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Preface

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Audience

This guide is intended primarily for data center administrators who use and who have responsibilities and expertise in one or more of the following:

- Server administration
- Storage administration
- Network administration
- Network security
- Virtualization and virtual machines

Conventions

Text Type	Indication
GUI elements	GUI elements such as tab titles, area names, and field labels appear in this font . Main titles such as window, dialog box, and wizard titles appear in this font .
Document titles	Document titles appear in <i>this font</i> .
TUI elements	In a Text-based User Interface, text the system displays appears in <i>this font</i> .
System output	Terminal sessions and information that the system displays appear in <i>this font</i> .

Text Type	Indication
CLI commands	CLI command keywords appear in this font . Variables in a CLI command appear in <i>this font</i> .
[]	Elements in square brackets are optional.
{x y z}	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
< >	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the document.



Caution Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.



Tip Means *the following information will help you solve a problem*. The tips information might not be troubleshooting or even an action, but could be useful information, similar to a Timesaver.



Timesaver Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device.

SAVE THESE INSTRUCTIONS

Related Documentation

Cisco UCS Director Documentation Roadmap

For a complete list of Cisco UCS Director documentation, see the *Cisco UCS Director Documentation Roadmap* available at the following URL: http://www.cisco.com/en/US/docs/unified_computing/ucs/ucs-director/doc-roadmap/b_UCSDirectorDocRoadmap.html.

Cisco UCS Documentation Roadmaps

For a complete list of all B-Series documentation, see the *Cisco UCS B-Series Servers Documentation Roadmap* available at the following URL: <http://www.cisco.com/go/unifiedcomputing/b-series-doc>.

For a complete list of all C-Series documentation, see the *Cisco UCS C-Series Servers Documentation Roadmap* available at the following URL: <http://www.cisco.com/go/unifiedcomputing/c-series-doc>.



Note The *Cisco UCS B-Series Servers Documentation Roadmap* includes links to documentation for Cisco UCS Manager and Cisco UCS Central. The *Cisco UCS C-Series Servers Documentation Roadmap* includes links to documentation for Cisco Integrated Management Controller.

Documentation Feedback

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- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco Marketplace](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).
- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.



ACI MSC - Application Profile Operations

This chapter contains the following sections:

- [ACI MSC - Add Application Profile to Template, on page 2](#)
- [ACI MSC - Remove Application Profile from Template, on page 3](#)

ACI MSC - Add Application Profile to Template

Summary

ACI MSC - Add Application Profile to Template.

Description

This task creates a Application Profile from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template	MSCDeviceSchemaTemplate Identity	Y
Display Name	Provide the name of the application profile	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity

ACI MSC - Remove Application Profile from Template

Summary

ACI MSC - Remove Application Profile from Template.

Description

This task deletes a Application Profile from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Profile Name	Select application profile name	MSCDeviceSchema ApplicationProfileIdentity	Y
Do you want to delete the selected Application Profile?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchema ApplicationProfileIdentity



ACI MSC - Bridge Domain Operations

This chapter contains the following sections:

- [ACI MSC - Add Bridge Domain to Template, on page 6](#)
- [ACI MSC - Add L3 Out to Site Bridge Domain, on page 8](#)
- [ACI MSC - Add Subnet to Bridge Domain, on page 9](#)
- [ACI MSC - Add Subnet to Site Bridge Domain, on page 10](#)
- [ACI MSC - Remove Bridge Domain from Template, on page 12](#)
- [ACI MSC - Remove L3 out from Site Bridge Domain, on page 13](#)
- [ACI MSC - Remove Subnet from Bridge Domain, on page 14](#)
- [ACI MSC - Remove Subnet from Site Bridge Domain, on page 15](#)
- [ACI MSC - Update Bridge Domain to Template, on page 16](#)
- [ACI MSC - Update Subnet to Bridge Domain, on page 18](#)
- [ACI MSC - Update Subnet to Site Bridge Domain, on page 19](#)

ACI MSC - Add Bridge Domain to Template

Summary

ACI MSC - Add Bridge Domain to Template.

Description

This task adds the Bridge Domain to ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchema TemplateIdentity	Y
Display Name	Provide the name of the bridge domain	gen_text_input	Y
Virtual Routing & Forwarding	Select a VRF	MSCDeviceSchema VRFIdentity	Y
L2Stretch	Check to enable L2Stretch. By default this field is checked.	Boolean	
Intersiteumtrafficallow	Check to enable Intersiteumtrafficallow. By default this field is checked.	Boolean	
Optimizewanbandwidth	Check to enable Optimizewanbandwidth. By default this field is checked.	Boolean	
L2unknownunicast	Select L2unknownunicast. The default value is proxy.	ACIMultiSiteL2Unicast Identity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity

Output	Description	Type
ACI_MULTI_SITE_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Site Bridge Domain Identity	ACIMultiSiteSiteBDIdentity

ACI MSC - Add L3 Out to Site Bridge Domain

Summary

ACI MSC - Add L3 Out to Site Bridge Domain.

Description

This task will allow User to add L3 out to the Site Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Bridge Domain Name	ACIMultiSiteSiteBDIdentity	Y
Site Name	Provide Site Name	ACIMultiSiteIdentity	Y
l3out Name	Select the l3out	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
L3OUT_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site L3 Out to Site Bridge Domain Identity	ACIMultiSiteL3OutToSiteBDIdentity
L3OUT_IDENTITY	ACI Multi-site L3OUT Identity	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY

ACI MSC - Add Subnet to Bridge Domain

Summary

ACI MSC - Add Subnet to Bridge Domain.

Description

This task will allow User to add Subnet to the Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Select a bridge domain name	ACIMultiSite BDIdentity	Y
Gateway IP	Provide a gateway IP in this format: valid ip/prefix length. For example: 31.31.31.1.	gen_text_input	Y
Description	Provide additional descriptive information of the subnet to bridge domain	gen_text_input	
Scope	Select a scope. The default value is Private to VRF.	MSCSubnetTo BDScopeType	
Shared Between VRFs	Check to enable shared between VRFs. The default value is unchecked.	Boolean	
No Default SVI Gateway	Check to enable no default SVI gateway. The default value is unchecked.	Boolean	
Querier	Check to enable querier. The default value is unchecked.	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetTo BDName
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity

ACI MSC - Add Subnet to Site Bridge Domain

Summary

ACI MSC - Add Subnet to Site Bridge Domain.

Description

This task will allow User to add Subnet to the Site Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Select a bridge domain name	ACIMultiSiteSiteBDIdentity	Y
Site Name	Provide Site Name	ACIMultiSiteIdentity	Y
Gateway IP	Provide a gateway IP in this format: valid ip/prefix length. For example: 31.31.31.1/12.	gen_text_input	Y
Description	Provide additional descriptive information for the subnet to site bridge domain	gen_text_input	
Scope	Select a scope. The default value is Private to VRF	MSCSubnetToBDScopeType	
Shared Between VRFs	Check to enable shared between VRFs. The default value is unchecked.	Boolean	
No Default SVI Gateway	Check to enable no default SVI gateway. The default value is unchecked.	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity

Output	Description	Type
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetToBDName
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetToBDIdentity
SUBNET_TO_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSiteBDIdentity

ACI MSC - Remove Bridge Domain from Template

Summary

ACI MSC - Remove Bridge Domain from Template.

Description

This task deletes a Bridge Domain from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Select a bridge domain	ACIMultiSite BDIdentity	Y
Do you want to delete the selected Bridge Domain?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity

ACI MSC - Remove L3 out from Site Bridge Domain

Summary

ACI MSC - Remove L3 Out from Site Bridge Domain.

Description

This task will allow the User to remove L3 Out from Site Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
L3 Out	L3 Out	ACIMultiSiteL3OutToSiteBDIdentity	Y
Do you want to remove the L3 Out from selected Bridge Domain?	Do you want to remove the L3 Out from selected Bridge Domain?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
L3OUT_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site L3 Out to Site Bridge Domain Identity	ACIMultiSiteL3OutToSiteBDIdentity

ACI MSC - Remove Subnet from Bridge Domain

Summary

ACI MSC - Remove Subnet from Bridge Domain.

Description

This task will allow the User to remove Subnet from Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Gateway IP	Select a gateway IP to be removed from bridge domain	ACIMultiSiteSubnetToBDIdentity	Y
Do you want to remove the Subnet from selected Bridge Domain?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetToBDName
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetToBDIdentity

ACI MSC - Remove Subnet from Site Bridge Domain

Summary

ACI MSC - Remove Subnet from Site Bridge Domain.

Description

This task will allow the User to remove Subnet from Site Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Gateway IP	Select a gateway IP to be removed from site bridge domain	ACIMultiSiteSubnetToSiteBDIdentity	Y
Do you want to remove the Subnet from selected Bridge Domain?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetToBDName
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetToBDIdentity
SUBNET_TO_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSiteBDIdentity

ACI MSC - Update Bridge Domain to Template

Summary

ACI MSC - Update Bridge Domain to Template.

Description

This task updates a Bridge Domain from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain	Select a bridge domain	ACIMultiSiteBDIdentity	Y
Display Name	Provide the name of the bridge domain	gen_text_input	Y
Virtual Routing & Forwarding	Select a VRF	MSCDeviceSchema VRFIdentity	Y
L2Stretch	Check to enable L2Stretch. By default this field is checked.	Boolean	
Intersiteumtrafficallow	Check to enable Intersiteumtrafficallow. By default this field is checked.	Boolean	
Optimizewanbandwidth	Check to enable Optimizewanbandwidth. By default this field is checked.	Boolean	
L2unknownunicast	L2unknownunicast	ACIMultiSiteL2Unicast Identity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity

Output	Description	Type
ACI_MULTI_SITE_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Site Bridge Domain Identity	ACIMultiSiteSiteBDIdentity

ACI MSC - Update Subnet to Bridge Domain

Summary

ACI MSC - Update Subnet to Bridge Domain.

Description

This task updates a subnet to the ACI Multi-Site Bridge Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Subnet	ACIMultiSiteSubnetToBDIdentity	Y
Gateway IP	Gateway IP	gen_text_input	Y
Description	Description	gen_text_input	
Scope	Scope	MSCSubnetToBDScopeType	
Shared Between VRFs	Shared Between VRFs	Boolean	
No Default SVI Gateway	No Default SVI Gateway	Boolean	
Querier	Querier	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetToBDName
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetToBDIdentity

ACI MSC - Update Subnet to Site Bridge Domain

Summary

ACI MSC - Update Subnet to Site Bridge Domain.

Description

This task will allow the User to update Subnet to Site Bridge Domain of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Select a subnet	ACIMultiSiteSubnetToSiteBDIdentity	Y
Gateway IP	Provide a gateway IP in this format: valid ip/prefix length. For example: 31.31.31.1/12.	gen_text_input	Y
Description	Provide additional descriptive information of the subnet to bridge domain	gen_text_input	
Scope	Select a scope. The default value is Private to VRF.	MSCSubnetToBDScopeType	
Shared Between VRFs	Check to enable shared between VRFs. The default value is unchecked.	Boolean	
No Default SVI Gateway	Check to enable no default SVI gateway. The default value is unchecked.	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Name	gen_text_input
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
SUBNET_TO_BRIDGE_DOMAIN	ACI Multi-site Bridge Domain Identity	ACIMultiSiteSubnetToBDName

Output	Description	Type
SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetToBDIdentity
SUBNET_TO_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSiteBDIdentity



ACI MSC - Contract Operations

This chapter contains the following sections:

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- [ACI MSC - Add Filter to Contract, on page 23](#)
- [ACI MSC - Add Service Graph to Contract, on page 24](#)
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ACI MSC - Add Contract to Template

Summary

ACI MSC - Add Contract to Template.

Description

This task will allow the User to add Contract to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchema TemplateIdentity	Y
Display Name	Provide the name of the contract	gen_text_input	Y
Scope	Provide the scope of a service contract between two or more EPGs. The scope can be one of the following: vrf, application-profile, tenant, or global. The default is vrf.	gen_text_input	
Filter Name	Select Filter Name	ACIMultiSiteFilterIdentity	
Directive	Select Directive, The default value is none.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACI_MULTI_SITE_DEVICE_IP	IP address of the ACI Multi-Site device on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
FILTER_TO_CONTRACT_IDENTITY	ACI Multi-Site Filter to Contract Identity	ACIMultiSiteFilterToContractIdentity

ACI MSC - Add Filter to Contract

Summary

ACI MSC - Add Filter to Contract.

Description

This task will allow the User to add Filter to the Contract of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Select a contract name	ACIMultiSiteContract Identity	Y
Filter Name	Select a Filter name	ACIMultiSiteFilterIdentity	Y
Directive	Provide a directive. The filter directives assigned to the taboo contract can be one of the following: log, none	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
FILTER_TO_CONTRACT_IDENTITY	ACI Multi-Site Filter to Contract Identity	ACIMultiSiteFilterToContract Identity

ACI MSC - Add Service Graph to Contract

Summary

ACI MSC - Add Service Graph to Contract.

Description

This task adds a service graph to a contract of an ACI multi-site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Select a Contract	ACIMultiSiteContract Identity	Y
Select Service Graph	Select a Service Graph to associate to the contract	ACIMultiSiteService GraphIdentity	Y
Bridge Domain [NODE1 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
Route Peering [NODE1 - PROVIDER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE1 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE1 - PROVIDER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE2 - CONSUMER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE2 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE2 - CONSUMER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE2 - PROVIDER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE2 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE2 - PROVIDER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE3 - CONSUMER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE3 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y

Input	Description	Mappable To Type	Mandatory
External EPG [NODE3 - CONSUMER CONNECTOR]	Select an External EPG	MSC_DEVICE_External_EPG_IDENTITY	
Bridge Domain [NODE3 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSiteBDIdentity	Y
Cluster Interface [NODE1 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDeviceClusterInterfaceIdentity	Y
Redirect Policy [NODE1 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDeviceRedirectPolicyIdentity	
Cluster Interface [NODE1 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDeviceClusterInterfaceIdentity	Y
Redirect Policy [NODE1 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDeviceRedirectPolicyIdentity	
Cluster Interface [NODE2 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDeviceClusterInterfaceIdentity	Y
Redirect Policy [NODE2 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDeviceRedirectPolicyIdentity	
Cluster Interface [NODE2 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDeviceClusterInterfaceIdentity	Y
Redirect Policy [NODE2 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDeviceRedirectPolicyIdentity	
Cluster Interface [NODE3 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDeviceClusterInterfaceIdentity	Y

Input	Description	Mappable To Type	Mandatory
Redirect Policy [NODE3 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	
Cluster Interface [NODE3 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE3 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContract Identity
OUTPUT_SERVICE_GRAPH_NAME	ACI Multi-Site Service Graph Name	gen_text_input
OUTPUT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph Identity	ACIMultiSiteServiceGraph Identity
OUTPUT_CONTRACT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph To Contract Identity	ACIMultiSiteServiceGraph ToContractIdentity
OUTPUT_NODE_ONE_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node One Consumer Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node One Provider Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_PROVIDER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node One Provider Connector External EPG Identity	MSC_DEVICE_External_ EPG_IDENTITY
OUTPUT_NODE_TWO_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Two Consumer Connector BD Identity	ACIMultiSiteBDIdentity

Output	Description	Type
OUTPUT_NODE_TWO_CONSUMER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Two Consumer Connector External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
OUTPUT_NODE_TWO_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Two Provider Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_TWO_PROVIDER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Two Provider Connector External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
OUTPUT_NODE_THREE_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Three Consumer Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_THREE_CONSUMER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Three Consumer Connector External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
OUTPUT_NODE_THREE_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Three Provider Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node One Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_ONE_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node One Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_ONE_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node One Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_ONE_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node One Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_TWO_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site PNode Two Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_TWO_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Two Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_TWO_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Two Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_TWO_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Two Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity

Output	Description	Type
OUTPUT_NODE_THREE_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Three Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_THREE_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Three Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_THREE_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Three Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_THREE_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Three Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity

ACI MSC - Remove Contract from Template

Summary

ACI MSC - Remove Contract from Template.

Description

This task will allow the User to remove Contract from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Select a contract name	ACIMultiSiteContract Identity	Y
Do you want to delete the selected Contract From ACI Multi-Site Schema?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContract Identity

ACI MSC - Remove Filter from Contract

Summary

ACI MSC - Remove Filter from Contract.

Description

This task will allow the User to remove Filter from the Contract of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name	ACIMultiSiteFilterToContractIdentity	Y
Do you want to delete the selected Filter From Contract?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input

ACI MSC - Remove Service Graph From Contract

Summary

ACI MSC - Remove Service Graph From Contract.

Description

This task removes a service graph from a contract of an ACI multi-site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Name	Select a service graph name.	ACIMultiSiteServiceGraphToContractIdentity	Y
Do you want to delete the selected Service Graph From Contract?	Do you want to delete the selected Service Graph From Contract?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
OUTPUT_SERVICE_GRAPH_NAME	ACI Multi-Site Service Graph Name	gen_text_input
OUTPUT_CONTRACT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph To Contract Identity	ACIMultiSiteServiceGraphToContractIdentity

ACI MSC - Update Contract to Template

Summary

ACI MSC - Update Contract to Template.

Description

This task will allow the User to update Contract to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Provide the name of the contract	ACIMultiSiteContract Identity	Y
Display Name	Display Name	gen_text_input	Y
Scope	Provide the scope of a service contract between two or more EPGs. The scope can be one of the following: vrf, application-profile, tenant, or global. The default is vrf.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContract Identity

ACI MSC - Update Filter to Contract

Summary

ACI MSC - Update Filter to Contract.

Description

This task will allow the User to update Filter to the Contract of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name	ACIMultiSiteFilterToContractIdentity	Y
Directive	Provide a directive. The filter directives assigned to the taboo contract can be one of the following: log, none	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
FILTER_TO_CONTRACT_IDENTITY	ACI Multi-Site Filter to Contract Identity	ACIMultiSiteFilterToContractIdentity

ACI MSC - Update Service Graph to Contract

Summary

ACI MSC - Update Service Graph to Contract.

Description

This task updates a service graph from a contract of an ACI multi-site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Name	Select a service graph name.	ACIMultiSiteService GraphToContract Identity	Y
Bridge Domain [NODE1 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
Route Peering [NODE1 - PROVIDER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE1 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE1 - PROVIDER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE2 - CONSUMER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE2 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE2 - CONSUMER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE2 - PROVIDER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE2 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE2 - PROVIDER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	
Route Peering [NODE3 - CONSUMER CONNECTOR]	Check to enable route peering. The default value is false.	Boolean	
Bridge Domain [NODE3 - CONSUMER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
External EPG [NODE3 - CONSUMER CONNECTOR]	Select an External EPG	MSC_DEVICE_ External_EPG_ IDENTITY	

Input	Description	Mappable To Type	Mandatory
Bridge Domain [NODE3 - PROVIDER CONNECTOR]	Select a Bridge Domain	ACIMultiSite BDIdentity	Y
Cluster Interface [NODE1 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE1 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	
Cluster Interface [NODE1 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE1 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	
Cluster Interface [NODE2 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE2 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	
Cluster Interface [NODE2 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE2 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	
Cluster Interface [NODE3 - CONSUMER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE3 - CONSUMER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	

Input	Description	Mappable To Type	Mandatory
Cluster Interface [NODE3 - PROVIDER CONNECTOR]	Select a cluster interface for each of site(s) on node. Only one cluster interface is allowed to select on one site.	ACIMultiSiteDevice ClusterInterfaceIdentity	Y
Redirect Policy [NODE3 - PROVIDER CONNECTOR]	Select a redirect policy for each of site(s) on node. Only one redirect policy is allowed to select on one site.	ACIMultiSiteDevice RedirectPolicyIdentity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContract Identity
OUTPUT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph Identity	ACIMultiSiteServiceGraph Identity
OUTPUT_CONTRACT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph To Contract Identity	ACIMultiSiteServiceGraph ToContractIdentity
OUTPUT_NODE_ONE_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node One Consumer Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node One Provider Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_PROVIDER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node One Provider Connector External EPG Identity	MSC_DEVICE_External_ EPG_IDENTITY
OUTPUT_NODE_TWO_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Two Consumer Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_TWO_CONSUMER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Two Consumer Connector External EPG Identity	MSC_DEVICE_External_ EPG_IDENTITY
OUTPUT_NODE_TWO_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Two Provider Connector BD Identity	ACIMultiSiteBDIdentity

Output	Description	Type
OUTPUT_NODE_TWO_PROVIDER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Two Provider Connector External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
OUTPUT_NODE_THREE_CONSUMER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Three Consumer Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_THREE_CONSUMER_CONNECTOR_EXT_EPG_IDENTITY	ACI Multi-site Node Three Consumer Connector External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
OUTPUT_NODE_THREE_PROVIDER_CONNECTOR_BD_IDENTITY	ACI Multi-site Node Three Provider Connector BD Identity	ACIMultiSiteBDIdentity
OUTPUT_NODE_ONE_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node One Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_ONE_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node One Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_ONE_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node One Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_ONE_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node One Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_TWO_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site PNode Two Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_TWO_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Two Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_TWO_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Two Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_TWO_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Two Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity
OUTPUT_NODE_THREE_CONSUMER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Three Consumer Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_THREE_CONSUMER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Three Consumer Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity

Output	Description	Type
OUTPUT_NODE_THREE_PROVIDER_CLUSTER_INTERFACE_IDENTITY	ACI Multi-site Node Three Provider Cluster Interface Identity	ACIMultiSiteDeviceClusterInterfaceIdentity
OUTPUT_NODE_THREE_PROVIDER_REDIRECT_POLICY_IDENTITY	ACI Multi-site Node Three Provider Redirect Policy Identity	ACIMultiSiteDeviceRedirectPolicyIdentity



ACI MSC - EPG Operations

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ACI MSC - Add Contract to EPG

Summary

ACI MSC - Add Contract to EPG.

Description

This task adds contract to EPG associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSiteEPGIdentity	Y
Contract Name	Select a contract name	ACIMultiSiteContractIdentity	Y
Type	Select a contract type. The default value is Consumer.	ACIMultiSiteContractType Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchema ApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
EPG_CONTRACT_ASSOCIATION_IDENTITY	ACI Multi-Site EPG Contract Association Identity	ACIMultiSiteContractTo EPGAssociationIdentity

ACI MSC - Add Domain to EPG

Summary

ACI MSC - Add Domain to EPG.

Description

This task will allow the User to add Domain to the EPG of ACI Multi-Site controller. Note : Site EPG Identity will show site EPG identities with comma separated if EPG associate with multiple Site otherwise it will show only Site EPG Identity.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSiteEPGInfoIdentity	Y
Site Name	Select a site name	ACIMultiSiteIdentity	Y
Domain Association Type	Select a domain association type	ACIMultiSiteDomainType Identity	Y
Domain Profile	Select a domain profile	ACIMultiSiteDomainProfile Identity	Y
Deployment Immediacy	Select a deployment immediacy	ACIMultiSiteDomain DeploymentIdentity	Y
Resolution Immediacy	Select a resolution immediacy. The default value is On Demand.	ACIMultiSiteDomain ResolutionIdentity	Y
Vlan Mode	Select a VLAN mode. The default value is Dynamic.	ACIMultiSiteDomainVlan ModeIdentity	
Allow Micro-Segmentation	Check to enable Allow Micro-Segmentation. By default this field is unchecked.	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplication ProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity

Output	Description	Type
DOMAIN_TYPE	ACI Multi-Site Domain Type	ACIMultiSiteDomainType Identity
DOMIAN_PROFILE	ACI Multi-Site Domain Profile	ACIMultiSiteDomainProfile Identity
DEPLOYMENT	ACI Multi-Site Domain Deployment	ACIMultiSiteDomain DeploymentIdentity
RESOLUTION	ACI Multi-Site Domain Type	ACIMultiSiteDomainResolution Identity
DOMAIN_IDENTITY	ACI Multi-Site EPG Domain Identity	ACIMultiSiteDomainTo EPGIdentity
SITE_EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGInfoIdentity
VLAN_MODE	ACI Multi-Site Vlan Mode	ACIMultiSiteDomainVlanMode Identity
ALLOW_MICRO_SEGMENTATION	ACI Multi-Site Allow Micro Segmentation	Boolean
PRIMARY_MICRO_SEGMENTATION	ACI Multi-Site Primary Micro Segmentation	gen_text_input
SECONDARY_MICRO_SEGMENTATION	ACI Multi-Site Secondary Micro Segmentation	gen_text_input
PORT_ENCAP_MICRO_SEGMENTATION	ACI Multi-Site Domain Profile	gen_text_input

ACI MSC - Add EPG to Template

Summary

ACI MSC - Add EPG to Template.

Description

This task creates EPG to the Application Profile associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Profile Name	Select an Application Profile	MSCDeviceSchema ApplicationProfile Identity	Y
Display Name	Provide the name of the EPG	gen_text_input	Y
USEG EPG	Check to enable USEG EPG. By default this field is unchecked.	Boolean	Y
Intra EPG Isolation	Select Intra-EPG isolation. Intra-EPG isolation is not supported in AVS-VLAN mode. setting intra-EPG isolation may cause the ports to go into a blocked state in these domains. Intra-EPG isolation is not supported if the BD is configured as "legacy BD mode". Preserving QoS CoS priority setting is not supported when traffic is flowing from an EPG with isolation enforced to an EPG without isolation enforced.	ACIMultiSiteIntra EPGIsolationIdentity	Y
Bridge Domain	Select a bridge domain	ACIMultiSite BDIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input

Output	Description	Type
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchema ApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfo Identity

ACI MSC - Add Static Leaf to EPG

Summary

ACI MSC - Add Static Leaf to EPG.

Description

This task will allow the User to Add Leaf to EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Provide EPG Name	ACIMultiSiteEPGIdentity	Y
Site Name	Provide Site Name	ACIMultiSiteIdentity	Y
Leaf	Leaf	ACIMultiSiteLeafSiteIdentity	Y
VLAN	VLAN	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
LEAF_SITE_EPG_IDENTITY	ACI Multi-site Leafs Identity	ACIMultiSiteLeafSiteIdentity
STATIC_PORT_LEAF_ENCAP_VLAN	ACI Multi-site Static Leaf Encap VLAN	gen_text_input
STATICLEAF_EPG_IDENTITY	ACI Multi-site EPG Static Leaf Identity	MSC_DEVICE_STATIC_LEAF_EPG_IDENTITY

ACI MSC - Add Static Port to EPG

Summary

ACI MSC - Add Static Port to EPG.

Description

This task will allow the User to add Static Port to the EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EPG	Select an EPG name	ACIMultiSiteEPGInfo Identity	Y
Site Name	Select a site name	ACIMultiSiteIdentity	Y
Path Type	Select a path type	ACIMultiSitePathType Identity	Y
Select Path	Select a path	ACIMultiSitePathSite Identity	Y
Port Encap VLAN	Provide the VLAN number for the static port. When manually configuring the port encap on a domain for an EPG, the VLAN ID must belong to a static VLAN block within a Dynamic VLAN pool. Valid VLAN is between 1 to 4094.	gen_text_input	Y
Primary MICRO-SEG VLAN	Provide the Primary micro-seg VLAN. Micro-segmentation associates endpoints from multiple EPGs into a micro-segmented EPG according to virtual machine attributes. Valid VLAN is between 1 to 4094.	gen_text_input	
Deployment Immediacy	Select a deployment immediacy. The default value is On Demand.	ACIMultiSiteDeployment ImmediacyIdentity	Y
Mode	Select a mode. The default value is Trunk.	ACIMultiSiteMode Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplication ProfileIdentity

Output	Description	Type
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
STATIC_PORT_PATHTYPE	ACI Multi-site Static Port PathType	ACIMultiSitePathTypeIdentity
LEAF_SITE_EPG_IDENTITY	ACI Multi-site Leafs Identity	ACIMultiSiteLeafSiteIdentity
PATH_SITE_EPG_IDENTITY	ACI Multi-site Paths Identity	ACIMultiSitePathSiteIdentity
STATIC_PORT_PORT_ENCAP_VLAN	ACI Multi-site Static Port Encap VLAN	gen_text_input
STATIC_PORT_PRIMARY_MICRO_SEG_VLAN	ACI Multi-site Static Port Primary Micro Seg Vlan	gen_text_input
STATIC_PORT_DEPLOYMENT_IMMEDIACY	ACI Multi-site Static Port Deployment Immediacy	ACIMultiSiteDeploymentImmediacyIdentity
STATIC_PORT_MODE	ACI Multi-site Static Port Mode	ACIMultiSiteModeIdentity
STATICPORT_EPG_IDENTITY	ACI Multi-site EPG Static Port Identity	MSC_DEVICE_STATICPORT_EPG_IDENTITY

ACI MSC - Add Subnet to EPG

Summary

ACI MSC - Add Subnet to EPG.

Description

This task will allow the User to Add Subnet To EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Provide EPG Name	ACIMultiSiteEPGIdentity	Y
Gateway IP	Gateway IP	gen_text_input	Y
Description	Description	gen_text_input	
Scope	Scope	MSCSubnetToBDScopeType	
Shared Between VRFs	Shared Between VRFs?	Boolean	
No Default SVI Gateway	No Default SVI Gateway?	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
SUBNET_TO_EPG	ACI Multi-site Subnet to EPG	gen_text_input
SUBNET_TO_EPG_IDENTITY	ACI Multi-site Subnet to EPG Identity	ACIMultiSiteSubnetToEPGIdentity

ACI MSC - Add uSeg Attribute to EPG

Summary

ACI MSC - Add uSeg Attribute to EPG.

Description

This task will allow the User to Add uSeg Attribute to EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSiteEPGIdentity	Y
USEG Attribute Name	Provide a name for the USEG EPG	gen_text_input	Y
Description	Provide additional descriptive information for the USEG EPG	gen_text_input	
Attribute Type	Select an attribute type	MSCUSEGAttrAttributeType	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_USEG_ATTR_NAME	ACI Multi-site EPG USEG Attribute Name	gen_text_input
EPG_USEG_ATTR_IDENTITY	ACI Multi-site EPG USEG Attribute Identity	ACIMultiSiteUSEGAttrToEPGIdentity
OUTPUT_EPG_USEG_ATTR_TYPE	ACI Multi-site EPG uSeg Attribute Type	ACIMultiSiteUsegAttributeType

ACI MSC - Delete uSeg Attribute to EPG

Summary

ACI MSC - Delete uSeg Attribute to EPG.

Description

This task will allow the User to Delete uSeg Attribute to EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
USEG Attribute Name	Select a USEG attribute to be deleted	ACIMultiSite USEGAttrTo EPGIdentity	Y
Do you want to delete the selected uSeg Attribute From EPG in ACI Multi-Site Schema?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_USEG_ATTR_NAME	ACI Multi-site EPG USEG Attribute Name	gen_text_input
EPG_USEG_ATTR_IDENTITY	ACI Multi-site EPG USEG Attribute Identity	ACIMultiSiteUSEGAttrToEPGIdentity

ACI MSC - Remove Contract from EPG

Summary

ACI MSC - Remove Contract from EPG.

Description

This task deletes contract from EPG associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract	Select a contract to be removed from the EPG	ACIMultiSiteContractToEPGAssociationIdentity	Y
Do you want to delete the selected Contract From ACI Multi-Site EPG?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
EPG_CONTRACT_ASSOCIATION_IDENTITY	ACI Multi-Site EPG Contract Association Identity	ACIMultiSiteContractToEPGAssociationIdentity

ACI MSC - Remove Domain from EPG

Summary

ACI MSC - Remove Domain from EPG.

Description

This task will allow the User to remove Domain from the EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSiteDomainTo EPGIdentity	Y
Do you want to delete the selected Domain Profile From EPG in ACI Multi-Site ?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplication ProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
DOMAIN_TYPE	ACI Multi-Site Domain Type	ACIMultiSiteDomainTypeIdentity
DOMIAN_PROFILE	ACI Multi-Site Domain Profile	ACIMultiSiteDomainProfile Identity
DEPLOYMENT	ACI Multi-Site Domain Deployment	ACIMultiSiteDomainDeployment Identity
RESOLUTION	ACI Multi-Site Domain Type	ACIMultiSiteDomainResolution Identity
DOMAIN_IDENTITY	ACI Multi-Site EPG Domain Identity	ACIMultiSiteDomainTo EPGIdentity

ACI MSC - Remove EPG from Template

Summary

ACI MSC - Remove EPG from Template.

Description

This task deletes EPG from the Application Profile associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSite EPGIdentity	Y
Do you want to delete the selected EPG From ACI Multi-Site ?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchema ApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity

ACI MSC - Remove Static Leaf from EPG

Summary

ACI MSC - Remove Static Leaf from EPG.

Description

This task will allow the User to Remove Leaf from EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Static Leaf	Select Static Leaf	MSC_DEVICE_STATIC_LEAF_EPG_IDENTITY	Y
Do you want to delete the selected Static Leaf From EPG in ACI Multi-Site Schema?	Do you want to delete the selected Static Leaf From EPG in ACI Multi-Site Schema?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
STATICLEAF_EPG_IDENTITY	ACI Multi-site EPG Static Leaf Identity	MSC_DEVICE_STATIC_LEAF_EPG_IDENTITY
STATIC_PORT_LEAF_ENCAP_VLAN	ACI Multi-site Static Leaf Encap VLAN	gen_text_input
OUTPUT_STATIC_LEAF_NAME	ACI Multi-Site Static Leaf Name	gen_text_input

ACI MSC - Remove Static Port from EPG

Summary

ACI MSC - Remove Static Port from EPG.

Description

This task will allow the User to remove Static Port from the EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Static Port	Select a static port name	MSC_DEVICE_STATICPORT_EPG_IDENTITY	Y
Do you want to delete the selected Static Port Profile From EPG in ACI Multi-Site ?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
STATICPORT_EPG_IDENTITY	ACI Multi-site EPG Static Port Identity	MSC_DEVICE_STATICPORT_EPG_IDENTITY

ACI MSC - Remove Subnet from EPG

Summary

ACI MSC - Remove Subnet from EPG.

Description

This task will allow the User to Remove Subnet From EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Gateway IP	Gateway IP	ACIMultiSiteSubnetToEPGIdentity	Y
Do you want to remove the Subnet from selected EPG?	Do you want to remove the Subnet from selected EPG?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
SUBNET_TO_EPG	ACI Multi-site Subnet to EPG	gen_text_input
SUBNET_TO_EPG_IDENTITY	ACI Multi-site Subnet to EPG Identity	ACIMultiSiteSubnetToEPGIdentity

ACI MSC - Update Domain to EPG

Summary

ACI MSC - Update Domain to EPG.

Description

This task will allow the User to update Domain to the EPG of ACI Multi-Site controller. Note : Site EPG Identity will show site EPG identities with comma separated if EPG associate with multiple Site otherwise it will show only Site EPG Identity.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSiteDomainToEPGIdentity	Y
Domain Association Type	Select a domain association type	ACIMultiSiteDomainTypeIdentity	Y
Domain Profile	Select a domain profile	ACIMultiSiteDomainProfileIdentity	Y
Deployment Immediacy	Select a deployment immediacy	ACIMultiSiteDomainDeploymentIdentity	Y
Resolution Immediacy	Select a resolution immediacy. The default value is On Demand.	ACIMultiSiteDomainResolutionIdentity	Y
Vlan Mode	Select a VLAN mode. The default value is Dynamic.	ACIMultiSiteDomainVlanModeIdentity	
Allow Micro-Segmentation	Check to enable Allow Micro-Segmentation. By default this field is unchecked.	Boolean	

Outputs

Output	Description	Type
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
DOMAIN_TYPE	ACI Multi-Site Domain Type	ACIMultiSiteDomainTypeIdentity
DOMIAN_PROFILE	ACI Multi-Site Domain Profile	ACIMultiSiteDomainProfileIdentity
DEPLOYMENT	ACI Multi-Site Domain Deployment	ACIMultiSiteDomainDeploymentIdentity

Output	Description	Type
RESOLUTION	ACI Multi-Site Domain Type	ACIMultiSiteDomainResolutionIdentity
DOMAIN_IDENTITY	ACI Multi-Site EPG Domain Identity	ACIMultiSiteDomainToEPGIdentity
SITE_EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGInfoIdentity
VLAN_MODE	ACI Multi-Site Vlan Mode	ACIMultiSiteDomainVlanModeIdentity
ALLOW_MICRO_SEGMENTATION	ACI Multi-Site Allow Micro Segmentation	Boolean
PRIMARY_MICRO_SEGMENTATION	ACI Multi-Site Primary Micro Segmentation	gen_text_input
SECONDARY_MICRO_SEGMENTATION	ACI Multi-Site Secondary Micro Segmentation	gen_text_input
PORT_ENCAP_MICRO_SEGMENTATION	ACI Multi-Site Domain Profile	gen_text_input

ACI MSC - Update EPG to Template

Summary

ACI MSC - Update EPG to Template.

Description

This task will allow the User to update EPG to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name	ACIMultiSite EPGIdentity	Y
Intra EPG Isolation	Select Intra-EPG isolation. Intra EPG isolation is not supported in AVS-VLAN mode. setting Intra EPG isolation to be enforced may cause the ports to go into a blocked state in these domains. Intra EPG isolation is not supported if the BD is configured as "legacy BD mode".Preserving QOS Cos priority setting is not supported when traffic is flowing from and EPG with isolation enforced to an EPG without an isolation enforced.	ACIMultiSiteIntra EPGIsolationIdentity	Y
Forwarding Control Proxy-ARP	Check to enable forwarding control proxy-ARP. By default this field is unchecked.	Boolean	Y
Bridge Domain	Select a bridge domain	ACIMultiSite BDIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchema ApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input

Output	Description	Type
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity

ACI MSC - Update Static Leaf to EPG

Summary

ACI MSC - Update Static Leaf to EPG.

Description

This task updates a static leaf to EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Static Leaf	Select the Static Leaf from the report	MSC_DEVICE_STATIC_LEAF_EPG_IDENTITY	Y
Select Leaf	Select the Leaf	ACIMultiSiteLeafSiteIdentity	Y
VLAN	Provide VLAN	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
STATIC_LEAF_SITE_EPG_IDENTITY	ACI Multi-site Static Leafs Identity	ACIMultiSiteStaticLeafSiteIdentity
STATIC_PORT_LEAF_ENCAP_VLAN	ACI Multi-site Static Leaf Encap VLAN	gen_text_input
STATICLEAF_EPG_IDENTITY	ACI Multi-site EPG Static Leaf Identity	MSC_DEVICE_STATIC_LEAF_EPG_IDENTITY

ACI MSC - Update Static Port to EPG

Summary

ACI MSC - Update Static Port to EPG.

Description

This task updates a static port to External EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Static Port	Select a static port name	MSC_DEVICE_STATICPORT_EPG_IDENTITY	Y
Path Type	Select a path type	ACIMultiSitePathType Identity	Y
Select Path	Select a path	ACIMultiSitePathSite Identity	Y
Port Encap VLAN	Provide the VLAN number for the static port. When manually configuring the port encap on a domain for an EPG, the VLAN ID must belong to a static VLAN block within a dynamic VLAN pool. Valid VLAN is between 1 to 4094.	gen_text_input	Y
Primary MICRO-SEG VLAN	Provide the Primary micro-seg VLAN. Micro-segmentation associates endpoints from multiple EPGs into a micro-segmented EPG according to virtual machine attributes. Valid VLAN is between 1 to 4094.	gen_text_input	
Deployment Immediacy	Select a deployment immediacy. The default value is On Demand.	ACIMultiSiteDeployment ImmediacyIdentity	Y
Mode	Select a mode. The default value is Trunk.	ACIMultiSiteMode Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplication ProfileIdentity

Output	Description	Type
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
STATIC_PORT_PATHTYPE	ACI Multi-site Static Port PathType	ACIMultiSitePathTypeIdentity
LEAF_SITE_EPG_IDENTITY	ACI Multi-site Leafs Identity	ACIMultiSiteLeafSiteIdentity
PATH_SITE_EPG_IDENTITY	ACI Multi-site Paths Identity	ACIMultiSitePathSiteIdentity
STATIC_PORT_PORT_ENCAP_VLAN	ACI Multi-site Static Port Encap VLAN	gen_text_input
STATIC_PORT_PRIMARY_MICRO_SEG_VLAN	ACI Multi-site Static Port Primary Micro Seg Vlan	gen_text_input
STATIC_PORT_DEPLOYMENT_IMMEDIACY	ACI Multi-site Static Port Deployment Immediacy	ACIMultiSiteDeploymentImmediacyIdentity
STATIC_PORT_MODE	ACI Multi-site Static Port Mode	ACIMultiSiteModeIdentity
STATICPORT_EPG_IDENTITY	ACI Multi-site EPG Static Port Identity	MSC_DEVICE_STATICPORT_EPG_IDENTITY

ACI MSC - Update Subnet to EPG

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Subnet	ACIMultiSiteSubnetToEPGIdentity	Y
Gateway IP	Gateway IP	gen_text_input	Y
Description	Description	gen_text_input	
Scope	Scope	MSCSubnetToBDScopeType	
Shared Between VRFs	Shared Between VRFs	Boolean	
No Default SVI Gateway	No Default SVI Gateway	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
SUBNET_TO_EPG	ACI Multi-site Subnet to EPG	gen_text_input
SUBNET_TO_EPG_IDENTITY	ACI Multi-site Subnet to EPG Identity	ACIMultiSiteSubnetToEPGIdentity

ACI MSC - Update uSeg Attribute to EPG

Summary

ACI MSC - Update uSeg Attribute to EPG.

Description

This task will allow the User to Update uSeg Attribute to EPG of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
USEG Attribute	Select a USEG attribute	ACIMultiSiteUSEGAttrToEPGIdentity	Y
USEG Attribute Name	Provide a name for the USEG EPG	gen_text_input	Y
Description	Provide additional descriptive information for the USEG EPG	gen_text_input	
Attribute Type	Select an attribute type	MSCUSEGAttrAttributeType	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
APPLICATION_PROFILE_NAME	ACI Multi-site Application Profile Name	gen_text_input
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_NAME	ACI Multi-site EPG Name	gen_text_input
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_USEG_ATTR_NAME	ACI Multi-site EPG USEG Attribute Name	gen_text_input
EPG_USEG_ATTR_IDENTITY	ACI Multi-site EPG USEG Attribute Identity	ACIMultiSiteUSEGAttrToEPGIdentity



ACI MSC - External EPG Operations

This chapter contains the following sections:

- [ACI MSC - Add Contract to External EPG, on page 68](#)
- [ACI MSC - Add External EPG to Template, on page 69](#)
- [ACI MSC - Add Subnet To External EPG, on page 71](#)
- [ACI MSC - Remove Contract from External EPG, on page 72](#)
- [ACI MSC - Remove External EPG from Template, on page 73](#)
- [ACI MSC - Remove Subnet From External EPG, on page 74](#)
- [ACI MSC - Update Contract from External EPG, on page 75](#)
- [ACI MSC - Update External EPG to Template, on page 76](#)
- [ACI MSC - Update External EPG to Template with Multiple Sites, on page 77](#)

ACI MSC - Add Contract to External EPG

Summary

ACI MSC - Add Contract to External EPG.

Description

This task add a contract to External EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
External EPG	Select an external EPG	MSC_DEVICE_External_EPG_IDENTITY	Y
Contract Name	Select a contract name	ACIMultiSiteContractIdentity	Y
Type	Select a contract type. The default value is consumer.	ACIMultiSiteContractTypeIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
EPG_CONTRACT_ASSOCIATION_IDENTITY	ACI Multi-Site External EPG Contract Association Identity	ACIMultiSiteContractToExternalEPGIdentity

ACI MSC - Add External EPG to Template

Summary

ACI MSC - Add External EPG to Template.

Description

This task will allow the User to Add External EPG to Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select the Template	MSCDeviceSchemaTemplate Identity	Y
Display Name	Provide the Name of the External EPG	gen_text_input	Y
Associated Site(s)	Select the Sites Associated to Template	MSC_SITES_EXTERNALEPG_IDENTITY	Y
Site Name	Select the Site	ACIMultiSiteIdentity	
Virtual Routing & Forwarding	Virtual Routing & Forwarding	MSCDeviceSchemaVRFIdentity	
l3out Name	Select the l3out	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
EXTERNAL_EPG_SITE_IDENTITY	ACI Multi-site External EPG Site Identity	MSC_DEVICE_External_EPG_SITE_IDENTITY
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
VRF_IDENTITY	ACI Multi-site VRF Identity	MSCDeviceSchemaVRFIdentity
L3OUT_IDENTITY	ACI Multi-site L3OUT Identity	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY
MULTI_SELECT_SITE_L3OUT_IDENTITY	ACI Multi-site Site L3OUT Identity	MSC_DEVICE_SITE_EXTERNAL_EPG_L3OUT_IDENTITY

Output	Description	Type
EXTERNAL_EPG_MULTI_SELECT_SITE_IDENTITY	ACI Multi-site Site L3OUT Identity	MSC_DEVICE_External_EPG_SITE_IDENTITY
MULTI_SELECT_SITE_INFO_IDENTITY	ACI Multi-site Site L3OUT Identity	ACIMultiSiteIdentity
MULTI_SELECT_VRF_IDENTITY	ACI Multi-site Site L3OUT Identity	MSCDeviceSchemaVRFIdentity

ACI MSC - Add Subnet To External EPG

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select External EPG	Select an external EPG name	MSC_DEVICE_External_EPG_IDENTITY	Y
Subnet	Provide the IP address and mask of the default gateway. For example: 31.31.1.1.	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
SUBNET_TO_EXTERNAL_EPG_IDENTITY	ACI Multi-site Subnet to External EPG Identity	MSC_SUBNET_TO_EXTERNAL_EPG_IDENTITY

ACI MSC - Remove Contract from External EPG

Summary

ACI MSC - Remove Contract from External EPG.

Description

This task deletes a contract from External EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
External EPG Contract Association	Select an external EPG contract association	ACIMultiSiteContractToExternalEPGIdentity	Y
Do you want to delete the selected Contract From ACI Multi-Site External EPG?	This input is a label only. It does not take a value.		

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
EPG_CONTRACT_ASSOCIATION_IDENTITY	ACI Multi-Site External EPG Contract Association Identity	ACIMultiSiteContractToExternalEPGIdentity

ACI MSC - Remove External EPG from Template

Summary

ACI MSC - Remove External EPG from Template.

Description

This task will allow the User to Remove External EPG from Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select External EPG	Select an external EPG name	MSC_DEVICE_External_EPG_IDENTITY	Y
Do you want to delete the selected External EPG?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity

ACI MSC - Remove Subnet From External EPG

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet Identity	Select a subnet IP to be removed from the external EPG	MSC_SUBNET_TO_EXTERNAL_EPG_IDENTITY	Y
Do you want to delete the selected External EPG?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY

ACI MSC - Update Contract from External EPG

Summary

ACI MSC - Update Contract from External EPG.

Description

This task updates a contract to External EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
External EPG Contract Association	Select an external EPG contract association	ACIMultiSiteContractToExternalEPGIdentity	Y
Contract Name	Select a contract name	ACIMultiSiteContractIdentity	Y
Type	Select a contract type. The default value is consumer.	ACIMultiSiteContractType Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplate Identity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
CONTRACT_NAME	ACI Multi-Site Contract Name	gen_text_input
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
EPG_CONTRACT_ASSOCIATION_IDENTITY	ACI Multi-Site External EPG Contract Association Identity	ACIMultiSiteContractTo ExternalEPGIdentity

ACI MSC - Update External EPG to Template

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select External EPG	Select an external EPG	MSC_DEVICE_External_EPG_SITE_IDENTITY	Y
Virtual Routing & Forwarding	Virtual Routing & Forwarding	MSCDeviceSchemaVRFIdentity	Y
l3out Name	Click to choose L3Outs on the site to be used for the external EPG	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
EXTERNAL_EPG_SITE_IDENTITY	ACI Multi-site External EPG Site Identity	MSC_DEVICE_External_EPG_SITE_IDENTITY
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
VRF_IDENTITY	ACI Multi-site VRF Identity	MSCDeviceSchemaVRFIdentity
L3OUT_IDENTITY	ACI Multi-site L3OUT Identity	MSC_DEVICE_EXTERNAL_EPG_L3OUT_IDENTITY

ACI MSC - Update External EPG to Template with Multiple Sites

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select External EPG	Select External EPG	MSC_DEVICE_External_EPG_IDENTITY	Y
Site L3out	Select the Site l3out	MSC_DEVICE_SITE_EXTERNAL_EPG_L3OUT_IDENTITY	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
EXTERNAL_EPG_IDENTITY	ACI Multi-site External EPG Identity	MSC_DEVICE_External_EPG_IDENTITY
EXTERNAL_EPG_MULTI_SELECT_SITE_IDENTITY	ACI Multi-site Site L3OUT Identity	MSC_DEVICE_External_EPG_SITE_IDENTITY
MULTI_SELECT_SITE_INFO_IDENTITY	ACI Multi-site Site L3OUT Identity	ACIMultiSiteIdentity
MULTI_SELECT_VRF_IDENTITY	ACI Multi-site Site L3OUT Identity	MSCDeviceSchemaVRFIdentity
MULTI_SELECT_SITE_L3OUT_IDENTITY	ACI Multi-site Site L3OUT Identity	MSC_DEVICE_SITE_EXTERNAL_EPG_L3OUT_IDENTITY



ACI MSC - Filter Operations

This chapter contains the following sections:

- [ACI MSC - Add Entry to Filter, on page 80](#)
- [ACI MSC - Add Filter to Template, on page 83](#)
- [ACI MSC - Remove Entry from Filter, on page 86](#)
- [ACI MSC - Remove Filter from Template, on page 87](#)
- [ACI MSC - Update Entry to Filter, on page 88](#)

ACI MSC - Add Entry to Filter

Summary

ACI MSC - Add Entry to Filter

Description

This task adds Entry to Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name	ACIMultiSite FilterIdentity	Y
Entry Name	Provide the name of a filter entry. This name can be up to 64 alphanumeric characters.	gen_text_input	Y
Description	Provide a description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input

Output	Description	Type
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilterIdentity

ACI MSC - Add Filter to Template

Summary

ACI MSC - Add Filter to Template.

Description

This task creates a Filter to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDevice Schema Template Identity	Y
Display Name	Provide the name of the filter	gen_text_input	Y
Entries	Check this option for adding an Entry	Boolean	
Entry Name	Provide the name of a filter entry. This name can be up to 64 alphanumeric characters.	gen_text_input	
Description	Provide a description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.		
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input

Output	Description	Type
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilter Identity

ACI MSC - Remove Entry from Filter

Summary

ACI MSC - Remove Entry from Filter.

Description

This task deletes Entry from Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Entry Name	Select an entry name to be removed	ACIMultiSiteEntryToFilterIdentity	Y
Do you want to delete the selected Entry From Filter?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilterIdentity

ACI MSC - Remove Filter from Template

Summary

ACI MSC - Remove Filter from Template.

Description

This task deletes a Filter from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name to be removed	ACIMultiSiteFilter Identity	Y
Do you want to delete the selected Filter?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity

ACI MSC - Update Entry to Filter

Summary

ACI MSC - Update Entry to Filter.

Description

This task updates Entry to Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Entry Name	Select an entry name to be updated	ACIMultiSiteEntryToFilterIdentity	Y
Description	Provide the description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The start of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.		
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input

Output	Description	Type
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilter Identity



ACI MSC - Import Operations

This chapter contains the following sections:

- [ACI MSC - Import APIC Policy](#), on page 92

ACI MSC - Import APIC Policy

Summary

ACI MSC - Import APIC Policy.

Description

This task will allow user to import policies from APIC to ACI Multi-Site.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchemaTemplateIdentity	Y
Site Id	Select a site ID. This is the unique identifier associated with the site.	MscTenantSiteAssociationIdentity	Y
Application Profile Name	Select an application profile name	MSCDeviceSchemaApplicationProfileIdentity	
EPG Name	Select an EPG name	ACIMultiSiteEPGIdentity	
Contract Name	Select a contract name	ACIMultiSiteContractIdentity	
Filter Name	Select a filter name	ACIMultiSiteFilterIdentity	
VRF Name	Select a VRF name	MSCDeviceSchemaVRFIdentity	
Bridge Domain Name	Select a bridge domain name	ACIMultiSiteBDIdentity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACI_MULTI_SITE_DEVICE_IP	IP address of the ACI Multi-Site device on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity

Output	Description	Type
CONTRACT_IDENTITY	ACI Multi-Site Contract Identity	ACIMultiSiteContractIdentity
ACI_MULTI_SITE_BRIDGE_DOMAIN_IDENTITY	ACI Multi-site Bridge Domain Identity	ACIMultiSiteBDIdentity
VRF_IDENTITY	ACI Multi-site VRF Identity	MSCDeviceSchemaVRFIdentity
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity



ACI MSC - Schema Operations

This chapter contains the following sections:

- [ACI MSC - Create Schema, on page 96](#)
- [ACI MSC - Delete Schema, on page 97](#)

ACI MSC - Create Schema

Summary

ACI MSC - Create Schema.

Description

This task creates a schema on the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACI Multi-Site Account Name	Select an ACI multi-site account name	MSCDeviceIdentity	Y
Schema Name	Provide a schema name. Schemas are profiles, including site-configuration objects, that are pushed to sites.	gen_text_input	Y
Template Name	Provide the name of the template	gen_text_input	Y
Select Tenant	Select a tenant	MSCDeviceTenant Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACI_MULTI_SITE_DEVICE_IP	IP address of the ACI Multi-Site device on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchema TemplateIdentity
TENANT_IDENTITY	ACI Multi-Site Tenant Identity	MSCDeviceTenant Identity

ACI MSC - Delete Schema

Summary

ACI MSC - Delete Schema.

Description

This task deletes a schema from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Schema Name	Select a schema name	MSCDeviceSchema Identity	Y
Do you want to delete the selected Schema?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity



ACI MSC - Service Graph Operations

This chapter contains the following sections:

- [ACI MSC - Add Service Graph to Template, on page 100](#)
- [ACI MSC - Remove Service Graph from Template, on page 102](#)

ACI MSC - Add Service Graph to Template

Summary

ACI MSC - Add Service Graph to Template.

Description

This task adds a service graph to a template of an ACI multi-site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template	MSCDeviceSchema TemplateIdentity	Y
Service Graph Display Name	Enter a unique name for the service graph	gen_text_input	Y
Service Graph Description	Enter short description for the service graph	gen_text_input	
Number of Service Nodes	Choose the number of service nodes for the service graph	ACIMultiSiteServiceNode CountIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
OUTPUT_SERVICE_GRAPH_NAME	ACI Multi-Site Service Graph Name	gen_text_input
OUTPUT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph Identity	ACIMultiSiteService GraphIdentity
OUTPUT_SERVICE_NODE_TYPE_1	ACI Multi-site Service Node Type One Identity	gen_text_input
OUTPUT_SERVICE_NODE_DEVICE_1	ACI Multi-site Service Node Device One Identity	gen_text_input
OUTPUT_SERVICE_NODE_TYPE_2	ACI Multi-site Service Node Type Two Identity	gen_text_input

Output	Description	Type
OUTPUT_SERVICE_NODE_DEVICE_2	ACI Multi-site Service Node Device Two Identity	gen_text_input
OUTPUT_SERVICE_NODE_TYPE_3	ACI Multi-site Service Node Type Three Identity	gen_text_input
OUTPUT_SERVICE_NODE_DEVICE_3	ACI Multi-site Service Node Device Three Identity	gen_text_input

ACI MSC - Remove Service Graph from Template

Summary

ACI MSC - Remove Service Graph from Template.

Description

This task removes a service graph from a template of an ACI multi-site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Service Graph	Select a service graph to delete	ACIMultiSiteServiceGraphIdentity	Y
Do you want to delete the selected Service Graph?	Do you want to delete the selected Service Graph?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
OUTPUT_SERVICE_GRAPH_NAME	ACI Multi-Site Service Graph Name	gen_text_input
OUTPUT_SERVICE_GRAPH_IDENTITY	ACI Multi-Site Service Graph Identity	ACIMultiSiteServiceGraphIdentity



ACI MSC - Site Operations

This chapter contains the following sections:

- [ACI MSC - Add OSPF Policy, on page 104](#)
- [ACI MSC - Add Port to Infra Spine Settings, on page 106](#)
- [ACI MSC - Configure Control Plane BGP, on page 107](#)
- [ACI MSC - Create Site, on page 108](#)
- [ACI MSC - Delete OSPF Policy, on page 109](#)
- [ACI MSC - Delete Site, on page 110](#)
- [ACI MSC - Remove Port from Infra Spine Settings, on page 111](#)
- [ACI MSC - Update Infra POD Settings, on page 112](#)
- [ACI MSC - Update Infra Site Settings, on page 113](#)
- [ACI MSC - Update Infra Spine Settings, on page 115](#)
- [ACI MSC - Update OSPF Policy, on page 116](#)
- [ACI MSC - Update Port to Infra Spine Settings, on page 118](#)
- [ACI MSC - Update Site, on page 119](#)

ACI MSC - Add OSPF Policy

Summary

ACI MSC - Add OSPF Policy.

Description

This task will allow the User to Add OSPF Policy to Control Plane BGP configuration of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACI Multi-Site Account Name	Select an ACI multi-site account name	MSCDeviceIdentity	Y
Site	Site	MSCDeviceSchemaSite Identity	
Policy Name	Provide a policy name	gen_text_input	Y
Network Type	Select a network type. The default is broadcast.	ACIMultiSiteEospf NetworkTypeIdentity	
Priority	Provide a priority. Priority must be between 0 and 255. The default value is 1.	gen_text_input	Y
Cost OF Interface	Provide a cost of interface. The cost of interface must be between 0 and 65535. The default value is 0.	gen_text_input	Y
Interface Controls	Select one or more interface controls	ACIMultiSiteInterface ControlsIdentity	
Hello Interval (SECONDS)	Provide a hello interval in seconds. The hello interval must be between 1 and 65535. The default value is 10.	gen_text_input	Y
Dead Interval (SECONDS)	Provide a dead interval in seconds. The dead interval must be between 1 and 65535. The default value is 40.	gen_text_input	Y
Retransmit Interval (SECONDS)	Provide a retransmit interval in seconds. The retransmit interval must be between 1 and 65535. The default value is 5.	gen_text_input	Y
Transmit Delay (SECONDS)	provide Transmit Delay (SECONDS)	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity

Output	Description	Type
OUTPUT_MULTI_SITE_IDENTITY	ACI Multi-Site Device Multi Site Identity	MSCDeviceMultiSiteIdentity
OUTPUT_ACI_OSPF_NAME	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicyIdentity
OUTPUT_ACI_OSPF_IDENTITY	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicyIdentity

ACI MSC - Add Port to Infra Spine Settings

Summary

ACI MSC - Add Port to Infra Spine Settings.

Description

This task will allow the User to Add Port to Infra Spine Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Spine Name	Select a spine name	ACIMultiSiteFabricSpine Identity	Y
Port ID	Provide a slot number and a port number formatted as slot_number/port_number. For example: 1/10.	gen_text_input	Y
IP Address	Provide an IP address formatted as valid_ip/valid_prefix_length. For example: 31.31.31.1/12.	gen_text_input	
MTU	Provide an MTU. The MTU must be between 576 and 9000.	gen_text_input	
OSPF Policy	Select an OSPF policy	ACIMultiSiteOSPFPolicy Identity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity
POD_SETTINGS_IDENTITY	Pod Setting Identity on which the selected operation was performed	ACIMultiSitePodIdentity
OUTPUT_MULTI_SPINE_IDENTITY	ACI Multi-Site Multi Spine Identity	ACIMultiSiteFabricSpine Identity
OUTPUT_MULTI_SPINE_PORT_ID	ACI Multi-Site Multi Spine Port Id	gen_text_input
OUTPUT_MULTI_SPINE_PORT_IDENTITY	ACI Multi-Site Multi Spine Port Identity	ACIMultiSiteFabricPorts Identity

ACI MSC - Configure Control Plane BGP

Summary

ACI MSC - Configure Control Plane BGP.

Description

This task will allow the User to Configure Control Plane BGP on ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACI Multi-Site Account Name	Select an ACI multi-site account name	MSCDeviceIdentity	Y
Bgp Peering Type	Select a BGP peering type. The default value is full-mesh.	ACIMultiSite PeeringType Identity	Y
Keep Alive Interval (SECONDS)	Provide a keep-alive interval in seconds. The BGP keep-alive interval must be between 0 and 3600. The default value is 60 seconds.	gen_text_input	Y
Hold Interval (SECONDS)	Provide a hold interval in seconds. The BGP Hold Interval must be between 0 and 3600. The default value is 180 seconds.	gen_text_input	Y
Stale Interval (SECONDS)	Provide a stale interval in seconds. The BGP stale interval must be between 1 and 3600. The default value is 300 seconds.	gen_text_input	Y
Graceful Helper	Check to enable graceful helper. By default this field is checked.	Boolean	
Maximum AS Limit	Provide a maximum AS limit. The BGP maximum AS limit must be between 0 and 2000. The default value is 0.	gen_text_input	Y
Bgp TTL Between Peers	Provide a BGP TTL between peers. The BGP TTL must be between 1 and 255. The default value is 10.	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
OUTPUT_MULTI_SITE_IDENTITY	ACI Multi-Site Device Multi Site Identity	MSCDeviceMultiSite Identity

ACI MSC - Create Site

Summary

ACI MSC - Create Site.

Description

This task creates a site on the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACI Multi-Site Account Name	Select an ACI multi-site account name	MSCDeviceIdentity	Y
Site Name	Enter a site name. The name can be up to 64 characters, must begin with an alphanumeric character, and can contain only alphanumeric characters and the following four symbols: "-", ".", ":", and "_".	gen_text_input	Y
Site label	Select a site label	MSCDeviceLabel Identity	
APIC CONTROLLER URL	Provide one or more comma-separated APIC controller URLs. For example: http://10.30.113.170/ https://msc-site1-apic1.cisco.com.	gen_text_input	Y
Username	Provide a username	gen_text_input	Y
Password		password	Y
APIC SITE ID	Provide an APIC site ID between 1 and 255	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACI_MULTI_SITE_DEVICE_IP	IP address of the ACI Multi-Site device on which the selected operation was performed	gen_text_input
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_NAME	Site Name on which the selected operation was performed	gen_text_input
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity

ACI MSC - Delete OSPF Policy

Summary

ACI MSC - Delete OSPF Policy.

Description

This task will allow the User to Delete OSPF policy from BGP Configuration of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Select a policy name	ACIMultiSiteOSPFPolicyIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
OUTPUT_MULTI_SITE_IDENTITY	ACI Multi-Site Device Multi Site Identity	MSCDeviceMultiSiteIdentity
OUTPUT_ACI_OSPF_NAME	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicyIdentity
OUTPUT_ACI_OSPF_IDENTITY	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicyIdentity

ACI MSC - Delete Site

Summary

ACI MSC - Delete Site.

Description

This task deletes a site from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Site Name	Select a site name	MSCDeviceSiteIdentity	Y
Do you want to delete the selected Site?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_NAME	Site Name on which the selected operation was performed	gen_text_input
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity

ACI MSC - Remove Port from Infra Spine Settings

Summary

ACI MSC - Remove Port from Infra Spine Settings.

Description

This task will allow the User to Remove Port from Infra Spine Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Port ID	Select a port ID	ACIMultiSiteFabricPorts Identity	Y
Do you want to delete the selected Port From Spine?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity
POD_SETTINGS_IDENTITY	Pod Setting Identity on which the selected operation was performed	ACIMultiSitePodIdentity
OUTPUT_MULTI_SPINE_IDENTITY	ACI Multi-Site Multi Spine Identity	ACIMultiSiteFabricSpine Identity
OUTPUT_MULTI_SPINE_PORT_ID	ACI Multi-Site Multi Spine Port Id	gen_text_input
OUTPUT_MULTI_SPINE_PORT_IDENTITY	ACI Multi-Site Multi Spine Port Identity	ACIMultiSiteFabricPorts Identity

ACI MSC - Update Infra POD Settings

Summary

ACI MSC - Update Infra POD Settings.

Description

This task will allow the User to Update Infra POD Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name	Select a pod name	ACIMultiSitePodIdentity	Y
Data Plane Unicast TEP	Provide an IP address for the data plane unicast TEP. For example: 31.31.31.1.	ipaddress	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
DATA_PLANE_UNICAST_TEP	Data Plane Unicast TEP on which the selected operation was performed	gen_text_input
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity
POD_SETTINGS_IDENTITY	Pod Setting Identity on which the selected operation was performed	ACIMultiSitePodIdentity

ACI MSC - Update Infra Site Settings

Summary

ACI MSC - Update Infra Site Settings.

Description

This task will allow the User to Update Infra Site Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Site Name	Select a site name	ACIMultiSiteSettings Identity	Y
Site is Multi Site Enabled	Check to enable the ACI multi-site option for the site. By default this field is unchecked.	Boolean	
Data Plane Multicast TEP	Provide an IP address for data plane multicast TEP. For example: 31.31.31.1.	ipaddress	
BGP Autonomous System Number	Provide a BGP autonomous system number. This number uniquely identifies the neighbor autonomous system. The autonomous system number is between 1 and 4294967295, in 4-byte as plain format.	gen_text_input	Y
BGP Password	Provide a BGP password	password	
BGP Community	Provide a BGP community For example: extended:as2-nn4:5:16. The numbers are variable.	gen_text_input	
OSPF Area Id	Provide an OSPF area ID. This can be a number or ip address. For example: 31.31.31.1.	gen_text_input	
OSPF Area Type	Select an OSPF area type	ACIMultiSite OSPFAreaType Identity	
External Routed Domain	Select an external routed domain	ACIMultiExtRouted DomainIdentity	
IP Subnets to import	This input is a label only. It does not take a value.		
Subnet	Provide one or more comma-separated subnet or subnet/netmask. For example: 10.10.10.10, 20.20.20.20/24.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity

ACI MSC - Update Infra Spine Settings

Summary

ACI MSC - Update Infra Spine Settings.

Description

This task will allow the User to Update Infra Spine Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Spine Name	Select a spine name	ACIMultiSiteFabric SpineIdentity	Y
BGP Peering	Check to enable BGP peering. By default this field is unchecked.	Boolean	
Control Plane TEP	Provide an IP address for the control plane TEP. Format For example: 31.31.31.1.	gen_text_input	
Spine is Route Reflector	Check to enable route reflector in the spine. By default this field is unchecked.	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity
POD_SETTINGS_IDENTITY	Pod Setting Identity on which the selected operation was performed	ACIMultiSitePodIdentity
OUTPUT_MULTI_SPINE_IDENTITY	ACI Multi-Site Multi Spine Identity	ACIMultiSiteFabricSpine Identity

ACI MSC - Update OSPF Policy

Summary

ACI MSC - Update OSPF Policy.

Description

This task will allow the User to Update OSPF Policy on Control Plane BGP configuration of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Select a policy name	ACIMultiSite OSPFPolicyIdentity	Y
Network Type	Select a network type. The default value is broadcast.	ACIMultiSiteEospf NetworkTypeIdentity	Y
Priority	Provide a priority. The priority must be between 0 and 255. The default value is 1.	gen_text_input	Y
Cost OF Interface	Provide a cost of interface. The cost of interface must be between 0 and 65535. The default value is 0.	gen_text_input	Y
Interface Controls	Select one or more interface controls	ACIMultiSiteInterface ControlsIdentity	
Hello Interval (SECONDS)	Provide a hello interval in seconds. The hello interval must be between 1 and 65535. The default value is 10.	gen_text_input	Y
Dead Interval (SECONDS)	Provide a dead interval in seconds. The dead interval must be between 1 and 65535. The default value is 40.	gen_text_input	Y
Retransmit Interval (SECONDS)	Provide a retransmit interval in seconds. The retransmit interval must be between 1 and 65535. The default value is 5.	gen_text_input	Y
Transmit Delay (SECONDS)	Provide a transmit delay in seconds. The transmit delay must be between 1 and 450. The default value is 1.	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
OUTPUT_MULTI_SITE_IDENTITY	ACI Multi-Site Device Multi Site Identity	MSCDeviceMultiSiteIdentity
OUTPUT_ACI_OSPF_NAME	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicy Identity

Output	Description	Type
OUTPUT_ACI_OSPF_IDENTITY	ACI Multi-Site OSPF Policy Identity	ACIMultiSiteOSPFPolicy Identity

ACI MSC - Update Port to Infra Spine Settings

Summary

ACI MSC - Update Port to Infra Spine Settings.

Description

This task will allow the User to Update Port to Infra Spine Settings of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Port ID	Select a port ID	ACIMultiSiteFabricPorts Identity	Y
IP Address	Provide an IP address formatted as valid_ip/valid_prefix_length. For example: 31.31.31.1/12.	gen_text_input	
MTU	Provide an MTU. The MTU must be between 576 and 9000.	gen_text_input	
OSPF Policy	Select an OSPF policy	ACIMultiSiteOSPFPolicy Identity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_SETTINGS_IDENTITY	Site Setting Identity on which the selected operation was performed	ACIMultiSiteSettings Identity
POD_SETTINGS_IDENTITY	Pod Setting Identity on which the selected operation was performed	ACIMultiSitePodIdentity
OUTPUT_MULTI_SPINE_IDENTITY	ACI Multi-Site Multi Spine Identity	ACIMultiSiteFabricSpine Identity
OUTPUT_MULTI_SPINE_PORT_ID	ACI Multi-Site Multi Spine Port Id	gen_text_input
OUTPUT_MULTI_SPINE_PORT_IDENTITY	ACI Multi-Site Multi Spine Port Identity	ACIMultiSiteFabricPorts Identity

ACI MSC - Update Site

Summary

ACI MSC - Update Site.

Description

This task updates a site from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Site Id	Select a site ID	MSCDeviceSiteIdentity	Y
Site Name	Provide a site name	gen_text_input	Y
Site label	Select a Site label	MSCDeviceLabelIdentity	
APIC CONTROLLER URL	Provide one or more comma-separated APIC controller URLs. For example: http://10.30.113.170/ https://msc-site1-apic1.cisco.com.	gen_text_input	Y
Username	Provide a Username	gen_text_input	Y
Password		password	Y
APIC SITE ID	Provide an APIC site ID between 1 and 255	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SITE_NAME	Site Name on which the selected operation was performed	gen_text_input
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity



ACI MSC - Subnet to EPG on Site Operations

This chapter contains the following sections:

- [ACI MSC - Add Subnet to Site EPG, on page 122](#)
- [ACI MSC - Remove Subnet from Site EPG, on page 123](#)
- [ACI MSC - Update Subnet to Site EPG, on page 124](#)

ACI MSC - Add Subnet to Site EPG

Summary

ACI MSC - Add Subnet to Site EPG.

Description

This task will allow the User to Add Subnet to EPG on Site of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Provide EPG Name	ACIMultiSiteEPGInfoIdentity	Y
Site Name	Provide Site Name	ACIMultiSiteIdentity	Y
Gateway IP	Gateway IP	gen_text_input	Y
Description	Description	gen_text_input	
Scope	Scope	MSCSubnetToBDScopeType	
Shared Between VRFs	Shared Between VRFs?	Boolean	
No Default SVI Gateway	No Default SVI Gateway?	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
EPG_SITE_SUBNET_GATEWAY_IP	Subnet Gateway IP on EPG Site	gen_text_input
SUBNET_TO_EPG_SITE_IDENTITY	Subnet to EPG Site Identity	MSC_SUBNET_TO_EPG_SITE_IDENTITY

ACI MSC - Remove Subnet from Site EPG

Summary

ACI MSC - Remove Subnet from Site EPG.

Description

This task will allow the User to Delete Subnet from EPG on of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Subnet	MSC_SUBNET_TO_EPG_SITE_IDENTITY	Y
Do you want to delete the Subnet from EPG on Site?	Do you want to delete the Subnet from EPG on Site?		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
EPG_SITE_SUBNET_GATEWAY_IP	Subnet Gateway IP on EPG Site	gen_text_input
SUBNET_TO_EPG_SITE_IDENTITY	Subnet to EPG Site Identity	MSC_SUBNET_TO_EPG_SITE_IDENTITY

ACI MSC - Update Subnet to Site EPG

Summary

ACI MSC - Update Subnet to Site EPG.

Description

This task will allow the User to Update Subnet to EPG on Site of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Subnet	MSC_SUBNET_TO_EPG_SITE_IDENTITY	Y
Gateway IP	Gateway IP	gen_text_input	Y
Description	Description	gen_text_input	
Scope	Scope	MSCSubnetToBDScopeType	
Shared Between VRFs	Shared Between VRFs?	Boolean	
No Default SVI Gateway	No Default SVI Gateway?	Boolean	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
APPLICATION_PROFILE_IDENTITY	ACI Multi-site Application Profile Identity	MSCDeviceSchemaApplicationProfileIdentity
EPG_IDENTITY	ACI Multi-site EPGs Identity	ACIMultiSiteEPGIdentity
EPG_INFO_IDENTITY	ACI Multi-site EPG Info Identity	ACIMultiSiteEPGInfoIdentity
EPG_SITE_SUBNET_GATEWAY_IP	Subnet Gateway IP on EPG Site	gen_text_input
SUBNET_TO_EPG_SITE_IDENTITY	Subnet to EPG Site Identity	MSC_SUBNET_TO_EPG_SITE_IDENTITY



ACI MSC - Template Operations

This chapter contains the following sections:

- [ACI MSC - Add Template to Schema, on page 126](#)
- [ACI MSC - Remove Template from Schema, on page 127](#)

ACI MSC - Add Template to Schema

Summary

ACI MSC - Add Template to Schema.

Description

This task adds the template to ACI Multi-Site Schema.

Inputs

Input	Description	Mappable To Type	Mandatory
Schema Name	Schema Name	MSCDeviceSchemaIdentity	Y
Select Tenant	Select a tenant	MSCDeviceTenantIdentity	Y
Display Name	Provide the name of the template	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchema TemplateIdentity

ACI MSC - Remove Template from Schema

Summary

ACI MSC - Remove Template from Schema.

Description

This task deletes a Template from the ACI Multi-Site Schema.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchema TemplateIdentity	Y
Do you want to delete the selected Template From ACI Multi-Site Schema?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input



ACI MSC - Template to Site Operations

This chapter contains the following sections:

- [ACI MSC - Associate Template to Site, on page 130](#)
- [ACI MSC - Deploy Template to Sites, on page 131](#)
- [ACI MSC - Dissociate Template from Site, on page 132](#)
- [ACI MSC - Undeploy Template from Sites, on page 133](#)

ACI MSC - Associate Template to Site

Summary

ACI MSC - Associate Template to Site.

Description

This task will allow the User to associate Schema Template to Site of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Site	Select a site	MSCDeviceSchemaSiteIdentity	Y
Template	Select a template	MSCDeviceSchemaTemplateIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_SCHEMA_SITE	ACI Multi-Site Schema Site Identity	MSCDeviceSchemaSiteIdentity
SITE_INFO_IDENTITY	ACI Multi-Site Site Info Identity	ACIMultiSiteIdentity

ACI MSC - Deploy Template to Sites

Summary

ACI MSC - Deploy Template to Sites.

Description

This task will allow the User to deploy Template to the ACI Multi-Site.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchema TemplateIdentity	Y
Do you want to deploy template to sites?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchema Identity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchema TemplateIdentity

ACI MSC - Dissociate Template from Site

Summary

ACI MSC - Dissociate Template from Site.

Description

This task will allow the User to dissociate Schema Template from Site of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Site	Select a site	MSCDeviceSchemaSiteIdentity	Y
Templates	Select a template	MSCDeviceSchemaTemplateIdentity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchemaTemplateIdentity
ACI_MULTI_SITE_SCHEMA_SITE	ACI Multi-Site Schema Site Identity	MSCDeviceSchemaSiteIdentity

ACI MSC - Undeploy Template from Sites

Summary

ACI MSC - Undeploy Template from Sites.

Description

This task will allow the User to undeploy Template from the ACI Multi-Site.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDeviceSchema TemplateIdentity	Y
Site Name	Select a site name	MSCDeviceSiteIdentity	Y
Do you want to undeploy template from sites?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
SCHEMA_TEMPLATE_IDENTITY	ACI Multi-Site Schema Template Identity	MSCDeviceSchema TemplateIdentity
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity



ACI MSC - Tenant Operations

This chapter contains the following sections:

- [ACI MSC - Create Tenant, on page 136](#)
- [ACI MSC - Delete Tenant, on page 137](#)
- [ACI MSC - Update Tenant, on page 138](#)

ACI MSC - Create Tenant

Summary

ACI MSC - Create Tenant.

Description

This task creates a Tenant on the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
MSC Account Name	MSC Account Name	MSCDeviceIdentity	Y
Display Name	Provide the name of the tenant. This name can be up to 64 alphanumeric characters.	gen_text_input	Y
Description	Provide additional descriptive information for the tenant	gen_text_input	
Associated Sites	Select associated sites	MSCDeviceSiteIdentity	
Security Domains	Select security domains	MSCSiteSecurityDomains Identity	
Associated Users	Select associated users. The admin user is selected by default.	ACIMultiSiteUserIdentity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_TENANT_NAME	ACI Multi-site Tenant Name	gen_text_input
TENANT_IDENTITY	ACI Multi-Site Tenant Identity	MSCDeviceTenantIdentity
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity
USER_IDENTITY	ACI Multi-Site User Identity	ACIMultiSiteUserIdentity

ACI MSC - Delete Tenant

Summary

ACI MSC - Delete Tenant.

Description

This task deletes a Tenant from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select the tenant name to be removed	MSCDeviceTenantIdentity	Y
Do you want to delete the selected Tenant?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_TENANT_NAME	ACI Multi-site Tenant Name	gen_text_input
TENANT_IDENTITY	ACI Multi-Site Tenant Identity	MSCDeviceTenantIdentity

ACI MSC - Update Tenant

Summary

ACI MSC - Update Tenant.

Description

This task updates a Tenant on the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
MSC Account Name	Select a multi-site account name		Y
Tenant Id	Select a tenant ID	MSCDeviceTenantIdentity	Y
Display Name	Provide the name of the tenant. This name can be up to 64 alphanumeric characters.	gen_text_input	Y
Description	Provide additional descriptive information of the tenant	gen_text_input	
Associated Sites	Select associated sites	MSCDeviceSiteIdentity	
Security Domains	Select security domains	MSCSiteSecurityDomainsIdentity	
Associated Users	Select associated users. The admin user is selected by default.	ACIMultiSiteUserIdentity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_TENANT_NAME	ACI Multi-site Tenant Name	gen_text_input
ACI_MULTI_SITE_TENANT_IDENTITY	ACI Multi-site Tenant Identity	gen_text_input
SITE_IDENTITY	ACI Multi-Site Identity	MSCDeviceSiteIdentity
USER_IDENTITY	ACI Multi-Site User Identity	ACIMultiSiteUserIdentity



ACI MSC - User Operations

This chapter contains the following sections:

- [ACI MSC - Create User, on page 140](#)
- [ACI MSC - Delete User, on page 141](#)
- [ACI MSC - Update User, on page 142](#)

ACI MSC - Create User

Summary

ACI MSC - Create User.

Description

This task creates a User on the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
MSC Account Name	Select a multi-site account name	MSCDeviceIdentity	Y
User Name	Provide a username	gen_text_input	Y
Password	Provide a password	password	Y
Confirm Password	Provide the same password for confirmation	password	Y
First Name	Provide the first name of the user	gen_text_input	Y
Last Name	Provide the last name of the user	gen_text_input	Y
Email Address	Provide the email address of the user. For example: test@cisco.com.	gen_text_input	Y
Phone Number	Provide the phone number of the user. For example: 9600000000.	gen_text_input	Y
Account Status	Select an account status. The account can be active or inactive. The default is active.	MSCSiteUserAccount Status	Y
Roles	Select user roles. User roles contain one or more privileges that define the operations allowed for the user who is assigned the role. The system creates a set of default roles, but user-defined roles can be created.	MSCSiteUserRoles Identity	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
USER_NAME	ACI Multi-site User Name	gen_text_input
USER_IDENTITY	ACI Multi-Site User Identity	ACIMultiSiteUserIdentity

ACI MSC - Delete User

Summary

ACI MSC - Delete User.

Description

This task deletes a User from the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
User	Select a user to be removed	ACIMultiSiteUser Identity	Y
Do you want to delete the selected User?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
USER_NAME	ACI Multi-site User Name	gen_text_input
USER_IDENTITY	ACI Multi-Site User Identity	ACIMultiSiteUserIdentity

ACI MSC - Update User

Summary

ACI MSC - Update User.

Description

This task updates a User to the ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
MSC Account Name	Select a multi-site account name		Y
User	Select a user	ACIMultiSiteUser Identity	Y
User Name	Provide a username	gen_text_input	Y
First Name	Provide the first name of the user	gen_text_input	Y
Last Name	Provide the last name of the user	gen_text_input	Y
Email Address	Provide the email address of the user. For example: test@cisco.com.	gen_text_input	Y
Phone Number	Provide the phone number of the user. For example: 9600000000.	gen_text_input	Y
Account Status	Select an account status. The account can be active or inactive. The default is active.	MSCSiteUserAccount Status	Y
Roles	Select user roles. User roles contain one or more privileges that define the operations allowed for the user who is assigned the role. The system creates a set of default roles, but user-defined roles can be created.	MSCSiteUserRoles Identity	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
USER_NAME	ACI Multi-site User Name	gen_text_input
USER_IDENTITY	ACI Multi-Site User Identity	ACIMultiSiteUserIdentity



ACI MSC - VRF Operations

This chapter contains the following sections:

- [ACI MSC - Add VRF to Template, on page 144](#)
- [ACI MSC - Remove VRF from Template, on page 145](#)

ACI MSC - Add VRF to Template

Summary

ACI MSC - Add VRF to Template.

Description

This task will allow the User to add VRF to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select the template	MSCDeviceSchemaTemplate Identity	Y
Display Name	Provide the name of the VRF	gen_text_input	Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
VRF_NAME	ACI Multi-site VRF Name	gen_text_input
VRF_IDENTITY	ACI Multi-site VRF Identity	MSCDeviceSchemaVRFIdentity

ACI MSC - Remove VRF from Template

Summary

ACI MSC - Remove VRF from Template.

Description

This task will allow the User to remove VRF from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VRF	Select a VRF	MSCDeviceSchema VRFIdentity	Y
Do you want to delete the selected VRF?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
VRF_NAME	ACI Multi-site VRF Name	gen_text_input
VRF_IDENTITY	ACI Multi-site VRF Identity	MSCDeviceSchema VRFIdentity



API Usecases

This chapter contains the following sections:

- [Add Netapp Ontap Account, on page 148](#)
- [Add Nexus Account custom task, on page 149](#)
- [AddSRInitiatorComments, on page 150](#)
- [Adding UCSM Account custom task, on page 151](#)
- [Collect Inventory Collection On Selected VM, on page 152](#)
- [Create Custom Workflow Input From CSV custom task, on page 153](#)
- [Create VMware Computing Policy, on page 154](#)
- [Create VMware Network Policy, on page 155](#)
- [Create VMware Storage Policy, on page 156](#)
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- [GetFreeVlansOfVlanPoolPolicy custom task, on page 165](#)
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- [Modify VM Label, on page 167](#)
- [Modify VMWare System Policy - Linux Only, on page 168](#)
- [Ping To Port Custom Task, on page 169](#)
- [SFTPFileUpload custom task, on page 170](#)
- [Send email with attachment custom task, on page 171](#)

Add Netapp Ontap Account

Summary

This task adds a physical account in the category "Storage" and account type "Netapp ONTAP."

Description

The added account is visible under Administration > Physical Accounts > Physical Accounts tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select POD	Pod name		Y
Account Name	Account name to be created	gen_text_input	Y
Server	Server or Filer address	ipaddress	Y
Username	User ID	gen_text_input	Y
Password	password	password	Y
Transport Type	protocol : http/https	gen_text_input	Y
Port	Ex:For Http port is 80,for Https port is 443	gen_text_input	Y
Description	Description	gen_text_input	
Contact Email	Contact email		
Location	Location		
Service Provider	Service provider		

Outputs

No Outputs

Add Nexus Account custom task

Summary

This task adds a Networking device in category "Cisco Nexus OS."

Description

The added network device is visible under Administration > Physical Accounts > Managed Network Elements tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Pod	Select a pod for the Network Device.		Y
Device IP	Provide an IP address for the Network Device	gen_text_input	Y
Protocol	Select the protocol for the Network Device.		Y
Port	Port number		Y
Login	login	gen_text_input	Y
Password	Password	password	Y

Outputs

Output	Description	Type
device		networking_device

AddSRInitiatorComments

Summary

This task adds Initiator comments to any SR. To add comments to the current SR enter SR id as 0.

Description

The Initiator comments are visible under Organization > Service Requests and associated with the Service Request specified in the specified workflow call.

Inputs

Input	Description	Mappable To Type	Mandatory
SR ID	Specify Service Request Id for which initiator comments need to be added	gen_text_input	Y
Comments	Specify the Input Field Comments for the Service Request specified by srid	gen_text_input	Y

Outputs

No Outputs

Adding UCSM Account custom task

Summary

This task adds an account in the category "Computing" and of type "UCSM."

Description

You can find the account that was added under Administration > Physical Accounts > Physical Accounts tab.

Inputs

Input	Description	Mappable To Type	Mandatory
Select POD	Pod name		Y
Account Name	Name of the account going to be created.	gen_text_input	Y
Server	Ip of the UCSM account	ipaddress	Y
Username	Username of the UCSM account.	gen_text_input	Y
Password	password	password	Y
Transport Type	protocol can be http/https	gen_text_input	Y
Port	Ex:For Http port is 80,for Https port is 443	gen_text_input	Y
Description	Description	gen_text_input	
Contact Email	Contact email		
Location	Location		
Service Provider	Service provider		

Outputs

No Outputs

Collect Inventory Collection On Selected VM

Summary

This task collects inventory on selected VM(s).

Description

This task collects inventory on selected VM(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select one VM	vm	Y

Outputs

No Outputs

Create Custom Workflow Input From CSV custom task

Summary

This task reads data from a CSV file and creates custom workflow input.

Description

Before running this task, ensure a CSV file uploaded to the server. For example, in the path /opt/Demo.csv. The uploaded CSV file should contain data in the the following format: Texas,1 Florida,2 Oklahoma,44 California,17 The lov will be registered with the provided lovname. You can find the registered lov under Policies > Orchestration >Custom Workflow Input. Note:Do not edit the registered Custom Workflow Input from UCSD GUI. Otherwise, the data will differ between the CSV file and the UCSD database. If you want to update the lov then update the CSV file accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
CSV File Name With Path	Provide the full path of the CSV file.Ex - /opt/Demo.csv	gen_text_input	Y
Lov Name	Provide a lov name which will be created.	gen_text_input	Y
Input Type	Input Type must be selected as Generic Text Input/gen_text_input		Y

Outputs

No Outputs

Create VMware Computing Policy

Summary

The task is used to create VMWare compute policy.

Description

The task accepts VDC profile, Compute Policy Name,Description, Cluster, Resource pool as input and creates a VMWare compute policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hipervisor Policies -> Computing -> Create VMware Computing Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select vDC Profile	vDCProfile	Y
Compute Policy Name	Provide a Computing policy name which will be created	gen_text_input	Y
Description		gen_text_input	
Cluster	Select Cluster name	clusterList	Y
Resource Pool	Select Resource pool from The popup table	vmwareResourcePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_COMPUTING_POLICY_NAME	It returns created Policy Name	gen_text_input

Create VMware Network Policy

Summary

The task is used to Create VMWare Network Policy.

Description

The task accepts VDC profile, Network Policy Name, Description, Nic Alias, Port Group, Static IP Pool as input and creates a VMWare Network policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hipervisor Policies -> Network -> Create VMware Network Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select the vDC profile	vDCProfile	Y
Network Policy Name	Provide a Network policy name which will be created	gen_text_input	Y
Description	It defines the description of policy	gen_text_input	
NIC Alias	Provide a NIC name which will be created	gen_text_input	Y
Port Group	Select the valid Port Group	vmwareVmPortGroup Identity	Y
Static IP Pool	Select which static IP Pool you need.	VMWareIPPoolPolicy	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	It returns created Policy Name	gen_text_input

Create VMware Storage Policy

Summary

The task is used to create VMware Storage Policy.

Description

The task accepts VDC profile, Storage Policy Name, Description, Datastores/Datastore Clusters Scope and Value for the selected scope as input and creates a VMware Storage Policy. The newly created policy can be accessed from the following location : Policies -> Virtual/Hypervisor Policies -> Storage -> VMware Storage Policy

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Profile	Select vDC Profile	vDCProfile	Y
Storage Policy Name	Provide VMware Storage Policy Name	gen_text_input	Y
Description	Policy Description	gen_text_input	
Datastores/Datastore Clusters Scope	Specify type of data store/datastore clusters scope: include/exclude or all	gen_text_input	
Select Datastores	List of data stores selected for include/exclude	dataStoreName	Y
Select Datastore Clusters	List of Datastore Clusters for include/exclude	dataStoreClusterName	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	Name of the VMware Storage Policy Created by the task	gen_text_input

Create VMware System Policy

Summary

The task Creates a VMware system Policy.

Description

The task creates a VMware System Policy. A VMware System Policy defines the system specific information such as the template to use, time zone, OS specific information and the domain in which the VM must be provisioned, for a VM to be provisioned. It gives created VMware System Policy name as output.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM name	gen_text_input	
VM Name Validation Policy	Enter a valid VM Name Validation Policy	gen_text_input	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On	Needs to be powered on after provisioning?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Host Name Validation Policy	Enter a valid Hostname Validation Policy	gen_text_input	
Linux Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Linux VM Max Boot Wait Time in Minutes	Linux VM Max Boot Wait Time	gen_text_input	Y
DNS Domain	DNS Domain	gen_text_input	Y
DNS Suffix List	DNS Suffix List	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	
VM Image Type	VM Image Type	gen_text_input	Y
Product ID	Product ID	gen_text_input	
License Owner Name	Full name of license owner	gen_text_input	Y
Organization	Name of the Organization	gen_text_input	Y
License Mode	License Mode	gen_text_input	Y
Number Of License Users	Number of license users for the OS	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Primary WINS	Primary WIN Server, Enter valid IPV4 IP address	gen_text_input	
Secondary WINS	Secondary WIN Server, Enter valid IPV4 IP address	gen_text_input	
Windows VM Max Boot Wait Time in Minutes	Windows VM Max Boot Wait Time	gen_text_input	Y
Create a Unique SID	Create a unique SID for the new system	Boolean	
Auto Logon	Automatically logon after system powers	Boolean	
Auto Logon Count	Automatically logon for the number of times as specified	gen_text_input	
Administrator Password	Password used for auto Logon and system deployment	password	Y
Windows Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Domain/Workgroup	Belongs to a Windows domain or workgroup?	gen_text_input	Y
Domain	Domain	gen_text_input	Y
Domain Username	Domain Username	gen_text_input	Y
Domain Password	Domain Password	password	Y
Workgroup	Specify workgroup name	gen_text_input	Y
Define VM Annotation	After you select this option, you can define the VM annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	Name of VMware System Policy created by the task	gen_text_input

ExportUCSDAssets

Summary

This task exports all assets at provided location on server in zip format.

Description

This task exports all UCSD assets: - activities - workflows - tasks - activities and - script modules at provided location on server in zip format.

Inputs

Input	Description	Mappable To Type	Mandatory
File Name		gen_text_input	Y
Target Directory		gen_text_input	Y

Outputs

Output	Description	Type
exportFilePath	Generated file location	gen_text_input

Fetch VMs for SR

Summary

List of VMs provisioned by Workflow

Description

This task is to fetch list of VMs provisioned by completed workflow

Inputs

Input	Description	Mappable To Type	Mandatory
SR Id	Enter SR Id	gen_text_input	Y

Outputs

No Outputs

Generate License Utilization History Report CSV File

Summary

Generates License Utilization History Report CSV File for user specified period.

Description

Generates License Utilization History Report CSV File and uploads at /opt/infra/web_cloudmgr/apache-tomcat/webapps/cloupia/cloudmgr/reports/csv folder for a user specified period, i.e., previous day/ week/month/year. The CSV file location information will be provided as task output.

Inputs

Input	Description	Mappable To Type	Mandatory
Report time period	Select time period to generate the report		Y

Outputs

Output	Description	Type
url	Report CSV file url	gen_text_input

Get Email Setup

Summary

Retrieves email setup information

Description

Task returns mail setup information if available otherwise logs the error message as Mail settings are not available. Please configure Mail setup from Administration menu using System and Mail setup tab

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
smtpServer	SMTP Server	gen_text_input
smtpUser	SMTP User name	gen_text_input
smtpPort	SMTP Port details	gen_text_input
password	Password	password
cuicIpAddress	CUIC IP Address	gen_text_input
fromEmailAddress	From Email Address	email_address_list

Get Login Profile

Summary

Get the user profile details

Description

This task is to get the profile details of user such as First name, Last Name, Access Level, Email Id, Group Name and Group Id

Inputs

Input	Description	Mappable To Type	Mandatory
Username	Enter username	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_FIRSTNAME	First Name	gen_text_input
OUTPUT_LASTNAME	Last Name	gen_text_input
OUTPUT_ROLE	Access Level	gen_text_input
OUTPUT_EMAILID	Email Id	gen_text_input
OUTPUT_GROUPNAME	Group Name	gen_text_input
OUTPUT_GROUPID	Group Id	gen_text_input

Get VMware VM Details

Summary

Get details of a selected VMware VM.

Description

It will get details of a selected VMware VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select a VM	vm	Y

Outputs

Output	Description	Type
OUTPUT_OVERVIEW_VM_ID	VM Id	gen_text_input
OUTPUT_OVERVIEW_INSTANCE_NAME	Instance Name	gen_text_input
OUTPUT_OVERVIEW_STATUS	Power Status	gen_text_input
OUTPUT_OVERVIEW_IP_ADDRESS	VM IP Address	gen_text_input
OUTPUT_OVERVIEW_HOSTNAME	VM Hostname	gen_text_input
OUTPUT_OVERVIEW_CLOUD_NAME	Cloud Name	gen_text_input
OUTPUT_OWNERSHIP_GROUP	Group Name	gen_text_input
OUTPUT_OWNERSHIP_VDC	VDC Name	gen_text_input
OUTPUT_OVERVIEW_FOLDER	VM Folder	gen_text_input
OUTPUT_OVERVIEW_VCENTER_VM_ID	VCenter VM Id	gen_text_input
OUTPUT_RESOURCES_CPU_SHARES	CPU Shares	gen_text_input
OUTPUT_RESOURCES_MEMORY_MB	Resources Memory in MB	gen_text_input
OUTPUT_GUEST_INFORMATION_GUEST_OS	Guest OS	gen_text_input
OUTPUT_STORAGE_NO_OF_DISKS	Number of disks	gen_text_input

GetFreeVlansOfVlanPoolPolicy custom task

Summary

This task provides the number of free VLANS available inside the specified VLAN pool policy.

Description

This task provides the number of free VLANS available inside the specified VLAN pool policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Vlan Pool Policy Name	Vlan pool policy name.		Y

Outputs

Output	Description	Type
noOfFreeVlans	It contains the no of free vlans in a VLAN Pool Policy	gen_text_input

Modify SCSI Controller Type

Summary

Modify SCSI Controller Type to LSI Logic SAS

Description

This task is to modify SCSI Controller Type to LSI Logic SAS for selected VM

Inputs

Input	Description	Mappable To Type	Mandatory
VM Id	Select VM	vm	Y
Account IP Address	Enter VMWare Account IP Address	gen_text_input	Y
Username	Enter Account Username	gen_text_input	Y
Password	Enter Account password	password	Y

Outputs

No Outputs

Modify VM Label

Summary

Modify VM Label for VM

Description

This task is to add/update VM Label of the provided VM

Inputs

Input	Description	Mappable To Type	Mandatory
VM Id	Select VM Id	vm	Y
VM Label	Enter VM Label	gen_text_input	Y

Outputs

No Outputs

Modify VMWare System Policy - Linux Only

Summary

To update a VMware system Policy with Linux Only VM Image Type

Description

This task is to update VMWare system policy with Linux only attributes

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM name	gen_text_input	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On	Needs to be powered on after provisioning?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Linux Time Zone	Please click on help icon to get to know valid list of time zones	gen_text_input	Y
Linux VM Max Boot Wait Time in Minutes	Linux VM Max Boot Wait Time		Y
DNS Domain	DNS Domain	gen_text_input	Y
Define VM Annotation	After you select this option, you can define the VM annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	Updated VMWare System Policy Name	gen_text_input

Ping To Port Custom Task

Summary

Test if a device is reachable or not.

Description

Ping to a device with the given IP Address and Wait Time (for response) and see if it is reachable or not.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Ip Address of the Device to ping	gen_text_input	Y
Wait Time	Timeout Duration	gen_text_input	

Outputs

Output	Description	Type
isReachable	It shows whether the Device (ipAddress) is Reachable or not	gen_text_input

SFTPFileUpload custom task

Summary

This task uploads the file to the specified location.

Description

This task locates the file specified in the local file path field and uploads to the specified remote directory (absolute path) using SFTP client.

Inputs

Input	Description	Mappable To Type	Mandatory
User Name	User name of the remote server	gen_text_input	Y
Password	password of the remote server	gen_text_input	Y
Host Name	IP address or Host name of the remote server	gen_text_input	Y
Remote directory absolute path	Remote server location to upload the file	gen_text_input	Y
Local File Path	Local file path location where the file is located	gen_text_input	Y

Outputs

No Outputs

Send email with attachment custom task

Summary

Creates an email with attachment sends it to the specified email address

Description

The tasks creates an email and attaches the file from the location specified by the user as input parameter.

Inputs

Input	Description	Mappable To Type	Mandatory
Email Address(To)	Email address of the person you are sending the email	email_address_list	Y
Email subject	Email subject	gen_text_input	
Email body	Email body	gen_text_input	
Email attachment location path	File location	gen_text_input	Y

Outputs

No Outputs



APIC

This chapter contains the following sections:

- [Get VLAN From Deployed Device Cluster 5_3](#), on page 174
- [GetL4L7DeviceNtpSnmpParameters](#), on page 175

Get VLAN From Deployed Device Cluster 5_3

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster		ApicDeviceTenantDeviceClusterIdentity	Y
Service Container		ServiceContainer	
Tier1		gen_text_input	
Tier2		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ASAV_VLAN1		vlanID
OUTPUT_ASAV_VLAN2		vlanID
SP_VNICs	Service Profile vNICs	ucsServiceProfileMultiVNICIdentity
UCS_Account	UCS Account	ucsAccountIdentity
ConfigureUCSM	ConfigureUCSM	gen_text_input

GetL4L7DeviceNtpSnmParameters

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
serviceContainer		ServiceContainer	Y

Outputs

Output	Description	Type
ntpServer		gen_text_input
snmpTrapClass		gen_text_input
snmpTrapDestination		gen_text_input
snmpCommunity		gen_text_input
snmpPermission		gen_text_input
snmpName		gen_text_input
snmpGroup		gen_text_input
snmpAuthType		gen_text_input
snmpAuthPwd		password
snmpPrivType		gen_text_input
snmpPrivPwd		password
isNetworkParameters		Boolean



APIC - Access Policies - Attachable Access Entity Profile Operations

This chapter contains the following sections:

- [Add APIC Application EPG to Attachable Access Entity Profile, on page 178](#)
- [Add APIC Domain to Attachable Access Entity Profile, on page 179](#)
- [Configure Hypervisor Function To APIC Entity Profile, on page 180](#)
- [Create APIC Attachable Access Entity Profile, on page 181](#)
- [Delete APIC Application EPG from Attachable Access Entity Profile, on page 182](#)
- [Delete APIC Attachable Access Entity Profile, on page 183](#)
- [Delete Domain from Access Entity Profile, on page 184](#)
- [Update APIC Application EPG to Attachable Access Entity Profile, on page 185](#)
- [Update APIC Attachable Access Entity Profile, on page 186](#)

Add APIC Application EPG to Attachable Access Entity Profile

Summary

Add APIC Application EPG to Attachable Access Entity Profile.

Description

This task allows User to add APIC Application EPG to Attachable Access Entity Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Attachable Entity Profile Name	Select attachable entity profile name	ApicAssociatedAttachableEntityProfileIdentity	Y
EPG Name	Select an EPG name.	ApicDeviceTenantEPGIdentity	Y
Encap	Enter Port Encap VLAN	gen_text_input	Y
Primary Encap	Enter Primary MICRO-SEG VLAN	gen_text_input	
Mode	Select Mode	ACIApicModeIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
EPG_ENTITY_PROFILE	Associated Attachable Entity EPG Profile	gen_text_input
EPG_ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile EPG Identity	ApicAssociatedAttachableEntityProfileEPGIdentity

Add APIC Domain to Attachable Access Entity Profile

Summary

Add APIC Domain to Attachable Access Entity Profile.

Description

This task add Domain to an attachable access entity profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Attachable Entity Profile Name	Select attachable entity profile name	ApicAssociatedAttachableEntityProfileIdentity	Y
Domain Profile	Provide Domain Profile	ApicVMNetworkingDomainProfileIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
DOMAIN_PROFILE	DomainProfile	gen_text_input
EPG_ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile EPG Identity	ApicAssociatedAttachableEntityProfileEPGIdentity

Configure Hypervisor Function To APIC Entity Profile

Summary

Configure hypervisor functions in an entity profile.

Description

This task creates and deletes one or more hypervisor functions in an entity profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Attachable Entity Profile Name	Select an Attachable entity profile name.	ApicAssociatedAttachableEntityProfileIdentity	Y
Hypervisor Functions	Provide one or more Hypervisor Function entries.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity

Create APIC Attachable Access Entity Profile

Summary

Create an attachable access entity profile.

Description

This task creates an attachable access entity profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Entity Profile Name	Enter the Attachable entity profile name.	gen_text_input	Y
Description	Enter the description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Enable Infrastructure Vlan	Check this option to Enable Infrastructure Vlan. By default, this field is Unchecked.	Boolean	
Domain Profile	Select a Domain profile.	ApicVMNetworkingDomainProfileIdentity	
Interface Policy Group	Select an interface policy group.	ApicFabricInterfacePolicyGroupIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
DOMAIN_PROFILE	DomainProfile	gen_text_input
DOMAIN_TYPE	DomainType	gen_text_input
DOMAIN_PROFILE_IDENTITY	Domain Profile Identity	ApicDeviceTenantDomainToEPGIdentity
ACCESS_PORT_POLICY_GROUP	Access Port Policy Group Name	gen_text_input
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicyGroupIdentity

Delete APIC Application EPG from Attachable Access Entity Profile

Summary

Delete APIC Application EPG from Attachable Access Entity Profile.

Description

This task allows User to delete APIC Application EPG from Attachable Access Entity Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Application EPG Name	Select application EPG Name	ApicAssociatedAttachableEntityProfileEPGIdentity	Y
Do you want to delete the selected Application EPG from AEP?	Delete Application EPG Name		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
EPG_ENTITY_PROFILE	Associated Attachable Entity EPG Profile	gen_text_input
EPG_ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile EPG Identity	ApicAssociatedAttachableEntityProfileEPGIdentity

Delete APIC Attachable Access Entity Profile

Summary

Delete an attachable access entity profile.

Description

This task deletes an attachable access entity profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Attachable Entity Profile Name	Select an Attachable entity profile name to delete.	ApicAssociatedAttachableEntityProfileIdentity	Y
Do you want to delete the selected Attached Entity Profile?	Do you want to delete the selected Attached Entity Profile?		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
DOMAIN_TYPE	DomainType	gen_text_input
DOMAIN_PROFILE_IDENTITY	Domain Profile Identity	ApicDeviceTenantDomainToEPIdentity

Delete Domain from Access Entity Profile

Summary

Delete Domain from Access Entity Profile.

Description

This task allows User to delete Domain from Access Entity Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Domain	Select Domain to delete it from Access Entity Profile	apicAepDomainIdentity	Y

Outputs

No Outputs

Update APIC Application EPG to Attachable Access Entity Profile

Summary

Update APIC Application EPG to Attachable Access Entity Profile.

Description

This task allows User to update APIC Application EPG to Attachable Access Entity Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Application EPG Name	Select application EPG Name	ApicAssociatedAttachableEntityProfileEPGIdentity	Y
Encap	Enter Port Encap VLAN	gen_text_input	Y
Primary Encap	Enter Primary MICRO-SEG VLAN	gen_text_input	
Mode	Select Mode	ACIApicModeIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
EPG_ENTITY_PROFILE	Associated Attachable Entity EPG Profile	gen_text_input
EPG_ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile EPG Identity	ApicAssociatedAttachableEntityProfileEPGIdentity

Update APIC Attachable Access Entity Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Attachable Entity Profile Name	Select attachable entity profile name to modify	ApicAssociatedAttachableEntityProfileIdentity	Y
Description	Provide description for entity profile	gen_text_input	
Enable Infrastructure Vlan	Select Enable Infrastructure Vlan	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity



APIC - Access Policies - Interface Policies Operations

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- [Update CDP Interface Policy in APIC, on page 217](#)

Add Interface To APIC Interface Profile

Summary

Add an interface to an interface profile.

Description

This task adds an interface to an interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Profile	Select Interface Profile.	ApicDeviceTenantInterfaceProfileIdentity	Y
Path Type	Choose a path type. The type can be Port, Direct Port Channel or Virtual Port Channel. The default value is 'Port'.	gen_text_input	Y
Path	Select Static Path.	ApicDeviceStaticPathIdentity	Y
Target DSCP	Enter Target DSCP. The valid range is 0 to 64.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity
OUTPUT_TENANT_INTERFACE_PROFILE_IDENTITY	Interface Profile Identity	ApicDeviceTenantInterfaceProfileIdentity
FABRIC_PHYSICAL_INTERFACE_IDENTITY	APIC Physical Interface Identity	ApicFabricPhysicalInterfaceIdentity

Add Routed Interface to Logical Interface Profile

Summary

Add routed interface to a logical interface profile.

Description

This task adds a routed interface profile to a logical interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Profile	Select Logical Interface Profile.	ApicDeviceTenant LogicalInterface ProfileIdentity	Y
Routed Interface	Check this option for Routed Interface Configuration. By default, this box is checked.		Y
Routed Path	Select Routed Path.	ApicDeviceStatic PathIdentity	Y
Routed IP Address	Enter Routed IP Address. For example: 31.31.31.1.	ipaddress	Y
Routed IP Prefix	Enter Routed IP Prefix. The valid range is 0 to 30.	gen_text_input	Y
Routed MAC Address	Enter Routed MAC address. Format: E.E.E, EE-EE-EE-EE-EE-EE, EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	
Routed MTU(bytes)	Enter Routed MTU value, MTU should be in the range 1500 to 9216. The default value is 1500.	gen_text_input	Y
Routed Target DSCP	Enter Routed Target DSCP. The valid range is 0 to 64.	gen_text_input	
Link-local address	Enter the Link Local Address in IPv6 format. For example: 1a:2b:3c:4d:5e:6f:7g:8h.	gen_text_input	
SVI	Check this option to configure SVI. By default, this field is unchecked.		Y
SVI Path Type	Choose SVI path type. The type can be Port, Direct Port Channel, Virtual Port Channel. The default value is 'Port'.	gen_text_input	Y
SVI Path	Select SVI path.	ApicDeviceStatic PathIdentity	Y
SVI Encapsulation	Enter Encapsulation for SVI. Format example: vlan-1.	gen_text_input	
SVI IP Address	Enter SVI IP Address. Format example: 31.31.31.1.	gen_text_input	Y

Add Routed Interface to Logical Interface Profile

Input	Description	Mappable To Type	Mandatory
Link-local address	Enter the Link Local Address in IPv6 format. Ex 1a:2b:3c:4d:5e:6f:7g:8h.	gen_text_input	
Side A SVI IP Address	Enter SVI IP Address for side A. Format example: 31.31.31.1.	ipaddress	Y
Side B SVI IP Address	Enter SVI IP Address for side B. Format example: 31.31.31.1.	ipaddress	Y
SVI MAC Address	Enter SVI MAC address.Format: E.E.E or EE-EE-EE-EE-EE-EE or EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	
SVI MTU(bytes)	Enter SVI MTU value, MTU should be in the range 1500 to 9216. The default value is 1500.	gen_text_input	Y
SVI Target DSCP	Enter SVI Target DSCP. The valid range is 0 to 64.	gen_text_input	
Mode	Choose Mode. The mode can be Access (802.1P), Trunk or Access (Untagged). The default value is 'Trunk'.	gen_text_input	
Routed Sub-Interface	Check this option to configure Routed sub interface. By default, this field is unchecked.		Y
Routed Sub Interface Path	Select Routed Sub Interface Path.	ApicDeviceStatic PathIdentity	Y
Routed Sub Interface Encapsulation	Enter Encapsulation for Routed sub interface . Format example: vlan-1.	gen_text_input	
Routed Sub Interface IP Address	Enter Routed sub interface IP Address. Format example: 31.31.31.1.	ipaddress	Y
Routed Sub Interface IP Prefix	Enter Routed sub interface Prefix. The valid range is 0 to 30.	gen_text_input	Y
Routed Sub Interface MAC Address	Enter Routed sub interface MAC address. Format: E.E.E, EE-EE-EE-EE-EE-EE, EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	
Routed Sub Interface MTU(bytes)	Enter Routed sub interface MTU value, MTU should be in the range 1500 to 9216. The default value is 1500.	gen_text_input	Y
Routed Sub Interface Target DSCP	Enter Routed sub interface Target DSCP. The valid range is 0 to 64.	gen_text_input	
Link-local address	Enter the Link Local Address in IPv6 format. For example: 1a:2b:3c:4d:5e:6f:7g:8h.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
FABRIC_PHYSICAL_INTERFACE_IDENTITY	APIC Physical Interface Identity	ApicFabricPhysicalInterfaceIdentity
FABRIC_PHYSICAL_SVI_INTERFACE_IDENTITY	APIC Physical SVI Interface Identity	gen_text_input
FABRIC_PHYSICAL_ROUTED_SUB_INTERFACE_IDENTITY	APIC Physical Routed Sub Interface Identity	gen_text_input

Create APIC LLDP Interface Policy

Summary

Create an LLDP interface policy.

Description

This task creates a link layer discovery protocol (LLDP) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter LLDP Interface Policy name.	gen_text_input	Y
Description	Enter a description of the LLDP Interface Policy. Up to 128 characters are allowed.	gen_text_input	
Receive State	Select enabled or disabled to enable or disable Receive State. Default state is enabled.	gen_text_input	
Transmit State	Select enabled or disabled to enable or disable Transmit State. Default state is enabled.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LLDP_INTERFACE_POLICY	Fabric LLDP Interface policy	gen_text_input
FABRIC_LLDP_INTERFACE_POLICY_IDENTITY	Fabric LLDP Interface policy Identity	ApicFabricLLDPInterfacePolicyIdentity

Create APIC Port Channel Policy

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter Port Channel Policy name.	gen_text_input	Y
Description	Enter a description of the Port Channel Policy. Up to 128 characters are allowed.	gen_text_input	
Mode	Select Mode of Port Channel. Default Mode is Static Channel - Mode On.	gen_text_input	
Fast Select Hot Standby Ports	Check to enable Fast Select Hot Standby Ports. Default value is checked.	Boolean	
Graceful Convergence	Check to enable Graceful Convergence. Default value is checked.	Boolean	
Load Defer Member Ports	Check to enable Load Defer Member Ports. Default value is unchecked.	Boolean	
Suspend Individual Port	Check to enable Suspend Individual Port. Default value is checked.	Boolean	
Minimum Number of Links:	Enter Minimum number of links between 1 and 16.	gen_text_input	Y
Maximum Number of Links:	Enter Maximum number of links between 1 and 16.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_PORT_CHANNEL_POLICY	Fabric Port Channel policy	gen_text_input
FABRIC_PORT_CHANNEL_POLICY_IDENTITY	Fabric Port Channel policy Identity	ApicFabricPortChannelPolicyIdentity

Create APIC VPC Domain Policy

Summary

Create an APIC VPC domain policy.

Description

This task creates a virtual port channel (VPC) domain policy on APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account to add a VPC Domain Policy.	ApicDeviceIdentity	Y
VPC Domain Name	Enter VPC peer Domain name.	gen_text_input	Y
Description	Enter additional description to VPC peer Domain. Up to 128 characters are allowed.	gen_text_input	
Peer Dead Interval	Enter peer dead interval between 5 and 600. Default value is 200.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
OUTPUT_VPC_DOMAIN_POLICY	Fabric VPC Domain policy	gen_text_input
OUTPUT_VPC_DOMAIN_POLICY_IDENTITY	Fabric VPC Domain policy Identity	ApicFabricVPCDomain Identity

Create APIC VPC Explicit Protection Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Name	Enter a name.	gen_text_input	Y
Id	Enter Logical pair Id between 1 and 1000.	gen_text_input	Y
VPC Domain Policy	Select VPC Domain Policy.	ApicFabricVPCDomainIdentity	
Switch 1	Select Switch 1.	ApicFabricLeafActiveNode Identity	Y
Switch 2	Select Switch 2.	ApicFabricLeafActiveNode Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VPC_NAME	VPC Fabric Name	gen_text_input
FABRIC_VPC_ID	VPC Fabric Id	gen_text_input
FABRIC_VPC_IDENTITY	VPC Fabric Name Identity	ApicFabricVPCExplicit ProtectionGroupIdentity
FABRIC_VPC_DOMAIN_POLICY_IDENTITY	VPC Fabric Domain Identity	ApicFabricVPCDomainIdentity
FABRIC_VPC_SWITCH_ONE_IDENTITY	VPC Fabric Switch One Identity	ApicFabricLeafActiveNode Identity
OUTPUT_FABRIC_VPC_SWITCH_TWO_IDENTITY	VPC Fabric Switch Two Identity	ApicFabricLeafActiveNode Identity

Create APIC vPC Interface Policy Group

Summary

Create a vPC interface policy group.

Description

This task creates a vPC interface policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Name	Enter a policy group name.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Link Level Policy	Select Link level policy.	ApicFabricLinkLevelPolicy Identity	
CDP Policy	Select CDP Policy.	ApicFabricCDPInterfacePolicy Identity	
LLDP Policy	Select LLDP Policy.	ApicFabricLLDPInterfacePolicy Identity	
Attached Entity Profile	Select Attached Entity Profile.	ApicAssociatedAttachableEntity ProfileIdentity	
Port-Channel Policy	Select Port-Channel Policy.	ApicFabricPortChannelPolicy Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
VPC_INTERFACE_POLICY_GROUP	vPC Interface Policy Group Name	gen_text_input
VPC_INTERFACE_POLICY_GROUP_IDENTITY	vPC Interface Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity
FABRIC_LINK_LEVEL_POLICY	Fabric Link Level policy	gen_text_input
FABRIC_LINK_LEVEL_POLICY_IDENTITY	Fabric Link Level policy Identity	ApicFabricLinkLevelPolicy Identity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input

Output	Description	Type
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterfacePolicyIdentity
FABRIC_LLDP_INTERFACE_POLICY	Fabric LLDP Interface policy	gen_text_input
FABRIC_LLDP_INTERFACE_POLICY_IDENTITY	Fabric LLDP Interface policy Identity	ApicFabricLLDPInterfacePolicyIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
FABRIC_PORT_CHANNEL_POLICY	Fabric Port Channel policy	gen_text_input
FABRIC_PORT_CHANNEL_POLICY_IDENTITY	Fabric Port Channel policy Identity	ApicFabricPortChannelPolicyIdentity

Create Access Switch Policy Group in APIC

Summary

Create access switch policy group in APIC.

Description

This task creates an access switch policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select APIC Account	ApicDeviceIdentity	Y
Name	Enter an APIC Switch Policy Group name.	gen_text_input	Y
Description	Enter an additional description of the APIC Switch Policy Group. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LEAF_POLICY_GROUP	Fabric Leaf Policy Group	gen_text_input
FABRIC_LEAF_POLICY_GROUP_IDENTITY	Fabric Leaf Policy Group Identity	ApicFabricSwitchLeafPolicyGroupIdentity

Create CDP Interface Policy in APIC

Summary

Create a CDP Interface policy.

Description

This task creates a Cisco discovery protocol (CDP) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter a CDP Interface Policy name.	gen_text_input	Y
Description	Enter additional description of CDP Interface Policy. Up to 128 characters are allowed.	gen_text_input	
Admin State	Select a state to enabled or disabled to Admin. Default value is enabled	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterfacePolicyIdentity

Create Leaf Access Port Policy Group in APIC

Summary

Create leaf access port policy group in APIC.

Description

This task creates a leaf access port policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Provide APIC Account Name	ApicDeviceIdentity	Y
Access Port Policy Group Name	Access Port Policy Group Name	gen_text_input	Y
Description	Description	gen_text_input	
Link Level Policy	Link Level Policy	ApicFabricLinkLevelPolicy Identity	
CDP Policy	CDP Policy	ApicFabricCDPInterfacePolicy Identity	
LLDP Policy	LLDP Policy	ApicFabricLLDPInterfacePolicy Identity	
Attached Entity Profile	Attached Entity Profile	ApicAssociatedAttachableEntity ProfileIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ACCESS_PORT_POLICY_GROUP	Access Port Policy Group Name	gen_text_input
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity
FABRIC_LINK_LEVEL_POLICY	Fabric Link Level policy	gen_text_input
FABRIC_LINK_LEVEL_POLICY_IDENTITY	Fabric Link Level policy Identity	ApicFabricLinkLevelPolicy Identity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterface PolicyIdentity
FABRIC_LLDP_INTERFACE_POLICY	Fabric LLDP Interface policy	gen_text_input

Output	Description	Type
FABRIC_LLDP_INTERFACE_POLICY_IDENTITY	Fabric LLDP Interface policy Identity	ApicFabricLLDPInterfacePolicyIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity

Create Leaf Profile in APIC

Summary

Create leaf profile in APIC.

Description

This task creates a leaf profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter an APIC Switch Profile name.	gen_text_input	Y
Description	Enter additional description about an APIC Switch profile. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfile Identity

Create Link Level Policy in APIC

Summary

Create a link level policy.

Description

This task creates a link level policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter Link Level Policy name.	gen_text_input	Y
Description	Enter additional description about Link Level Policy. Up to 128 characters are allowed.	gen_text_input	
Auto Negotiation	Select On or Off for Auto Negotiation. Default value is on.	gen_text_input	
Speed	Select Link Level Policy Speed. Default Speed value is 10G.	gen_text_input	
Link debounce interval(msec)	Enter Link debounce interval (msec) between 0 and 5000. Default interval value is 100.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LINK_LEVEL_POLICY	Fabric Link Level policy	gen_text_input
FABRIC_LINK_LEVEL_POLICY_IDENTITY	Fabric Link Level policy Identity	ApicFabricLinkLevelPolicy Identity

Create PC Interface APIC Policy Group

Summary

Create a PC interface policy group.

Description

This task creates a PC interface policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Name	Enter a policy group name.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Link Level Policy	Select Link level policy	ApicFabricLinkLevelPolicy Identity	
CDP Policy	Select CDP Policy	ApicFabricCDPInterfacePolicy Identity	
LLDP Policy	Select LLDP Policy	ApicFabricLLDPInterfacePolicy Identity	
Attached Entity Profile	Select Attached Entity Profile	ApicAssociatedAttachableEntity ProfileIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
PC_INTERFACE_POLICY_GROUP	PC Interface Policy Group Name	gen_text_input
PC_INTERFACE_POLICY_GROUP_IDENTITY	PC Interface Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity
FABRIC_LINK_LEVEL_POLICY	Fabric Link Level policy	gen_text_input
FABRIC_LINK_LEVEL_POLICY_IDENTITY	Fabric Link Level policy Identity	ApicFabricLinkLevelPolicy Identity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterface PolicyIdentity
FABRIC_LLDP_INTERFACE_POLICY	Fabric LLDP Interface policy	gen_text_input

Output	Description	Type
FABRIC_LLDP_INTERFACE_POLICY_IDENTITY	Fabric LLDP Interface policy Identity	ApicFabricLLDPInterfacePolicyIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity

Delete APIC LLDP Interface Policy

Summary

Delete an LLDP interface policy.

Description

This task deletes a link layer discovery protocol (LLDP) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select an APIC LLDP Interface Policy.	ApicFabricLLDPInterfacePolicy Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LLDP_INTERFACE_POLICY	Fabric LLDP Interface policy	gen_text_input
FABRIC_LLDP_INTERFACE_POLICY_IDENTITY	Fabric LLDP Interface policy Identity	ApicFabricLLDPInterfacePolicyIdentity

Delete APIC PC Interface Policy Group

Summary

Delete a PC interface policy group.

Description

This task deletes a PC interface policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
PC Interface Policy Group Name	Select a PC Interface Policy Group name.	ApicFabricInterfacePolicy GroupIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
PC_INTERFACE_POLICY_GROUP	PC Interface Policy Group Name	gen_text_input
PC_INTERFACE_POLICY_GROUP_IDENTITY	PC Interface Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity

Delete APIC Port Channel Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select an APIC Port Channel Policy.	ApicFabricPortChannelPolicy Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_PORT_CHANNEL_POLICY	Fabric Port Channel policy	gen_text_input
FABRIC_PORT_CHANNEL_POLICY_IDENTITY	Fabric Port Channel policy Identity	ApicFabricPortChannel PolicyIdentity

Delete APIC VPC Domain Policy

Summary

Delete an APIC (VPC) domain policy.

Description

This task deletes a virtual port channel (VPC) domain policy from APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
VPC Domain Name	Select VPC Domain name from an APIC.	ApicFabricVPCDomain Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
OUTPUT_VPC_DOMAIN_POLICY	Fabric VPC Domain policy	gen_text_input
OUTPUT_VPC_DOMAIN_POLICY_IDENTITY	Fabric VPC Domain policy Identity	ApicFabricVPCDomain Identity

Delete APIC VPC Explicit Protection Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
VPC Explicit Protection Name	Select a VPC Explicit Protection name.	ApicFabricVPCExplicitProtectionGroupIdentity	Y
Do you want to delete the selected VPC Explicit Protection Name?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VPC_NAME	VPC Fabric Name	gen_text_input
FABRIC_VPC_ID	VPC Fabric Id	gen_text_input
FABRIC_VPC_IDENTITY	VPC Fabric Name Identity	ApicFabricVPCExplicitProtectionGroupIdentity

Delete APIC vPC Interface Policy Group

Summary

Delete an vPC interface policy group.

Description

This task deletes a vPC interface policy group from the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
vPC Interface Policy Group Name	Select a vPC Interface Policy Group name.	ApicFabricInterfacePolicy GroupIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
VPC_INTERFACE_POLICY_GROUP	vPC Interface Policy Group Name	gen_text_input
VPC_INTERFACE_POLICY_GROUP_IDENTITY	vPC Interface Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity

Delete Access Switch Policy Group in APIC

Summary

Delete access switch policy group in APIC.

Description

This task deletes an access switch policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select Leaf Policy Group.	ApicFabricSwitchLeafPolicyGroup Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LEAF_POLICY_GROUP	Fabric Leaf Policy Group	gen_text_input
FABRIC_LEAF_POLICY_GROUP_IDENTITY	Fabric Leaf Policy Group Identity	ApicFabricSwitchLeafPolicyGroupIdentity

Delete CDP Interface Policy in APIC

Summary

Delete a CDP interface policy.

Description

This task deletes a Cisco discovery protocol (CDP) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select CDP Interface Policy.	ApicFabricCDPInterfacePolicy Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterfacePolicyIdentity

Delete Leaf Access Port Policy Group in APIC

Summary

Delete leaf access port policy group in APIC.

Description

This task deletes a leaf access port policy group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Policy Group Name	Select the name of the Access Port Policy Group to be removed.	ApicFabricInterfacePolicy GroupIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
ACCESS_PORT_POLICY_GROUP	Access Port Policy Group Name	gen_text_input
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity

Delete Leaf Profile in APIC

Summary

Delete leaf profile in APIC.

Description

This task deletes a leaf profile from the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select an APIC Switch profile	ApicFabricSwitchProfileIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfileIdentity

Delete Link Level Policy in APIC

Summary

Delete a link level policy.

Description

This task deletes a link level policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select an APIC Link Level Policy Group name.	ApicFabricLinkLevelPolicy Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_LINK_LEVEL_POLICY	Fabric Link Level policy	gen_text_input
FABRIC_LINK_LEVEL_POLICY_IDENTITY	Fabric Link Level policy Identity	ApicFabricLinkLevelPolicy Identity

Update CDP Interface Policy in APIC

Summary

Update a CDP interface policy.

Description

This task updates a Cisco discovery protocol (CDP) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select CDP Interface Policy.	ApicFabricCDPInterfacePolicyIdentity	Y
Description	Enter a description of the CDP Interface Policy. Up to 128 characters are allowed.	gen_text_input	
Admin State	Select enabled or disabled to enable or disable Admin State.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_CDP_INTERFACE_POLICY	Fabric CDP Interface policy	gen_text_input
FABRIC_CDP_INTERFACE_POLICY_IDENTITY	Fabric CDP Interface policy Identity	ApicFabricCDPInterfacePolicyIdentity



APIC - Access Policies - Interface Profiles Operations

This chapter contains the following sections:

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- [Add Access Sub Port Block To Interface Access Port Selector, on page 221](#)
- [Add Access Sub Port Block to FEX Profile Port Selector, on page 222](#)
- [Associate Access Port Selector To APIC Interface Profile, on page 223](#)
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Add Access Port Block to Access Port Selector in APIC Interface Profile

Summary

Add Access Port Block to Access Port Selector in APIC Interface Profile.

Description

This task configures the port block of an interface profile to which the leaf profile is applied. The access port block enables you to specify a range of interfaces. The port block can be located on one or more modules.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToInterfaceProfileIdentity	Y
Interface IDs	Enter Interface IDs	gen_text_input	Y
Description	Enter description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric Access Port Block to Port Selector Identity	APIC_FABRIC_ACCESS_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Add Access Sub Port Block To Interface Access Port Selector

Summary

Add Access Sub Port Block To Interface Access Port Selector.

Description

This task configures the sub-port block of interface profile to which the leaf profile has to be applied. The sub port block is used for grouping ports between the node and the sub-interfaces. The sub-port block can be located on one or more modules.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToInterfaceProfileIdentity	Y
Interface IDs	Enter Interface IDs	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_ACCESS_PORT_SELECTOR_TO_INTERFACE_PROFILE_IDENTITY	Fabric Access Port Selector to Interface Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity
FABRIC_SUB_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric sub port block Access port selector Identity	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Add Access Sub Port Block to FEX Profile Port Selector

Summary

Add Access Sub Port Block to FEX Profile Port Selector.

Description

This task configures the sub-port block of FEX profile to which the leaf profile has to be applied. The sub port block is used for grouping ports between the node and the sub-interfaces. The sub-port block can be located on one or more modules.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select Access Port Selector	ApicFabricAccessPortSelectorToFexProfileIdentity	Y
Interface IDs	Enter Interface IDs	gen_text_input	Y
Description	Enter description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESS_PORT_SELECTOR_TO_FEX_PROFILE_IDENTITY	Fabric Access Port Selector to FEX Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity
OUTPUT_SUB_PORT_BLK_TO_FEX_PROFILE_ACCESS_PORT_SEL_ID	Fabric Access Sub Port Block to Port Selector FEX ID	gen_text_input
OUTPUT_SUB_PORT_BLK_TO_FEX_PROFILE_ACCESS_PORT_SEL_IDENTITY	Fabric Access Sub Port Block to Port Selector FEX Identity	ApicFabricAccessSubPortBlockToFexProfilePortSelector

Associate Access Port Selector To APIC Interface Profile

Summary

Associate an access port selector to an interface profile.

Description

This task creates access port selector for the APIC interface profile. If needed, you can associate a FEX profile or an interface policy group to the APIC interface profile. The ID range of the FEX profile is from 101 to 199.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Profile	Select an interface profile name.	ApicFabricInterfaceProfileIdentity	Y
Name	Enter the access port selector name.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Interface IDs	Enter the interface IDs. For example: 1/13, 1/15, 2/22-2/24, 2/16-3/16.	gen_text_input	Y
Connected to Fex	Check this option for Connected to Fex. By default, this field is Unchecked.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicyGroupIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACCESS_PORT_SELECTOR_TO_INTERFACE_PROFILE_IDENTITY	Fabric Access Port Selector to Interface Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity

Associate Interface Selector Profile To APIC Switch Profile

Summary

Associate an interface selector profile to a switch profile.

Description

This task associates an interface selector profile to a switch profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Switch Profile	Select a Fabric switch profile.	ApicFabricSwitchProfileIdentity	Y
Interface Selector Profile	Select a Fabric Interface Selector profile.	ApicFabricInterfaceProfile Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfile Identity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfile Identity
FABRIC_INTERFACE_SELECTOR_PROFILE_TO_SWITCH_PROFILE_IDENTITY	Fabric Interface Profile To Switch Profile Identity	ApicFabricInterfaceSelector ProfileToSwitchProfile Identity

Associate Leaf Selector to Leaf Profile in APIC Switch Profiles

Summary

Associate Leaf Selector to Leaf Profile in APIC Switch Profiles.

Description

This task associates a leaf selector to a leaf profile in switch profiles on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Switch Profile	Select a Fabric switch profile.	ApicFabricSwitchProfileIdentity	Y
Name	Enter an Associate Switch Selector name.	gen_text_input	Y
Leaf	Select one or more Leaf(s) to associate Switch Selector to Switch Profile.	ApicFabricLeafNodeIdentity	Y
Policy Group	Select Fabric Policy Group.	ApicFabricSwitchLeafPolicyGroupIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfileIdentity
FABRIC_LEAF_NODE_IDENTITY	APIC Fabric Leaf Node Identity	ApicFabricLeafNodeIdentity
FABRIC_LEAF_NODE_ID	APIC Fabric Leaf Node ID	gen_text_input

Configure APIC Interface PC and VPC

Summary

Configure a port channel or virtual port channel interface type.

Description

This task configures a port channel or virtual port channel interface type.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Selector Profile to Switch Profile	Select Interface Selector Profile to Switch Profile.	ApicFabricInterfaceSelectorProfileToSwitchProfileIdentity	Y
Access Port Selector	Select an access port selector.	ApicFabricAccessPortSelectorToInterfaceProfileIdentity	Y
Interface Type	Select an interface Type. Default value is Individual.	gen_text_input	Y
Interface Policy Group	Select an interface policy group.	ApicFabricInterfacePolicyGroupIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicyGroupIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input

Create APIC FEX Profile

Summary

Creating Fabric FEX Profile on APIC.

Description

This task creates an APIC FEX profile which enables you to configure FEX interfaces.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select Account	ApicDeviceIdentity	Y
Name	Enter FEX Profile Name	gen_text_input	Y
Description	Enter FEX Profile description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity

Create APIC Interface Profile

Summary

Create an interface profile.

Description

This task creates an interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter an interface Profile name.	gen_text_input	Y
Description	Enter additional Interface Profile description. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity

Create Access Port Block To APIC FEX Profile Port Selector

Summary

Create Access Port Block To APIC FEX Profile Port Selector.

Description

This task configures the port block of FEX profile to which the leaf profile has to be applied. The access port block enables you to specify a range of interfaces. The port block can be located on one or more modules.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToFexProfileIdentity	Y
Interface IDs	Interface IDs	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPortSelectorToFexProfileIdentity
FABRIC_ACESS_PORT_FEX_PROFILE_INTERFACE_IDENTITY	Access Port Fabric FEX Profile Access Port Selector Interface Identity	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY

Create Access Port Selector To APIC FEX Profile

Summary

Create Access Port Selector To APIC FEX Profile.

Description

This task creates an access port selector on a FEX profile. The access port selector is used for grouping ports between the node and the host (such as a hypervisor or a breakout port).

Inputs

Input	Description	Mappable To Type	Mandatory
FEX Profile	Select FEX profile name	ApicFabricFexProfileIdentity	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Interface IDs	Interface IDs	gen_text_input	Y
Interface Policy Group	Select Interface Policy Group	ApicFabricInterfacePolicyGroup Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
ACCESS_PORT_POLICY_GROUP_IDENTITY	Access Port Policy Group Name Identity	ApicFabricInterfacePolicy GroupIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPort SelectorToFexProfileIdentity

Delete APIC FEX Profile

Summary

Deleting Fabric FEX Profile on APIC.

Description

This task deletes the APIC FEX profile from leaf. If you delete the FEX profile, the nodes and policies that use this profile will get impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Select FEX Profile	Select FEX Profile	ApicFabricFexProfile Identity	Y
Do you want to delete the selected Fex Profile?	Do you want to delete the selected Fex Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity

Delete APIC Interface Profile

Summary

Delete an interface profile.

Description

This task deletes an interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Profile	Select a Fabric interface profile.	ApicFabricInterfaceProfile Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfile Identity

Delete Access Port Block From APIC FEX Profile Port Selector

Summary

Delete Access Port Block From APIC FEX Profile Port Selector.

Description

This task deletes the access port block of FEX profile from the leaf. If you delete the access port block, the nodes and policies that use this port block will get impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY	Y
Do you want to delete the selected Fex Profile Access Port Selector Interface?	Do you want to delete the selected Fex Profile Access Port Selector Interface?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPortSelectorToFexProfileIdentity
FABRIC_ACESS_PORT_FEX_PROFILE_INTERFACE_IDENTITY	Access Port Fabric FEX Profile Access Port Selector Interface Identity	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY

Delete Access Port Selector From APIC FEX Profile

Summary

Delete Access Port Selector From APIC FEX Profile.

Description

This task deletes the access port selector from FEX profile. If you delete the access port selector, the nodes and policies that use the access port selector will get impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToFexProfileIdentity	Y
Do you want to delete the selected Fex Profile Access Port Selector?	Do you want to delete the selected Fex Profile Access Port Selector?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity

Delete Access Port Selector From APIC Interface Profile

Summary

Delete an access port selector from an interface profile.

Description

This task deletes an access port selector from an interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select an access port selector to delete.	ApicFabricAccessPortSelectorToInterfaceProfileIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity

Delete Access Sub Port Block From FEX Profile Port Selector

Summary

Delete Access Sub Port Block From FEX Profile Port Selector.

Description

This task deletes the access sub-port block of FEX profile from the leaf. If you delete the access sub-port block, the nodes and policies that use this sub-port block will get impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Sub Port Block	Select Access Sub Port Block	ApicFabricAccessSubPortBlockToFexProfilePortSelector	Y
Do you want to delete the selected Sub Port Block from Fex Profile Access Port Selector?	Delete Sub Port Block		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
OUTPUT_SUB_PORT_BLK_TO_FEX_PROFILE_ACCESS_PORT_SEL_IDENTITY	Fabric Access Sub Port Block to Port Selector FEX Identity	ApicFabricAccessSubPortBlockToFexProfilePortSelector

Delete Access Sub Port Block From Interface Profile Port Selector

Summary

Delete Access Sub Port Block From Interface Profile Port Selector.

Description

This task deletes the access sub-port block of interface profile from the leaf. If you delete the access sub-port block, the nodes and policies that use this sub-port block will get impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Sub Port Block	Select access sub port block	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_ACCESS_PORT_SELECTOR_TO_INTERFACE_PROFILE_IDENTITY	Fabric Access Port Selector to Interface Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity
FABRIC_SUB_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric sub port block Access port selector Identity	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Delete Interface Selector Profile From APIC Switch Profile

Summary

Delete an interface selector profile from a switch profile.

Description

This task deletes an interface selector profile from a switch profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Selector Profile to Switch Profile	Select Interface Selector Profile to Switch Profile.	ApicFabricInterfaceSelectorProfileToSwitchProfileIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfileIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_INTERFACE_SELECTOR_PROFILE_TO_SWITCH_PROFILE_IDENTITY	Fabric Interface Profile To Switch Profile Identity	ApicFabricInterfaceSelectorProfileToSwitchProfileIdentity

Disassociate Leaf Selector to Leaf Profile in APIC Switch Profiles

Summary

Disassociate leaf selector to leaf profile in APIC switch profiles.

Description

This task disassociate a leaf selector from a leaf profile in the APIC switch profiles on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Switch Selector	Select Switch Selector from an APIC Switch Profile.	ApicFabricSwitchSelectorToSwitchProfileIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_SWITCH_PROFILE	Fabric Switch Profile	gen_text_input
FABRIC_SWITCH_PROFILE_IDENTITY	Fabric Switch Profile Identity	ApicFabricSwitchProfileIdentity

Remove Access Port Block from Access Port Selectors in APIC Interface Profile

Summary

Remove Access Port Block from Access Port Selectors in APIC Interface Profile.

Description

This task removes an access port block from access port selectors in an interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Block	Select access port block	APIC_FABRIC_ACCESS_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric Access Port Block to Port Selector Identity	APIC_FABRIC_ACCESS_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Update Access Port Block To APIC FEX Profile Port Selector

Summary

Update Access Port Block To APIC FEX Profile Port Selector.

Description

This task updates the port block of FEX profile to which the leaf profile has been applied.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Access Port Block	Select Access Port Block	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY	Y
From Module	Enter the value for From Module	gen_text_input	Y
From Port	Enter the value for From Port	gen_text_input	Y
To Module	Enter the value for To Module	gen_text_input	Y
To Port	Enter the value for To Port	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPortSelectorToFexProfileIdentity
FABRIC_ACESS_PORT_FEX_PROFILE_INTERFACE_IDENTITY	Access Port Fabric FEX Profile Access Port Selector Interface Identity	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY

Update Access Port Block to Access Port Selector in APIC Interface Profile

Summary

Update Access Port Block to Access Port Selector in APIC Interface Profile.

Description

This task updates the access port block of an interface profile from the leaf. If you delete the access port block, the nodes and policies that use this port block are impacted.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Block	Select access port block	APIC_FABRIC_ACCESS_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY	Y
From Module	Enter the value for From Module	gen_text_input	Y
From Port	Enter the value for From Port	gen_text_input	Y
To Module	Enter the value for To Module	gen_text_input	Y
To Port	Enter the value for To Port	gen_text_input	Y
Description	Enter description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric Access Port Block to Port Selector Identity	APIC_FABRIC_ACCESS_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Update Access Port Selector To APIC Fex Profile

Summary

Update Access Port Selector To APIC Fex Profile.

Description

This task updates the description and policy group of the access port selector details.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToFexProfileIdentity	Y
Name	Name	gen_text_input	
Description	Description	gen_text_input	
Type	Type	gen_text_input	
Interface Policy Group	Select Interface Policy Group	ApicFabricInterfacePolicyGroupIdentity	
Port Blocks	Enter Port Blocks	gen_text_input	Y
Sub Port Blocks	Enter Sub Port Blocks	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPortSelectorToFexProfileIdentity
FABRIC_ACESS_PORT_FEX_PROFILE_INTERFACE_IDENTITY	Access Port Fabric FEX Profile Access Port Selector Interface Identity	APIC_ACCESS_PORT_FABRIC_FEX_PROFILE_PORT_BLOCK_IDENTITY

Update Access Port Selector To APIC Interface Profile

Summary

Update Access Port Selector To Interface Profile.

Description

This task updates the interface policy group or FEX profile that is associated to the APIC interface profile. The ID range of the FEX profile is from 101 to 199.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Port Selector	Select access port selector	ApicFabricAccessPortSelectorToInterfaceProfileIdentity	Y
Name	Enter the Name	gen_text_input	
Description	Description	gen_text_input	
Type	Type	gen_text_input	
Port Blocks	Enter Port Blocks	gen_text_input	Y
Sub Port Blocks	Enter Sub Port Blocks	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE	Fabric Interface Profile	gen_text_input
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_INTERFACE_ID	Fabric Access Port Selector Interface ID	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESSPORT_SELECTOR_FEX_PROFILE_ID	Fabric Access Port Selector FEX ID	gen_text_input
FABRIC_ACESS_PORT_FEX_PROFILE_IDENTITY	Access Port Fabric FEX Profile Identity	ApicFabricAccessPortSelectorToFexProfileIdentity

Update Access Sub Port Block From Fex Profile Port Selector

Summary

Update Access Sub Port Block From Fex Profile Port Selector.

Description

This task updates the sub-port block of FEX profile to which the leaf profile has been applied.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Sub Port Block	Select Access Sub Port Block	ApicFabricAccessSubPortBlockToFexProfilePortSelector	Y
From Module	Enter the value for From Module	gen_text_input	Y
From Port	Enter the value forFrom Port	gen_text_input	Y
To Module	Enter the value for To Module	gen_text_input	Y
To Port	Enter the value for To Port	gen_text_input	Y
From Sub Port	Enter the value for From Sub Port	gen_text_input	Y
To Sub Port	Enter the value for To Sub Port	gen_text_input	Y
Description	Enter the Description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_FEX_PROFILE	Fabric FEX Profile	gen_text_input
FABRIC_FEX_PROFILE_IDENTITY	Fabric FEX Profile Identity	ApicFabricFexProfileIdentity
FABRIC_ACCESS_PORT_SELECTOR_TO_FEX_PROFILE_IDENTITY	Fabric Access Port Selector to FEX Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity
FABRIC_SUB_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric Access Sub Port Block to Port Selector Identity	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY

Update Access Sub Port Block To Interface Profile Port Selector

Summary

Update Access Sub Port Block To Interface Profile Port Selector.

Description

This task updates the sub-port block of interface profile to which the leaf profile has been applied.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Sub Port Block	Select access sub port block	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY	Y
From Module	Enter the value for From Module	gen_text_input	Y
From Port	Enter the value for From Port	gen_text_input	Y
To Module	Enter the value for To Module	gen_text_input	Y
To Port	Enter the value for To Port	gen_text_input	Y
From Sub Port	Enter the value for From Sub Port	gen_text_input	Y
To Sub Port	Enter the value for To Sub Port	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_INTERFACE_PROFILE_IDENTITY	Fabric Interface Profile Identity	ApicFabricInterfaceProfileIdentity
FABRIC_ACCESS_PORT_SELECTOR_TO_INTERFACE_PROFILE_IDENTITY	Fabric Access Port Selector to Interface Profile Identity	ApicFabricAccessPortSelectorToInterfaceProfileIdentity
FABRIC_SUB_PORT_BLOCK_ACCESS_PORT_SELECTOR_IDENTITY	Fabric sub port block Access port selector Identity	APIC_FABRIC_ACCESS_SUB_PORT_BLOCK_TO_ACCESS_PORT_SELECTOR_IDENTITY



APIC - Access Policies - Pool Operations

This chapter contains the following sections:

- [Add Vlan Range To Vlan Pool in APIC, on page 248](#)
- [Create Vlan Pool in APIC, on page 249](#)
- [Delete Vlan Pool in APIC, on page 250](#)
- [Delete Vlan Range From Vlan Pool in APIC, on page 251](#)

Add Vlan Range To Vlan Pool in APIC

Summary

Add a VLAN range to a VLAN pool.

Description

This task adds a VLAN range to a VLAN pool on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Vlan Pool Name	Select VLAN Pool.	ApicVlanPoolIdentity	Y
Range From	Enter From Range. Value must be between 1 and 4094.	gen_text_input	Y
Range To	Enter To Range. Value must be between 1 and 4094.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VLAN_POOL	Fabric Vlan Pool	gen_text_input
FABRIC_VLAN_POOL_IDENTITY	Fabric Vlan Pool Identity	ApicVlanPoolIdentity
FABRIC_VLAN_RANGE	Fabric Vlan Range	gen_text_input
FABRIC_VLAN_RANGE_IDENTITY	Fabric Vlan Range Identity	ApicVlanRangeIdentity

Create Vlan Pool in APIC

Summary

Create a VLAN pool.

Description

This task creates a VLAN pool on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select an APIC account.	ApicDeviceIdentity	Y
Name	Enter a VLAN Pool name.	gen_text_input	Y
Description	Enter a description of the VLAN Pool. Up to 128 characters are allowed.	gen_text_input	
Allocation Mode	Select Dynamic Static Allocation Mode.	ApicVlanPoolAllocation Mode	Y
Block Range	Enter one or more Block Ranges. Use commas to separate ranges: 1-2, 3-4, 5-11. All values must be between 1 and 4094.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VLAN_POOL	Fabric Vlan Pool	gen_text_input
FABRIC_VLAN_POOL_IDENTITY	Fabric Vlan Pool Identity	ApicVlanPoolIdentity
FABRIC_VLAN_RANGE	Fabric Vlan Range	gen_text_input
FABRIC_VLAN_RANGE_IDENTITY	Fabric Vlan Range Identity	ApicVlanRangeIdentity

Delete Vlan Pool in APIC

Summary

Delete a VLAN pool.

Description

This task deletes a VLAN pool on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select a VLAN Pool.	ApicVlanPoolIdentity	Y
Do you want to delete the selected Vlan Pool?	Do you want to delete the selected Vlan Pool?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VLAN_POOL	Fabric Vlan Pool	gen_text_input
FABRIC_VLAN_POOL_IDENTITY	Fabric Vlan Pool Identity	ApicVlanPoolIdentity

Delete Vlan Range From Vlan Pool in APIC

Summary

Delete a VLAN range from a VLAN pool.

Description

This task deletes a VLAN range from a VLAN pool on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select Range from VLAN Pool.	ApicVlanRangeIdentity	Y
Do you want to delete the selected Vlan Range?	Do you want to delete the selected Vlan Range?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
FABRIC_VLAN_POOL	Fabric Vlan Pool	gen_text_input
FABRIC_VLAN_POOL_IDENTITY	Fabric Vlan Pool Identity	ApicVlanPoolIdentity
FABRIC_VLAN_RANGE	Fabric Vlan Range	gen_text_input
FABRIC_VLAN_RANGE_IDENTITY	Fabric Vlan Range Identity	ApicVlanRangeIdentity



APIC - Application Profile Operations

This chapter contains the following sections:

- [Create APIC Tenant Application Profile, on page 254](#)
- [Delete APIC Tenant Application Profile, on page 255](#)

Create APIC Tenant Application Profile

Summary

Create a tenant application profile.

Description

This task creates a tenant application profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Application Profile	Enter a name for the application profile.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Alias	Enter an alias, a changeable name for an object. Unlike the name of an object, the alias can be changed.	gen_text_input	
Tags	Select comma seperated Tag(s)	ApicDeviceTagIdentity	
QOS	Choose a QoS class. Specify any one of these values: level1, level2, level3, unspecified. The default value is 'level1'.	gen_text_input	
Monitoring Policy	Select a monitoring policy.	ApicDeviceTenant MonitoringPolicyIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantAppln ProfileIdentity
DEVICE_TENANT_MONITORING_POLICY	Apic Monitoring Policy	gen_text_input
DEVICE_TENANT_MONITORING_POLICY_IDENTITY	Apic Monitoring Policy Identity	ApicDeviceTenant MonitoringPolicyIdentity
DEVICE_TENANT_TAG_IDENTITY	Apic Tag Identity	ApicDeviceTagIdentity

Delete APIC Tenant Application Profile

Summary

Delete a tenant application profile.

Description

This task deletes a tenant application profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Profile Name	Select an application profile.	ApicDeviceTenantApplnProfileIdentity	Y
Do you want to delete the selected Tenant Application Profile?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input



APIC - Bridge Domain Operations

This chapter contains the following sections:

- [Add DHCP Label To APIC Tenant Bridge Domain, on page 258](#)
- [Create APIC Tenant Bridge Domain, on page 260](#)
- [Create Subnet To APIC Bridge Domain, on page 262](#)
- [Delete APIC Tenant Bridge Domain, on page 264](#)
- [Delete DHCP Label From APIC Tenant Bridge Domain, on page 265](#)
- [Delete Subnet From APIC Bridge Domain, on page 266](#)
- [Modify APIC Tenant Bridge Domain, on page 267](#)
- [Update Subnet To APIC Bridge Domain, on page 269](#)

Add DHCP Label To APIC Tenant Bridge Domain

Summary

Add a DHCP label to tenant bridge domain.

Description

This task adds a dynamic host configuration protocol (DHCP) label to a tenant bridge domain for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain	Select a bridge domain.	ApicDeviceTenantBridgeDomain Identity	Y
scope	Choose Scope, either infra or tenant.	gen_text_input	Y
DHCP Relay Name For Tenant	Select a DHCP Relay name for Tenant.	ApicDeviceTenantDhcpRelay Identity	Y
DHCP Relay Name For Infra	Select a DHCP Relay name for Infra.	ApicDeviceFabricDhcpRelay Identity	Y
DHCP Option Policy	Select a DHCP Option Policy.	ApicDeviceTenantDhcpOption PolicyIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridge DomainIdentity
TENANT_DHCP_RELAY_NAME	DHCP Relay Name	gen_text_input
TENANT_DHCP_RELAY_IDENTITY	DHCP Relay Identity	ApicDeviceTenantDhcpRelay Identity
TENANT_DHCP_SCOPE	DHCP Scope	gen_text_input
TENANT_DHCP_SCOPE_IDENTITY	DHCP Scope Identity	ApicDeviceTenantDhcpScope Identity
TENANT_DHCP_OPTION_POLICY_NAME	DHCP Option Policy Name	gen_text_input

Output	Description	Type
TENANT_DHCP_OPTION_POLICY_IDENTITY	DHCP Option Policy Identity	ApicDeviceTenantDhcpOptionPolicyIdentity
TENANT_BRIDGE_DOMAIN_DHCP_LABEL_IDENTITY	Bridge doamind DHCP label Identity	ApicDeviceTenantBridgeDomainDhcpLabelIdentity
FABRIC_DHCP_RELAY_NAME	Fabric DHCP Relay Name	gen_text_input
FABRIC_DHCP_RELAY_IDENTITY	Fabric DHCP Relay Identity	ApicDeviceFabricDhcpRelayIdentity

Create APIC Tenant Bridge Domain

Summary

Create a tenant bridge domain.

Description

This task creates a bridge domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Provide Tenant Name	ApicDeviceTenantIdentity	Y
Bridge Domain Name	Provide Bridge Domain Name	gen_text_input	Y
Description	Description	gen_text_input	
Network	Provide Network	ApicDeviceTenantPrivateNetworkIdentity	
Forwarding	Select the forwarding parameters	gen_text_input	
L2 Unknown Unicast	Select the L2 Unicast parameter	gen_text_input	
Unknown Multicast Flooding	Select Multicast parameter	gen_text_input	
ARP Flooding	Select this option to enable ARP flooding	Boolean	
Unicast Routing	Select this option to enable Unicast routing	Boolean	
Custom MacAddress	Select this option to Configure the Bridge Domain macaddress		
MacAddress	Macaddress configuration	gen_text_input	
Endpoint Dataplane Learning	Check this option to enable Endpoint Dataplane Learning. The default value is true.	gen_text_input	
Limit IP Learning To Subnet	Check this option to Limit IP Learning To Subnet. The default value is true.	gen_text_input	
IGMP Snoop Policy	IGMP Snoop Policy	ApicDeviceTenantIGMPPolicyIdentity	
Associated L3 Out	Provide associated L3 Out	ApicDeviceTenantL3OutIdentity	
L3 Out for Route Profile	L3 out for Route Profile	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	
Monitoring Policy	Provide Monitoring Policy	ApicDeviceTenantMonitoringPolicyIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity

Create Subnet To APIC Bridge Domain

Summary

Create a subnet to a bridge domain.

Description

This task creates a subnet to a bridge domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain	Select a bridge domain.	ApicDeviceTenant BridgeDomainIdentity	Y
Gateway IP (Address)	Enter a gateway IP address in the format i.i.i.i. Ex: 10.1.1.1	ipaddress	Y
Gateway IP (Prefix)	Enter a gateway IP prefix in the range 1 to 30.	gen_text_input	Y
Shared Subnet	Check this option to enable Subnet Control for a shared subnet. The default value is false.	Boolean	
Public Subnet	Check this option to enable Subnet Control for a public subnet. The default value is false.	Boolean	
Private Subnet	Check this option to enable Subnet Control for a private subnet. The default value is true.	Boolean	
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Subnet Control (Querier IP)	Check this option to enable Subnet Control. The default value is false.	Boolean	
L3 Out for Route Profile	Select L3 Out for Route Profile	ApicDeviceTenantL3Out Identity	
Route Profile	Select a Route profile.	ApicDeviceTenant RoutedProfileToExt RoutedNetworkIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Output	Description	Type
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_SUBNET_NAME	Subnet Name	gen_text_input
TENANT_SUBNET_IDENTITY	Subnet Identity	gen_text_input
TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY	Subnet Identity	ApicTenantSubnetToBridgeDomainIdentity

Delete APIC Tenant Bridge Domain

Summary

Delete a tenant bridge domain.

Description

This task deletes a bridge domain for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Select a bridge domain name.	ApicDeviceTenantBridgeDomainIdentity	Y
Do you want to delete the selected Tenant Bridge Domain?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity

Delete DHCP Label From APIC Tenant Bridge Domain

Summary

Delete a DHCP label from a tenant bridge domain in UCSD.

Description

This task deletes a dynamic host configuration protocol (DHCP) label from a tenant bridge domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
DHCP Relay Name	Select a DHCP Relay Label name.	ApicDeviceTenantBridgeDomainDhcpLabelIdentity	Y
Do you want to delete the selected DHCP Label from Tenant Bridge Domain?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
TENANT_DHCP_RELAY_NAME	DHCP Relay Name	gen_text_input
TENANT_DHCP_RELAY_IDENTITY	DHCP Relay Identity	ApicDeviceTenantDhcpRelayIdentity

Delete Subnet From APIC Bridge Domain

Summary

Delete a subnet from a bridge domain.

Description

This task deletes a subnet from a bridge domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Select a subnet.	ApicTenantSubnetToBridge DomainIdentity	Y
Do you want to delete the selected Subnet From Bridge Network?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridge DomainIdentity
TENANT_SUBNET_NAME	Subnet Name	gen_text_input
TENANT_SUBNET_IDENTITY	Subnet Identity	gen_text_input

Modify APIC Tenant Bridge Domain

Summary

Modify a tenant bridge domain.

Description

This task modifies a tenant bridge domain on the APIC controller. A bridge domain represents a Layer 2 forwarding construct within the fabric.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Domain Name	Select a bridge domain name.	ApicDeviceTenantBridgeDomainIdentity	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Network	Select a network.	ApicDeviceTenantPrivateNetworkIdentity	
L2 Unknown Unicast	Choose the L2 Unicast parameter, either flood or hardware proxy. The default value is 'flood'.	gen_text_input	
Unknown Multicast Flooding	Choose the Multicast parameter, either flood or optimized flood. The default value is 'flood'.	gen_text_input	
ARP Flooding	Check this option to enable ARP flooding. The default value is false.	Boolean	
Unicast Routing	Check this option to enable Unicast routing. The default value is false.	Boolean	
Custom MacAddress	Check this option to configure the Bridge Domain MAC address.		
MacAddress	Enter a MAC address in the format aa:bb:cc:dd:ee:ff. For example: 11:22:33:44:55:66:77:88.	gen_text_input	
Endpoint Dataplane Learning	Check this option to enable Endpoint Dataplane Learning. The default value is true.	gen_text_input	
Limit IP Learning To Subnet	Check this option to Limit IP Learning To Subnet. The default value is true.	gen_text_input	
IGMP Snoop Policy	Select an IGMP Snoop Policy.	ApicDeviceTenantIGMPPolicyIdentity	
Associated L3 Out	Select an associated L3 Out.	ApicDeviceTenantL3OutIdentity	

Input	Description	Mappable To Type	Mandatory
L3 Out for Route Profile	Select an L3 Out for Route profile.	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	
Monitoring Policy	Select a Monitoring policy.	ApicDeviceTenantMonitoringPolicyIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity

Update Subnet To APIC Bridge Domain

Summary

Update a subnet on a bridge domain.

Description

This task updates a subnet on a bridge domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Select a subnet.	ApicTenantSubnetToBridgeDomainIdentity	Y
Shared Subnet	Check this option to enable Subnet Control for a shared subnet. The default value is false.	Boolean	
Public Subnet	Check this option to enable Subnet Control for a public subnet. The default value is false.	Boolean	
Private Subnet	Check this option to enable Subnet Control for a private subnet. The default value is true.	Boolean	
Subnet Control (Querier IP)	Check this option to enable Subnet Control. The default value is false.	Boolean	
L3 Out for Route Profile	Select L3 Out for the route profile.	ApicDeviceTenantL3OutIdentity	
Route Profile	Select a route profile.	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input

Output	Description	Type
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
TENANT_SUBNET_NAME	Subnet Name	gen_text_input
TENANT_SUBNET_IDENTITY	Subnet Identity	gen_text_input



APIC - Container Task Operations

This chapter contains the following sections:

- [APIC Wrapper, on page 272](#)
- [Add APIC Private Network Profile, on page 273](#)
- [Assign APIC Tenant to Group, on page 274](#)
- [Delete APIC Contract Result, on page 275](#)
- [Get APIC Contract Entities, on page 276](#)
- [Get APIC Contracts, on page 278](#)
- [Get APIC Security Rules, on page 279](#)
- [Invoke APIC Rollback WorkFlow, on page 280](#)
- [Invoke APIC WorkFlow, on page 281](#)
- [Persist APIC Container Network Result, on page 283](#)
- [Persist APIC Contract Result, on page 285](#)

APIC Wrapper

Summary

Create an APIC wrapper.

Description

This task creates a APIC wrapper.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter Tenant Name	gen_text_input	Y
Application Profile Name	Enter Application Profile Name	gen_text_input	Y
Resource Lookup Result Map ID	Enter Resource Lookup Result Map	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
WEB_EPG	Web EPG Name	gen_text_input
APP_EPG	App EPG Name	gen_text_input
DB_EPG	DB EPG Name	gen_text_input
WEB_APP_CTRL_PRTCL	WebToApp Contract Protocol	gen_text_input
WEB_APP_CTRL_PORT	WebToApp Contract Port	gen_text_input
APP_DB_CTRL_PRTCL	AppToDB Contract Protocol	gen_text_input
APP_DB_CTRL_PORT	AppToDB Contract Port	gen_text_input

Add APIC Private Network Profile

Summary

Adds a private network profile.

Description

This task adds a private network profile with subnets and supernets.

Inputs

Input	Description	Mappable To Type	Mandatory
Private Network(s)	Enter Private Network input details.	privateNetworkProfileInputType	

Outputs

Output	Description	Type
OUTPUT_SUBNETS	Subnets	gen_text_input
OUTPUT_SUPERNETS	Supernets	gen_text_input
OUTPUT_PRIVATE_NETWORK_NAMES	Private Network Names	gen_text_input
OUTPUT_APIC_PRIVATE_NETWORK_PROFILE	APIC Private Network Profile	gen_text_input

Assign APIC Tenant to Group

Summary

Assign an APIC tenant to a group.

Description

This task assigns an APIC tenant to a group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select an APIC tenant to assign to a group.	ApicDeviceTenant Identity	Y
Assign To Users	Check or Uncheck this option to allow the resource to Assign or Unassign to users.		
User Group ID	Select a UCSD group to assign to the Tenant.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Delete APIC Contract Result

Summary

Delete a contract result stored in the UCSD database.

Description

This task deletes an APIC contract result from the UCS Director database. It takes a container and contract rule information as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select a container instance	ServiceContainer	Y
User Rule Name	Enter a user rule name.	gen_text_input	Y

Outputs

No Outputs

Get APIC Contract Entities

Summary

Retrieves information about a contract between networks in UCSD.

Description

This task retrieves information about contracts between networks (for example, source and destination) in UCS Director. It accepts a tenant name and container info as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Container	Select container instance	ServiceContainer	Y
Source network	Select a source network.	containerTiers	Y
Destination Network	Select a destination network.	containerTiers	Y
Is bidirectional	Check Is Bidirectional either true or false. The default value is false.	Boolean	Y
Rule Name	Enter a rule name.	gen_text_input	Y
Create Rule	Check Create Rule either true or false. The default value is true.	Boolean	Y

Outputs

Output	Description	Type
CONTRACT_NAME	Contract Name	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
PROVIDER_EPG_IDENTITY	Provider EPG Identity	ApicDeviceTenantEPGIdentity
CONSUMER_EPG_IDENTITY	Consumer EPG Identity	ApicDeviceTenantEPGIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
APPLY_BOTH_DIRECTION	Apply Both Directions	gen_text_input
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilterIdentity
TENANT_FILTER_RULE	Tenant's Filter Rule	gen_text_input
CREATE_TENANT_FILTER_RULE	Create Tenant's Filter Rule	Boolean
IS_L3_CONTRACT	Is L3 contract	Boolean
IS_SHARED_L3_CONTRACT	Is Shared L3 contract	Boolean
INTERNAL_EPG_IDENTITY	Internal EPG Identity	ApicDeviceTenantEPGIdentity

Output	Description	Type
INTERNAL_EPG_TYPE	Internal EPG Type	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIn OutsideNetworkIdentity
EXTERNAL_NETWORK_TYPE	External Network Type	gen_text_input

Get APIC Contracts

Summary

Get details about an APIC contract between networks in UCSD.

Description

This task gets information about an APIC contract between networks. It accepts a source and destination network and applied rules as an input.

Inputs

Input	Description	Mappable To Type	Mandatory
Source Network	Select a source network.	containerTiers	
Destination Network	Select a destination network.	containerTiers	
Security Rule	Select a security rule.	SecurityRuleIdentity	Y

Outputs

Output	Description	Type
TENANT_FILTER_RULE_IDENTITY	Tenant's Filter Rule Identity	ApicDeviceTenantFilterRuleIdentity
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilterIdentity
IS_CONTRACT_EMPTY	Is Contract Empty	gen_text_input
IS_SUBJECT_EMPTY	Is Subject Empty	gen_text_input
CONTAINER_SRC_TIER_IDENTITY	Source Tier Identity	containerTiers
CONTAINER_DEST_TIER_IDENTITY	Destination Tier Identity	containerTiers
SRC_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY	APIC Device Tenant EPG Contract Identity	ApicDeviceTenantEpgContractIdentity
DEST_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY	APIC Device Tenant EPG Contract Identity	ApicDeviceTenantEpgContractIdentity

Get APIC Security Rules

Summary

Retrieve APIC security rules.

Description

This task to fetches the rules for a container contract.

Inputs

Input	Description	Mappable To Type	Mandatory
Source Network	Select a source network.	containerTiers	
Destination Network	Select a destination network.	containerTiers	

Outputs

Output	Description	Type
TENANT_EPG_CONTRACT_IDENTITY	APIC Tenant EPG Contract Identity	ApicDeviceTenantEpgContractIdentity
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
IS_SHARED_L3_CONTRACT	Is Shared L3 contract	Boolean
CONTAINER_CONTRACT_RULES	Contract Rules	gen_text_input
NO_OF_CONTAINER_CONTRACT_RULES	Number of Contract Rules	gen_text_input
SRC_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY	APIC Device Tenant EPG Contract Identity	ApicDeviceTenantEpgContractIdentity
DEST_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY	APIC Device Tenant EPG Contract Identity	ApicDeviceTenantEpgContractIdentity

Invoke APIC Rollback WorkFlow

Summary

Rolls back an executed APIC workflow in UCSD.

Description

This task rolls back an APIC workflow in UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Invoke APIC Workflow

Summary

Execute any APIC task by invoking it in UCSD.

Description

This task provides information about an APIC workflow name and executes the workflow in UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
Workflow Name	Enter a workflow name.	gen_text_input	Y
Field 1	Enter Field 1	gen_text_input	
Field 2	Enter Field 2	gen_text_input	
Field 3	Enter Field 3	gen_text_input	
Field 4	Enter Field 4	gen_text_input	
Field 5	Enter Field 5	gen_text_input	
Field 6	Enter Field 6	gen_text_input	
Field 7	Enter Field 7	gen_text_input	
Field 8	Enter Field 8	gen_text_input	
Field 9	Enter Field 9	gen_text_input	
Field 10	Enter Field 10	gen_text_input	
Field 11	Enter Field 11	gen_text_input	
Field 12	Enter Field 12	gen_text_input	
Field 13	Enter Field 13	gen_text_input	
Field 14	Enter Field 14	gen_text_input	
Field 15	Enter Field 15	gen_text_input	
Field 16	Enter Field 16	gen_text_input	
Field 17	Enter Field 17	gen_text_input	
Field 18	Enter Field 18	gen_text_input	
Field 19	Enter Field 19	gen_text_input	
Field 20	Enter Field 20	gen_text_input	
Field 21	Enter Field 21	gen_text_input	
Field 22	Enter Field 22	gen_text_input	
Field 23	Enter Field 23	gen_text_input	
Field 24	Enter Field 24	gen_text_input	
Field 25	Enter Field 25	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Field 26	Enter Field 26	gen_text_input	
Field 27	Enter Field 27	gen_text_input	
Field 28	Enter Field 28	gen_text_input	
Field 29	Enter Field 29	gen_text_input	

Outputs

No Outputs

Persist APIC Container Network Result

Summary

Persist an APIC container network result.

Description

This task persists an APIC container network result, for example an application profile, private network, bridge domain, EPG, VM network, or L3 out.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select Tenant Network container instance.	ServiceContainer	Y
Tier	Enter Tenant Network Tier.	gen_text_input	
APIC Application Profile Identity	Select Tenant Application profile.	ApicDeviceTenantApplnProfileIdentity	
APIC Private Network Identity	Select Tenant Private Network.	ApicDeviceTenantPrivateNetworkIdentity	
APIC Bridge Domain Identity	Select Tenant Bridge Domain.	ApicDeviceTenantBridgeDomainIdentity	
APIC EPG Identity	Select Tenant EPG.	ApicDeviceTenantEPGIdentity	
VCenter DV Port Group	Select VCenter DV Port Group.	VMwareDVPortgroupIdentity	
HyperV Port Group	Select HyperV Port Group.	hypervVMNetworkIdentity	
HyperV IP Pool	Enter HyperV IP Pool.	hypervIpPoolIdentity	
HyperV EPG VLAN	Enter HyperV EPG VLAN.	vlanID	
L3 Out BD	Select L3 Out Bridge Domain.	ApicDeviceTenantBridgeDomainIdentity	
L3 Out EPG	Select L3 Out EPG.	ApicDeviceTenantEPGIdentity	
L3 Out Contract	Select L3 Out Contract.	ApicDeviceTenantContractIdentity	
L3 Out Subject	Select L3 Out Subject.	ApicTenantContractSubjectIdentity	

Outputs

Output	Description	Type
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity

Output	Description	Type
TIER_NAME	Tier Name	gen_text_input

Persist APIC Contract Result

Summary

Persist an APIC contract result in database in UCSD.

Description

This task writes an APIC contract result into the UCS Director database.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	
Container	Select a container instance.	ServiceContainer	
Contract Name	Select a contract name for which subject to be added.	ApicDeviceTenantContractIdentity	
Contract Subject Identity	Select a contract subject name.	ApicTenantContractSubjectIdentity	
Filter Identity	Select a filter name.	ApicDeviceTenantFilterIdentity	
Filter Rule Name	Enter a filter rule name.	gen_text_input	
Source Network	Select a source network.	containerTiers	
Destination Network	Select a destination network.	containerTiers	
ExternalNetwork	Select an external network.	ApicDeviceExternalNetworkInOutsideNetworkIdentity	
Is L3	Check Is L3 either true or false. The default value is false.	Boolean	
Source Port Start	Enter a Source Port start from the range 0 to 65535.	gen_text_input	
Source Port End	Enter Source Port end from the range 0 to 65535.	gen_text_input	
Destination Port Start	Enter Destination Port start from the range 0 to 65535.	gen_text_input	
Destination Port End	Enter Destination Port end from the range 0 to 65535.	gen_text_input	
User Rule Name	Enter a user rule name.	gen_text_input	
User Rule Description	Enter a user Rule description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Protocol	Enter a protocol. Specify any valid protocol. For example: ip, tcp, udp, icmp.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Is bidirectional	Check Is Bidirectional either true or false. The default value is false.	Boolean	
Operation	Choose Operation either create or delete. The default value is 'create'.	gen_text_input	

Outputs

No Outputs



APIC - Contract Operations

This chapter contains the following sections:

- [Add Filter To APIC Contract Subject, on page 288](#)
- [Add Label To APIC Contract Subject, on page 290](#)
- [Create APIC Contract, on page 292](#)
- [Create APIC Contract Subject, on page 293](#)
- [Create APIC Export Contract, on page 295](#)
- [Delete APIC Contract, on page 296](#)
- [Delete APIC Contract Subject, on page 297](#)
- [Delete Filter From APIC Contract Subject, on page 298](#)
- [Delete Imported Contract, on page 299](#)
- [Delete Label From APIC Contract Subject, on page 300](#)
- [Modify APIC Contract Subject, on page 301](#)

Add Filter To APIC Contract Subject

Summary

Add a filter to a contract subject.

Description

This task adds a filter to a contract subject for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Subject	Select a contract subject.	ApicTenantContractSubjectIdentity	Y
Filter	Select a filter.	ApicDeviceTenantFilterIdentity	Y
Apply Both Directions	Check Apply Both Directions either true or false. Defaults to unchecked.	gen_text_input	
Log	check to choose log option for directives.	Boolean	
No Stats	check to choose No Stats option for directives.	Boolean	
Action	Select Action. the default value is empty string.	ApicSubjectActionIdentity	
Priority	Select Priority. the default value is empty string.	ApicSubjectPriorityIdentity	
Filter For Consumer To Provider	Select a filter for consumer to provider.	ApicDeviceTenantFilterIdentity	
Log	check to choose log option for directives.	Boolean	
No Stats	check to choose No Stats option for directives.	Boolean	
Consumer To Provider Action	Select Consumer To Provider Action. the default value is empty string.	ApicSubjectActionIdentity	
Consumer To Provider Priority	Select Consumer To Provider Priority. the default value is empty string.	ApicSubjectPriorityIdentity	
Filter For Provider To Consumer	Select a filter for provider to consumer.	ApicDeviceTenantFilterIdentity	
Log	check to choose log option for directives.	Boolean	
No Stats	check to choose No Stats option for directives.	Boolean	
Provider To Consumer Action	Select Action. the default value is empty string.	ApicSubjectActionIdentity	

Input	Description	Mappable To Type	Mandatory
Provider To Consumer Priority	Select Priority. the default value is empty string.	ApicSubjectPriority Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubject Identity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilter Identity
TENANT_IN_TERM_FILTER	Tenant In Term Filter Name	gen_text_input
TENANT_IN_TERM_FILTER_IDENTITY	Tenant In Term Filter Identity	ApicDeviceTenantFilter Identity
TENANT_OUT_TERM_FILTER	Tenant Out Term Filter Name	gen_text_input
TENANT_OUT_TERM_FILTER_IDENTITY	Tenant Out Term Filter Identity	ApicDeviceTenantFilter Identity
OUTPUT_FILTER_CONTRACT_SUBJECT_IDENTITY	Filter Contract Subject Identity	ApicDeviceTenantFilterTo ContractSubjectIdentity
OUTPUT_CONSUMER_TO_PROVIDER_FILTER_CONTRACT_SUBJECT_IDENTITY	Consumer To Provider Filter Contract Subject Identity	ApicDeviceTenantFilterTo ContractSubjectIdentity
OUTPUT_PROVIDER_TO_CONSUMER_FILTER_CONTRACT_SUBJECT_IDENTITY	Provider To Consumer Filter Contract Subject Identity	ApicDeviceTenantFilterTo ContractSubjectIdentity

Add Label To APIC Contract Subject

Summary

Add a label to a contract subject.

Description

This task adds a label to a contract subject on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Subject	Select a contract subject.	ApicTenantContractSubjectIdentity	Y
MatchType	Select Match type as one of AtLeastOne, AtMostOne, None or All. Default Match Type value is AtleastOne.	gen_text_input	Y
Label Name	Enter a contract subject Label name.	gen_text_input	Y
Label Tag	Select Tag to Subject Provided Label. Default tag value is Black.	gen_text_input	
Complement	Check to enable Provided Label Complement. Default Complement value is unchecked.		
MatchType	Select Match Type as AtLeastOne, AtMostOne, None or All. Default Match Type value is AtleastOne.	gen_text_input	Y
Label Name	Enter Consumed Subject Label name.	gen_text_input	Y
Label Tag	Select Tag to Subject Consumed Label. Default tag value is Black.	gen_text_input	
Complement	Check to enable Provided Label Complement. Default Complement value is unchecked.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input

Output	Description	Type
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL	Contract Subject Provided Label	gen_text_input
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL_IDENTITY	Contract Subject Provided Label Identity	ApicDeviceTenantLabelContractSubjectIdentity
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL_TAG	Contract Subject Provided Label Tag	gen_text_input
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL_TAG_IDENTITY	Contract Subject Provided Label Tag Identity	gen_text_input
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL	Contract Subject Consumed Label	gen_text_input
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL_IDENTITY	Contract Subject Consumed Label Identity	ApicDeviceTenantLabelContractSubjectIdentity
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL_TAG	Contract Subject Consumed Label Tag	gen_text_input
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL_TAG_IDENTITY	Contract Subject Consumed Label Tag Identity	gen_text_input

Create APIC Contract

Summary

Create a contract.

Description

This task creates a contract for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Contract Name	Enter a contract name.	gen_text_input	Y
Contract Alias	Provide Contract Alias	gen_text_input	
Scope	Choose a scope. Specify any one of these values: application-profile, context, global, tenant. The default value is application-profile.	gen_text_input	Y
Qos Class	Choose Priority. The priority level of the QoS can be unspecified, level1, level2 or level3. The default value is 'unspecified'.	gen_text_input	Y
DSCP Target	Select DSCP Target value between 0 to 64 and default value is 'unspecified'.	ApicCustomQosPolicy DscpTargetIdentity	
Enter DSCP Target	Enter DSCP Target value between 0 to 64 and default value is 'unspecified'	gen_text_input	
Contract Description	Provide Description for Contract	gen_text_input	
Tags	Provide Tenant Tags	ApicDeviceTagIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity

Create APIC Contract Subject

Summary

Create a contract subject.

Description

This task creates a contract subject for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Select a contract name to add the subject to.	ApicDeviceTenantContractIdentity	Y
Type	Choose a type. The default value is normal.	gen_text_input	
Contract Subject Name	Enter a contract subject name.	gen_text_input	Y
Contract Subject Alias	Enter alias name to contract subject.	gen_text_input	
Contract Subject Description	Enter a description for the contract subject.	gen_text_input	
Target DSCP	Select a target DSCP.	ApicCustomQosPolicyDscpTargetIdentity	
Enter Target DSCP	Enter a target DSCP value between 0 to 64.	gen_text_input	
Reverse Filter Ports	Check reverse filter ports. Defaults to unchecked.	gen_text_input	
Apply Both Directions	Check apply both directions. Defaults to unchecked.	gen_text_input	
Service Graph	Select a service graph.	ApicDeviceTenantServiceGraphIdentity	
QOS	Choose a QoS Class. Specify any one of: level1, level2, level3, unspecified. The default value is 'level1'.	gen_text_input	
In Term Service Graph	Select an In Term service graph.	ApicDeviceTenantServiceGraphIdentity	
In Term QOS Priority	Select in term QOS priority.	gen_text_input	
Target DSCP [In Term]	Select a target DSCP.	ApicCustomQosPolicyDscpTargetIdentity	
Enter Target DSCP [In Term]	Enter a target DSCP value between 0 to 64.	gen_text_input	
Out Term Service Graph	Select an Out Term service graph.	ApicDeviceTenantServiceGraphIdentity	

Input	Description	Mappable To Type	Mandatory
Out Term QOS Priority	Select out term QOS priority.	gen_text_input	
Target DSCP [Out Term]	Select a target DSCP.	ApicCustomQosPolicyDscp TargetIdentity	
Enter Target DSCP [Out Term]	Enter a target DSCP value between 0 to 64.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity

Create APIC Export Contract

Summary

Create a contract for export.

Description

This task creates a contract for export that includes the existing contract information and its identity information.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Enter a contract name, Use alphanumeric characters only.	gen_text_input	Y
Description	Enter additional descriptive information for the contract.	gen_text_input	
Contract	Select a contract name.	ApicDeviceTenantContract Identity	Y
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
IMPORT_CONTRACT_NAME	Contract Name	gen_text_input
EXPORT_CONTRACT_IDENTITY	Apic Device Tenant Contract Identity	ApicDeviceTenantContract Identity
IMPORT_CONTRACT_IDENTITY	Apic Device Tenant Contract Identity	ApicDeviceTenantImported ContractIdentity
DEVICE_TENANT_IMPORT_CONTRACT_IDENTITY	Apic Tenant Import Contract Identity	ApicDeviceTenantImport ContractIdentity

Delete APIC Contract

Summary

Delete a contract.

Description

This task deletes a contract on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Name	Select a contract name.	ApicDeviceTenantContract Identity	Y
Do you want to delete the selected Contract?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity

Delete APIC Contract Subject

Summary

Delete a contract subject.

Description

This task deletes a contract subject for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Subject Name	Select a contract subject name for deletion.	ApicTenantContractSubjectIdentity	Y
Do you want to delete the selected Contract Subject?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity

Delete Filter From APIC Contract Subject

Summary

Delete a filter rule from a contract subject in UCSD.

Description

This task deletes a filter rule From a contract subject. It takes a filter identity as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter	Select a filter.	ApicDeviceTenantFilterToContractSubjectIdentity	Y
Do you want to delete the selected Filter To Contract Subject?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilterIdentity

Delete Imported Contract

Summary

Delete a contract that was imported in to a tenant.

Description

This contract deletes a contract that was imported in to a tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Imported Contract Name	Select the imported contract name to be removed.	ApicDeviceTenantImport ContractIdentity	Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
IMPORT_CONTRACT_NAME	Contract Name	gen_text_input
DEVICE_TENANT_IMPORT_CONTRACT_IDENTITY	Apic Tenant Import Contract Identity	ApicDeviceTenantImport ContractIdentity

Delete Label From APIC Contract Subject

Summary

Delete a label from a contract subject.

Description

This task deletes a label from a contract subject on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Label Name	Select Label From APIC Contract Subject.	ApicDeviceTenantLabel ContractSubjectIdentity	Y
Do you want to delete the selected Label from Contract Subject?	Do you want to delete the selected Label from Contract Subject?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubject Identity
TENANT_LABEL_CONTRACT_SUBJECT_IDENTITY	APIC Tenant EPG Contract Identity	ApicDeviceTenantEpg ContractIdentity
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL	Contract Subject Provided Label	gen_text_input
TENANT_CONTRACT_SUBJECT_PROVIDED_LABEL_IDENTITY	Contract Subject Provided Label Identity	ApicDeviceTenantLabel ContractSubjectIdentity
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL	Contract Subject Consumed Label	gen_text_input
TENANT_CONTRACT_SUBJECT_CONSUMED_LABEL_IDENTITY	Contract Subject Consumed Label Identity	ApicDeviceTenantLabel ContractSubjectIdentity

Modify APIC Contract Subject

Summary

Modifies a contract subject in UCSD.

Description

This task updates a contract subject. It accepts a contract subject name and a service graph name as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Subject Name	Select a contract subject name.	ApicTenantContractSubjectIdentity	Y
Contract Subject Alias	Enter alias name to contract subject	gen_text_input	
Contract Subject Global Alias	Enter global alias name to contract subject	gen_text_input	
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Reverse Filter Ports	Reverse Filter Ports	gen_text_input	
Apply Both Directions	Apply Both Directions	gen_text_input	
Service Graph	Service Graph	ApicDeviceTenantServiceGraphIdentity	
QOS	Provide QOS Class	gen_text_input	
Target DSCP	Select a target DSCP	ApicCustomQosPolicyDscpTargetIdentity	
Enter Target DSCP	Enter a target DSCP value between 0 to 64	gen_text_input	
In Term Service Graph	In Term Service Graph	ApicDeviceTenantServiceGraphIdentity	
In Term QOS	Provide QOS Class	gen_text_input	
Target DSCP [In Term]	Select a target DSCP	ApicCustomQosPolicyDscpTargetIdentity	
Enter Target DSCP [In Term]	Enter a target DSCP value between 0 to 64	gen_text_input	
Out Term Service Graph	Out Term Service Graph	ApicDeviceTenantServiceGraphIdentity	
Out Term QOS	Provide QOS Class	gen_text_input	
Target DSCP [Out Term]	Select a target DSCP	ApicCustomQosPolicyDscpTargetIdentity	

Input	Description	Mappable To Type	Mandatory
Enter Target DSCP [Out Term]	Enter a target DSCP value between 0 to 64	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
CONTRACT_SUBJECT	Contract Subject	gen_text_input
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_INTERM_SERVICE_GRAPH_IDENTITY	APIC Tenant Interm Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY	APIC Tenant Outterm Service Graph Identity	ApicDeviceTenantServiceGraphIdentity



APIC - EPG Operations

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Add ACL Entry To APIC EPG

Summary

Add an ACL entry to an EPG.

Description

This task adds an ACL Entry to endpoint group (EPG). It requires an EPG, a service graph name, and contract as inputs .

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG to add ACL Entries.	ApicDeviceTenant EPGIdentity	Y
Node	Select Tenant Service Graph Node for which subject is to be added.	ApicTenantL4L7Service GraphNodeIdentity	Y
Contract Name	Select a contract name for which subject is to be added.	ApicDeviceTenant ContractIdentity	Y
ACL List Name	Enter an ACL Entry List name.	gen_text_input	Y
ACL Entry Name	Enter an ACL Entry name. The name must not contain an underscore (_).	gen_text_input	Y
Protocol	Select a protocol. Valid protocols are IP, TCP, UDP or ICMP. Default value is IP.	gen_text_input	
Source Any	Check to enable Any Source. Default value is checked.	gen_text_input	
Source Address	Enter Source IP Address, IP Address Range or IP Address Subnet Mask.	gen_text_input	
Destination Any	Check to enable Any Destination. Default value is checked.	gen_text_input	
Destination Address	Enter Destination IP Address, IP Address Range or IP Address Subnet Mask.	gen_text_input	
Action	Select an action. Specify either permit or deny. The default value is deny.	gen_text_input	
Order	Enter Order of Entry.	gen_text_input	
Is shared parameter required?	Check to share parameters to Devices. Default Shared Parameters value is unchecked.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Output	Description	Type
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_NODE_ACL_IDENTITY	APIC Tenant Service Graph Node ACL Identity	ApicTenantL4L7NodeAclIdentity
OUTPUT_TENANT_L4L7_EPG_ACL_IDENTITY	APIC Tenant Service Graph EPG ACL Identity	ApicTenantL4L7EPGAclIdentity
OUTPUT_TENANT_L4L7_NODE_ACCESS_CONTROL_ENTRY_IDENTITY	APIC Tenant Service Graph Node Access Control Entry Identity	ApicTenantL4L7NodeAccessEntryControlIdentity
OUTPUT_TENANT_L4L7_ACL_EPG_IDENTITY	APIC Tenant Service Graph ACL EPG Identity	ApicTenantL4L7AclEPGIdentity
OUTPUT_TENANT_L4L7_NODE_ACLNAME_IDENTITY	APIC Tenant Service Graph ACL Name Identity	ApicTenantL4L7NodeAclIdentity
OUTPUT_TENANT_L4L7_NODE_ACLNAME	APIC Tenant Service Graph ACL Name	gen_text_input

Add APIC EPG Contract Master

Summary

Add APIC EPG Contract Master.

Description

This task adds a contract master to an EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	Select an apic epg to add epg contract master.	ApicDeviceTenantEPGIdentity	Y
Application Profile	Click to choose an application profile that you want to add to the contract.	ApicDeviceTenantApplnProfileIdentity	Y
Application EPG	Click to choose an EPG that you want to add to the contract.	ApicDeviceTenantEPGIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_EPG_CONTRACT_MASTER	APIC Tenant EPG Contract Master Identity	APIC_DEVICE_TENANT_EPG_CONTRACT_MASTER_IDENTITY

Add Bridge Group Interface To APIC EPG

Summary

Add a bridge group interface to an EPG.

Description

This task adds a bridge group interface with name and IP information to an endpoint group (EPG).

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Node	Select a service graph node.	ApicTenantL4L7Service GraphNodeIdentity	Y
Contract Name	Select Contract Name for which subject to be added.	ApicDeviceTenantContract Identity	Y
Bridge Group ID	Enter Bridge Group ID. The bridge group ID is an integer value between 1 and 100.	gen_text_input	Y
IPv4 Address Value	Enter IPv4 Address Value in the format i.i.i.i/i.i.i.i. For example: 2.2.2.2/3.3.3.3.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_BRIDGE_GROUP_INTERFACE_IDENTITY	APIC Tenant Bridge Group Interface Identity	ApicTenantBridgeGroup InterfaceIdentity
TENANT_BRIDGE_GROUP_EPG_INTERFACE_IDENTITY	APIC Tenant Bridge Group EPG Interface Identity	ApicTenantDeleteBridge GroupInterfaceIdentity

Add Contract To APIC EPG

Summary

Add a contract to an EPG.

Description

This task adds a contract to an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	Select an EPG.	ApicDeviceTenant EPGIdentity	Y
Contract Type	Choose Contract Type. The contract type can be Consumed Contract or Provided Contract. The default value is Consumed Contract.	gen_text_input	Y
Contract	Select a contract name.	ApicDeviceTenantContract Identity	Y
QoS	Choose QoS. The priority level of the QoS can be unspecified, level1, level2 or level3. The default value is unspecified.	gen_text_input	Y
Contract Label	Enter contract label.	gen_text_input	
Subject Label	Enter subject label.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfile Identity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
CONTRACT_TYPE	Contract Type	gen_text_input
CONTRACT_NAME	Contract Name	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity

Output	Description	Type
TENANT_EPG_CONTRACT_IDENTITY	APIC Tenant EPG Contract Identity	ApicDeviceTenantLabel ContractSubjectIdentity
QOS	QoS	gen_text_input

Add Domain To APIC EPG

Summary

Add a domain to an EPG.

Description

This task adds a domain to an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	Select an EPG.	ApicDeviceTenant EPGIdentity	Y
Domain Profile	Select a domain profile.	ApicDomainProfile Identity	Y
Deploy Immediacy	Choose on demand or immediate as deploy immediacy. The default value is on demand.	gen_text_input	
Resolution Immediacy	Choose on demand or immediate as resolution immediacy. The default value is on demand.	gen_text_input	
Allow Promiscuous	Choose reject or accept as allow promiscuous. The default value is reject.	gen_text_input	
Forged Transmits	Choose reject or accept as forged transmits. The default value is accept.	gen_text_input	
MAC Changes	Choose reject or accept as MAC changes. The default value is accept.	gen_text_input	
Delimiter	Enter a delimiter charcter, supported delimiters are ~ ! + @ ^	gen_text_input	
Allow Micro-Segmentation	Choose true to allow Micro-Segmentation. The default value is unspecified.	APICCheckBoxTrueor FalseType	
VLAN Mode	Choose static or dynamic for vlan mode. The default value is blank.	APIC Static or Dynamic Type	
Netflow	Select enabled or disabled as state of netflow. Default value is blank.	APIC Enable or Disable Type	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Output	Description	Type
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
DOMAIN_TYPE	DomainType	gen_text_input
DOMAIN_PROFILE	DomainProfile	gen_text_input
DOMAIN_PROFILE_IDENTITY	Domain Profile Identity	ApicDeviceTenantDomainToEPGIdentity
APIC_DOMAIN_DVSWITCH_IDENTITY	Apic Domain Distributed Virtual Switch	gen_text_input
APIC_DOMAIN_DVSWITCH_PORTGROUP_IDENTITY	Apic Domain Distributed Virtual Switch Port Group	gen_text_input
EPG_VLAN_ID	APIC EPG VLAN Identity	gen_text_input
EPG_INTEGER_VLAN_ID	APIC EPG VLAN Integer	gen_text_input
EPG_INT	APIC EPG VLAN Integer Identity	vlanID
APIC_DOMAIN_DVSWITCH_PORTGROUP	APIC Domain DVSwitch Port Group	gen_text_input
VMWARE_DVSWITCH_PORTGROUP_IDENTITY	VMware DVPortgroup Identity	VMwareDVPortgroupIdentity
EPG_DOMAIN_PROFILE_IDENTITY	EPG Domain Profile Identity	ApicDeviceTenantDomainProfileToEPGIdentity
HYPER_V_VM_NETWORK_IDENTITY	Hyper-V VM Network Identity	hypervVMNetworkIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
TENANT_EPG_ENCAPSULATION	Encapsulation	gen_text_input
OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION	APIC Primary VLAN EPG Encapsulation	gen_text_input

Add Function Config Parameters To APIC EPG

Summary

Add function config parameters to an EPG.

Description

This task adds function configuration parameters to an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContract Identity	Y
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
External Interface	Enter an External Interface name. Use only alphanumeric characters. For example: ExtIntFuncConfig.	gen_text_input	
Internal Interface	Enter an Internal Interface name. Use only alphanumeric characters. For example: InternalIntFuncConfig.	gen_text_input	
Is shared parameter required?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
APPLICATION_PROFILE	Application Profile	gen_text_input
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity
OUTPUT_EPG_EXTERNAL_INTERFACE	EPG Function Config External Interface	gen_text_input

Output	Description	Type
OUTPUT_EPG_INTERNAL_INTERFACE	EPG Function Config Internal Interface	gen_text_input

Add IGMP Snoop Static Group to APIC Static Path

Summary

Add IGMP Snoop Static Group to APIC Static Path.

Description

This task will allow user to add an IGMP Snoop static group to the current Static Path available in APIC EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Static Path	Select a static path to IGMP snoop static group.	ApicDeviceTenantStaticPathToEPGIdentity	Y
Group Address	Enter a multicast IP address as group address. For example, 234.0.0.0.	gen_text_input	Y
Source Address	Enter wildcard or a valid IP address as source address. For example, 12.1.1.1.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_PATH	Static Path	gen_text_input
TENANT_EPG_STATIC_PATH_IDENTITY	Static Path Identity	ApicDeviceTenantStaticPathToEPGIdentity
OUTPUT_APIC_IGMP_SNOOP_STATIC_GROUP_IDENTITY	APIC Tenant's FHS Trust Control Policy Identity	APIC IGMP Snoop Static Group Identity

Add Interface To APIC EPG

Summary

Add an interface to an EPG.

Description

This task adds an interface to an endpoint group (EPG). It requires an EPG, a service graph name, and a contract as inputs.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG to add Interface.	ApicDeviceTenant EPGIdentity	Y
Node	Select Tenant Service Graph Node for which subject is to be added.	ApicTenantL4L7Service GraphNodeIdentity	Y
Contract Name	Select Tenant Contract for which subject is to be added.	ApicDeviceTenantContract Identity	Y
Interface Name	Enter an interface name. Interface name similar to Application Profile Tier name.	gen_text_input	Y
IPv4 Address	Enter IPv4 Address Value.	gen_text_input	
Security Level	Enter Security Level as an integer between 0 and 100.	gen_text_input	Y
Bridge Group ID	Enter Bridge Group ID as an integer value between 1 and 100.	ApicTenantBridgeGroup InterfaceIdentity	
Inbound ACL	Enter Inbound ACL Value.	ApicTenantL4L7NodeAcl Identity	
Outbound ACL	Enter Outbound ACL Value.	ApicTenantL4L7NodeAcl Identity	
Is shared parameter required?	Check to share parameters to Devices. Default Shared Parameters value is unchecked.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input

Output	Description	Type
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_INTERFACE_IDENTITY	APIC Tenant Service Graph Node Interface Identity	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenantL4L7EPGInterfaceIdentity
OUTPUT_TENANT_L4L7_INTERFACE_EPG_IDENTITY	APIC Tenant Service Graph Interface EPG Identity	ApicTenantL4L7InterfaceEPGIdentity

Add Load Balancer Parameters To APIC EPG

Summary

Add load balancer parameters to an EPG via APIC.

Description

This task adds load balancer (LB) parameters to an endpoint group (EPG) on the APIC Controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenant ContractIdentity	Y
Node	Select a node.	ApicTenant L4L7ServiceGraph NodeIdentity	Y
External IP	Enter an External IP in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
External Netmask	Enter an External Netmask in the range 1 to 30.	gen_text_input	
Enable Dynamic Route (External IP)	Choose Enable Dynamic Route (External IP). Specify the value as either enabled or disabled. The default value is 'disabled'.	gen_text_input	
Enable Host Route (External IP)	Choose Enable Host Route (External IP). Specify the value as either enabled or disabled. The default value is 'disabled'.	gen_text_input	
Internal IP	Enter an Internal IP in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
Internal Netmask	Enter an Internal Netmask in the range 1 to 30.	gen_text_input	
Services	Enter Service IP's with comma seperated	gen_text_input	
LB IPV4 IP	Enter a LB IPv4 address, For example: IPv4 Address 10.1.1.1.	gen_text_input	
LB IPV4 IP Netmask	Enter a LB IPv4 address Netmask in the range 1 to 30.	gen_text_input	
Enable Dynamic Route (VIP)	Choose Enable Dynamic Route (VIP). Specify the value as either enabled or disabled. The default value is 'disabled'.	gen_text_input	
Enable Host Route (VIP)	Choose Enable Host Route (VIP). Specify the value as either enabled or disabled. The default value is 'disabled'.	gen_text_input	
Protocol	Choose a protocol. Specify any one of these values: ADNS, DNS, MSSQL, RDP, SSL, TFTP, ADNS_TCP, DNS_TCP, MYSQL, RPCSVR,	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	SSL_BRIDGE, UDP, ANY, DTLS, NNTP, RTSP, SSSL_DIAMETER, DHCPRA, FTP, ORACLE, SIP_UDP, SSL_TCP, DIAMETER, HTTP, RADIUS, SNMP, TCP. The default value is 'ADNS'.		
Port	Enter a port in the range 0 to 65535. The default value is 80.	gen_text_input	
Is Ad-hoc specification required?	Check Is Ad-hoc specifications required either true or false. The default value is true.	gen_text_input	
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	
Cookie Name	Enter a cookie name.	gen_text_input	
LB Method	Choose LB Method. Specify any one of these values: LEASTREQUEST, SRCIPDESTIPHASH, TOKEN, SOURCEIPHASH, LEASTCONNECTION, LRTM, SRCIPSRCPORHASH, CALLIDHASH, CUSTOMLOAD, ROUNDROBIN, LEASTBANDWIDTH, LEASTPACKETS, DOMAINHASH, URLHASH. The default value is 'LEASTREQUEST'.	gen_text_input	
Persistence Type	Choose Persistence Type. Specify any one of these values: URLPASSIVE, RULE, COOKIEINSERT, RTSPSID, NONE, SSLSESSION, SOURCEIP, CUSTOMSERVERID, DIAMETER, CALLID, DESTIP, SRCIPDESTIP. The default value is 'SOURCEIP'.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input

Output	Description	Type
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
NETWORK_FOLDER	Network Folder	gen_text_input
TENANT_VIP_IDENTITY	APIC Tenant VIP Identity	ApicDeviceTenantEPGL4L7IPv46ParamIdentity

Add Load Balancer Route Parameters To APIC EPG

Summary

Add load balancer route parameters to an EPG.

Description

This task adds load balancer route parameters to an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContract Identity	Y
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
Network Name	Enter a network name.	gen_text_input	
Network IP Address	Enter a network IP address in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
Network Mask	Enter a network mask between 1 and 30.	gen_text_input	
Gateway Address	Enter gateway address in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContract Identity

Add Load Balancer Service Parameters To APIC EPG

Summary

Add load balancer service parameters to an EPG.

Description

This task adds load balancer service parameters to endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
VIP	Select a VIP.	ApicDeviceTenant EPGL4L7IPv46Param Identity	Y
Services	Enter Service IP addresses separated by commas. For example: 1.1.1.1, 1.2.3.4, 1.2.4.4.	gen_text_input	
Protocol	Choose a protocol. Specify any one of these values: ADNS, DNS, MSSQL, RDP, SSL, TFTP, ADNS_TCP, DNS_TCP, MYSQL, RPCSVR, SSL_BRIDGE, UDP, ANY, DTLS, NNTP, RTSP, SSSL_DIAMETER, DHCPRA, FTP, ORACLE, SIP_UDP, SSL_TCP, DIAMETER, HTTP, RADIUS, SNMP, TCP. The default value is 'ADNS'.	gen_text_input	
Port	Enter a port in the range 0 to 65535. The default value is 80.	gen_text_input	
Is Ad-hoc specification required?	Check Is Ad-hoc specifications required either true or false. The default value is true.	gen_text_input	
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Output	Description	Type
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_LOAD_BALANCER_SERVER_IP	APIC Tenant Load Balancer Server IP	gen_text_input

Add SSL Offload Parameters to APIC EPG

Summary

Add secure sockets layer offload parameters to an EPG.

Description

This task adds secure sockets layer (SSL) offload parameters to an endpoint group (EPG). SSL offloading increases the effectiveness of the security offered by the certificates in UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContract Identity	Y
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
Cert	Enter Cert. Use only alphanumeric characters and underscores. For example: server_cert1.	gen_text_input	
Cert Key	Enter Cert Key. Use only alphanumeric characters and underscores. For example: Sslkey1.	gen_text_input	
Key	Enter a key. Use only alphanumeric characters and underscores. For example: server_key1.	gen_text_input	
IP Address	Enter an IP address in the format i.i.i.i. For example: 2.2.2.2.	ipaddress	
Port	Enter a port in the range 0 to 65535.	gen_text_input	
Service Type	Enter a service type. Use only alphanumeric characters and underscores. For example: Sslservice1.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input

Output	Description	Type
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity

Add Static Node To APIC EPG

Summary

Add a static node to an EPG.

Description

This task adds a static node to an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	EPG	ApicDeviceTenant EPGIdentity	Y
Node	Node	ApicFabricNodeIdentity	Y
Encapsulation	Encapsulation	gen_text_input	Y
Mode	Choose trunk or access(802.1p) or access(untagged) as mode. The default value is trunk.	gen_text_input	
Deployment Immediacy	Choose lazy or immediate as deployment immediacy. The default value is lazy.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_NODE	Static Node	gen_text_input
TENANT_EPG_STATIC_NODE_IDENTITY	Static Node Identity	ApicDeviceTenantStaticNodeToEPGIdentity
TENANT_EPG_ENCAPSULATION	Encapsulation	gen_text_input

Add Static Path To APIC EPG

Summary

Add a static path to an EPG.

Description

This task adds a static path to an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Path Type	Choose port, direct port channel or virtual port channel as path type. The default value is port.	gen_text_input	Y
Path	Select static path.	ApicDeviceStaticPathIdentity	Y
Path	Select static path.	ApicDeviceDPCStaticPath Identity	Y
Path	Select static path.	ApicDeviceVPCStaticPath Identity	Y
Encapsulation	Enter encapsulation for a static node, it supports VLAN,VXLAN,QINQ. Format example: vlan-1 (or) vxlan-50102 (or) qiniq-123-213.	gen_text_input	Y
Deployment Immediacy	Choose on demand or immediate as deployment immediacy. The default value is on demand.	ApicStaticPathDeploy EPGAuthenticationType	Y
Mode	Choose tagged, untagged, or 802.1P tagged as mode. The default value is tagged.	ApicStaticPathImmd EPGAuthenticationType	Y
Primary VLAN for Mirco-Seg	Enter encapsulation for a primary VLAN. Format example: vlan-1.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input

Output	Description	Type
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_PATH	Static Path	gen_text_input
TENANT_EPG_STATIC_PATH_IDENTITY	Static Path Identity	ApicDeviceTenantStaticPathToEPGIdentity
TENANT_EPG_ENCAPSULATION	Encapsulation	gen_text_input
TENANT_EPG_DPC_STATIC_PATH	DPC Static Path	gen_text_input
TENANT_EPG_DPC_STATIC_PATH_IDENTITY	DPC Static Path Identity	ApicDeviceDPCStaticPathIdentity
TENANT_EPG_VPC_STATIC_PATH	VPC Static Path	gen_text_input
TENANT_EPG_VPC_STATIC_PATH_IDENTITY	VPC Static Path Identity	ApicDeviceVPCStaticPathIdentity
OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION	APIC Primary VLAN EPG Encapsulation	gen_text_input

Add Static Route To Interface On APIC EPG

Summary

Add a static route to an interface on an EPG via APIC in UCSD.

Description

This task adds static route information to an interface on an endpoint group (EPG) on the APIC Controller. It requires an endpoint group (EPG), contract, and node name as inputs.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContract Identity	Y
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
Interface Name	Enter an interface name.	gen_text_input	
Network IP Address	Enter a network IP Address in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
Network Mask	Enter a network mask in the range 1 to 30.	gen_text_input	
Gateway Address	Enter a gateway address in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenant L4L7EPGInterfaceIdentity
OUTPUT_TENANT_L4L7_EPG_STATIC_ROUTE_IDENTITY	APIC Tenant Service Graph EPG Static Route Identity	ApicTenantL4L7EPGStatic RouteIdentity

Associate Access List To Interface in APIC

Summary

Associate an access list to an interface via APIC in UCSD.

Description

This task associates an access List to an interface on the APIC Controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select an interface name.	ApicTenant L4L7EPGInterfaceIdentity	Y
InBound ACL	Enter an Inbound ACL. Use only alphanumeric characters. For example: inacl12.	gen_text_input	
OutBound ACL	Enter an Outbound ACL. Use only alphanumeric characters. For example: outacl12.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenant L4L7EPGInterfaceIdentity

Create APIC EPG

Summary

Create an EPG.

Description

This task creates an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Profile Name	Select an application profile.	ApicDeviceTenantApplnProfileIdentity	Y
EPG Name	Enter an EPG name.	gen_text_input	Y
EPG Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Alias	Enter an alias, a changeable name for an object. Unlike the name of an object, the alias can be changed.	gen_text_input	
Tags	Select tags to be assigned for the fabric module.	ApicDeviceTagIdentity	
QOS Class	Choose level1, level2, level3, unspecified, custom as QoS class. The default value is level1.	gen_text_input	
Custom QOS	Select a custom QoS, formatted as: accountName@tenantName@custom QoSName. For example: apic170@common@default.	gen_text_input	
Bridge Domain	Select a bridged domain.	ApicDeviceTenantBridgeDomainIdentity	
Monitoring Policy	Select a monitoring policy.	ApicDeviceTenantMonitoringPolicyIdentity	
Contract Exception Tag	Enter the contract exception tag.	gen_text_input	
Data-Plane Policier	Select a data-plane policing policy.	APIC Data Plane Policing Policy Identity	
Intra-EPG Isolation	Choose enforced/unenforced, select enforced to enable forwarding control.	APIC Enforced or Unenforced Type	
Forwarding Control	Choose true or false to enable/disable Proxy-arp. The default value is unspecified.	APICCheckBoxTrueorFalseType	
Preferred Group Member	Choose include or exclude as preferred group member. The default value is blank.	APIC Exclude or Include Type	

Input	Description	Mappable To Type	Mandatory
Flood on Encapsulation	Choose enable or disable as flood on encapsulation. The default value is blank.	APIC Enable or Disable Type	
FHS Trust Control Policy	Choose a FHS trust control policy.	APIC FHS Trust Control Policy Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
DEVICE_TENANT_TAG_IDENTITY	Apic Tag Identity	ApicDeviceTagIdentity
DEVICE_TENANT_MONITORING_POLICY	Apic Monitoring Policy	gen_text_input
DEVICE_TENANT_MONITORING_POLICY_IDENTITY	Apic Monitoring Policy Identity	ApicDeviceTenantMonitoringPolicyIdentity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY	APIC Tenant's Data Plane policing Policy Identity	APIC Data Plane Policing Policy Identity
OUTPUT_TENANT_FHS_TRUST_CONTROL_POLICY	APIC Tenant's FHS Trust Control Policy Identity	APIC FHS Trust Control Policy Identity

Create Consumed Contract Interface To APIC EPG

Summary

Create a consumed contract interface to an EPG.

Description

This task creates a consumed contract interface to an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenantEPGIdentity	Y
Contract	Select a contract name.	ApicDeviceTenantContract Identity	Y
Priority	Choose Priority. Specify any one of: level1, level2, level3, unspecified. The default value is 'level1'.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONSUMED_CONTRACT_INTERFACE_IDENTITY	APIC Tenant Consumed Contract Interface Identity	ApicDeviceTenantEpg ConsumedContractInterface Identity

Create Subnet To APIC EPG

Summary

Create a subnet to an EPG.

Description

This task creates a subnet to an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
IPV6	Check to enable IPV6 configurations. Defaults to unchecked.	Boolean	
Gateway IPV4 (Address)	Provide gateway IPV4 address in the format i.i.i.i.	ipaddress	Y
Gateway IPV4 (Prefix)	Enter the prefix for IPV4.	gen_text_input	Y
Gateway IPV6 (Address)	Provide gateway IPV6 address in the format i:i:i:i.	ipaddress	
Gateway IPv6 (Prefix)	Enter the prefix for IPV6.	gen_text_input	
Shared Subnet	Check to enable subnet control for shared subnet. Defaults to unchecked.	Boolean	
Public Subnet	Check to enable subnet control for public subnet. Defaults to unchecked.	Boolean	
Private Subnet	Check to enable subnet control for private subnet. Defaults to checked.	Boolean	
Description	Enter a short description.	gen_text_input	
L3 Out for Route Profile	Select L3 out for route profile.	ApicDeviceTenant L3OutIdentity	
Route Profile	Select a route profile.	ApicDeviceTenant RoutedProfileToExt RoutedNetworkIdentity	
Treat as Virtual IP Address	Check to treat the IP as a virtual ip address. Defaults to unchecked.	Boolean	
ND RA Prefix	Check to enable ND RA prefix subnet control for the selected EPG. Defaults to unchecked.	Boolean	
No Default SVI Gateway	Check to disable default SVI gateway subnet control for the selected EPG. Defaults to unchecked.	Boolean	

Input	Description	Mappable To Type	Mandatory
Querier IP	Check to enable querier IP subnet control for the selected EPG. Defaults to unchecked.	Boolean	
ND RA Prefix Policy	Choose a ND RA prefix policy to associate with the subnet.	APIC ND RA Prefix Policy Identity	
Type Behind Subnet	Choose EP reachability/anycast MAC for subnet type. The default value is none.	APIC Type Behind Subnet Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_SUBNET_NAME	Subnet Name	gen_text_input
TENANT_EPG_SUBNET_IDENTITY	Subnet Identity	ApicTenantSubnetToEpgIdentity
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity
OUTPUT_TENANT_NDRA_PREFIX_POLICY_IDENTITY	APIC Tenant's ND RA Prefix Identity	APIC ND RA Prefix Policy Identity

Delete ACE From ACL On APIC EPG

Summary

Delete an ACE From an ACL on an EPG.

Description

This task deletes an access control entry (ACE) from an access control list (ACL) on an endpoint group (EPG) on the APIC Controller. It requires a function node as input.

Inputs

Input	Description	Mappable To Type	Mandatory
ACE Name	Select an ACE name.	ApicTenantL4L7EPGAceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_ACE_IDENTITY	APIC Tenant Service Graph EPG ACE Identity	ApicTenantL4L7EPGAceIdentity

Delete ACL From APIC EPG

Summary

Delete an ACL from an EPG via APIC.

Description

This task deletes an access control list (ACL) From an endpoint group (EPG) on the APIC Controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACL Name	Select an ACL List name.	ApicTenantL4L7AclEPGIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_ACL_EPG_IDENTITY	APIC Tenant Service Graph ACL EPG Identity	ApicTenantL4L7AclEPGIdentity

Delete APIC EPG

Summary

Delete an EPG.

Description

This task deletes an endpoint group (EPG) from a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenant EPGIdentity	Y
Do you want to delete the selected EPG?			Y

Outputs

Output	Description	Type
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity

Delete Bridge Group Interface From APIC EPG

Summary

Delete a bridge group interface from an EPG.

Description

This task deletes a bridge group interface from an endpoint group (EPG)

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Group ID	Select Bridge Group ID.	ApicTenantDeleteBridgeGroupInterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_BRIDGE_GROUP_INTERFACE_IDENTITY	APIC Tenant Bridge Group Interface Identity	ApicTenantBridgeGroupInterfaceIdentity
TENANT_BRIDGE_GROUP_EPG_INTERFACE_IDENTITY	APIC Tenant Bridge Group EPG Interface Identity	ApicTenantDeleteBridgeGroupInterfaceIdentity

Delete Consumed Contract Interface From APIC EPG

Summary

Delete a consumed contract interface from an EPG.

Description

This task deletes a consumed contract interface from an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Consumed Contract Interface	Select a Consumed Contract Interface.	ApicDeviceTenantEpg ConsumedContractInterface Identity	Y
Do you want to delete the selected Contract From EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONSUMED_CONTRACT_INTERFACE_IDENTITY	APIC Tenant Consumed Contract Interface Identity	ApicDeviceTenantEpg ConsumedContractInterface Identity

Delete Contract From APIC EPG

Summary

Delete a contract from an EPG.

Description

This task deletes a contract from an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract	Select a contract name to be removed.	ApicDeviceTenantEpg ContractIdentity	
Do you want to delete the selected Contract From EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
CONTRACT_TYPE	Contract Type	gen_text_input
CONTRACT_NAME	Contract Name	gen_text_input
TENANT_EPG_CONTRACT_IDENTITY	APIC Tenant EPG Contract Identity	ApicDeviceTenantLabel ContractSubjectIdentity

Delete Domain From APIC EPG

Summary

Delete a domain from an EPG.

Description

This task deletes a domain from an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Domain Profile	Select a domain profile to delete.	ApicDeviceTenantDomainProfileToEPGIdentity	Y
Do you want to delete the selected Domain from EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
DOMAIN_PROFILE	DomainProfile	gen_text_input
DOMAIN_PROFILE_IDENTITY	Domain Profile Identity	ApicDeviceTenantDomainToEPGIdentity

Delete Function Config Parameters From APIC EPG

Summary

Delete function config parameters from an EPG.

Description

This task deletes function configuration parameters from an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Interface	Select an External Interface.	ApicTenantEPGExternalInterfaceIdentity	Y
Internal Interface	Select an Internal Interface.	ApicTenantEPGInternalInterfaceIdentity	Y
Do you want to delete the selected Network Object from EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_FUNCTION_CONFIG_PARAMETER_IDENTITY	APIC Tenant Function Config Parameter Identity	gen_text_input

Delete Interface From APIC EPG

Summary

Delete an interface from an EPG.

Description

This task deletes an interface from an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select an interface name.	ApicTenantL4L7Interface EPGIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenantL4L7EPGInterfaceIdentity
OUTPUT_TENANT_L4L7_INTERFACE_EPG_IDENTITY	APIC Tenant Service Graph Interface EPG Identity	ApicTenantL4L7InterfaceEPGIdentity

Delete LB SSL Offload Parameters From APIC EPG

Summary

Delete LB SSL offload parameters from an EPG via APIC.

Description

This task deletes load balancer (LB) SSL offload parameters from an endpoint group (EPG) on the APIC controller. It requires an EPG name, service graph name, node, and LB server as inputs .

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenantEPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContractIdentity	Y
Node	Select a node.	ApicTenantL4L7ServiceGraphNodeIdentity	Y
LB IPV4 IP	Select a LB IPv4 address.	ApicDeviceTenantEPGL4L7IPv46ParamIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity

Delete Load Balancer Parameters To APIC EPG

Summary

Delete load balancer parameters from an EPG via APIC.

Description

This task deletes load balancer parameters from an endpoint group (EPG) on the APIC Controller. It deletes all configuration related to load balancing on the EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenantEPGIdentity	Y
Contract Name	Select a contract name.	ApicDeviceTenantContractIdentity	Y
Node	Select a node.	ApicTenantL4L7ServiceGraph NodeIdentity	Y
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity

Delete Static Node From APIC EPG

Summary

Delete a static node from an EPG.

Description

This task deletes a static node from an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node name to be removed.	ApicDeviceTenantStaticNodeToEPGIdentity	Y
Do you want to delete the selected Static Node From EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_NODE	Static Node	gen_text_input
TENANT_EPG_STATIC_NODE_IDENTITY	Static Node Identity	ApicDeviceTenantStaticNodeToEPGIdentity

Delete Static Path From APIC EPG

Summary

Delete a static path from an EPG.

Description

This task deletes a static path from an endpoint group (EPG) for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Path	Select a Static Path to be removed.	ApicDeviceTenantStaticPath ToEPGIdentity	Y
Do you want to delete the selected Static Path From EPG?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantAppln ProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_PATH	Static Path	gen_text_input
TENANT_EPG_STATIC_PATH_IDENTITY	Static Path Identity	ApicDeviceTenantStaticPath ToEPGIdentity

Delete Static Route From Interface On APIC EPG

Summary

Delete static route information from an interface on an EPG.

Description

This task deletes static route information from an interface on an endpoint group (EPG) on the APIC Controller. It requires an endpoint group (EPG), service graph name, and contract as inputs.

Inputs

Input	Description	Mappable To Type	Mandatory
Static Route Name	Select a Static Route name.	ApicTenantL4L7EPGStaticRoute Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenantL4L7EPGInterfaceIdentity
OUTPUT_TENANT_L4L7_EPG_STATIC_ROUTE_IDENTITY	APIC Tenant Service Graph EPG Static Route Identity	ApicTenantL4L7EPGStaticRouteIdentity

Delete Subnet from APIC EPG

Summary

Delete a subnet from an EPG.

Description

This task deletes a subnet from an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Select a subnet.	ApicTenantSubnetToEpgIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_SUBNET_NAME	Subnet Name	gen_text_input
TENANT_EPG_SUBNET_IDENTITY	Subnet Identity	ApicTenantSubnetToEpgIdentity

Disassociate Access List From Interface in APIC

Summary

Remove an association between an access list and an interface via APIC.

Description

This task dissociates an Access List from an interface on the APIC controller. It requires an interface as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select an interface name.	ApicTenant L4L7EPGInterfaceIdentity	Y
InBound ACL	Enter an Inbound ACL. Use only alphanumeric characters. For example: Inacl12.	gen_text_input	
OutBound ACL	Enter an Outbound ACL. Use only alphanumeric characters. For example: outacl12.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY	APIC Tenant Service Graph EPG Interface Identity	ApicTenant L4L7EPGInterfaceIdentity

Modify Consumed Contract Interface To APIC EPG

Summary

Modify a consumed contract interface to an EPG.

Description

This task modifies a consumed contract interface to an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Consumed Contract Interface	Select a Consumed Contract Interface.	ApicDeviceTenantEpg ConsumedContractInterface Identity	Y
Priority	Choose Priority. Specify any one of: level1, level2, level3, unspecified. The default value is 'level1'.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONSUMED_CONTRACT_INTERFACE_IDENTITY	APIC Tenant Consumed Contract Interface Identity	ApicDeviceTenantEpg ConsumedContractInterface Identity

Remove APIC EPG Contract Master

Summary

Remove APIC EPG Contract Master.

Description

This task removes a contract master from an EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Contract Master Name	Select an EPG contract master name to be deleted.	APIC_DEVICE_TENANT_EPG_CONTRACT_MASTER_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_EPG_CONTRACT_MASTER	APIC Tenant EPG Contract Master Identity	APIC_DEVICE_TENANT_EPG_CONTRACT_MASTER_IDENTITY

Remove IGMP Snoop Static Group from APIC Static Path

Summary

Remove IGMP Snoop Static Group from APIC Static Path.

Description

This task will allow user to remove an IGMP Snoop static group from the current Static Path available in APIC EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Select IGMP Snoop Static group	Select an IGMP snoop static group to be deleted.	APIC IGMP Snoop Static Group Identity	Y
Do you want to remove the selected IGMP Snoop static group from static path?	Do you want to remove the selected IGMP snoop static group from static path?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_APPLN_PROFILE	Tenant's Application Profile	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EPG_STATIC_PATH	Static Path	gen_text_input
TENANT_EPG_STATIC_PATH_IDENTITY	Static Path Identity	ApicDeviceTenantStaticPathToEPGIdentity
OUTPUT_APIC_IGMP_SNOOP_STATIC_GROUP_IDENTITY	APIC Tenant's FHS Trust Control Policy Identity	APIC IGMP Snoop Static Group Identity

Remove Load Balancer Service Parameters From APIC EPG

Summary

Remove load balancer service parameters from an EPG.

Description

This task removes load balancer service parameters from an endpoint group (EPG) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EPG Name	Select an EPG name.	ApicDeviceTenantEPGIdentity	Y
Node	Select a node.	ApicTenantL4L7ServiceGraphNodeIdentity	Y
LB IPV4 IP	Select a LB IPv4 address.	ApicDeviceTenantEPGL4L7IPv46ParamIdentity	Y
Services	Select one or more service IP addresses.	ApicDeviceTenantLoadBalancerServerIdentity	
Is Ad-hoc specification required?	Check Is Ad-hoc specifications required either true or false. The default value is true.	gen_text_input	
Shared?	Check Shared either true or false. The default value is false.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_LOAD_BALANCER_SERVER_IP	APIC Tenant Load Balancer Server IP	gen_text_input



APIC - External Bridged Network Operations

This chapter contains the following sections:

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- [Add Interface Profile To APIC Node Profile, on page 360](#)
- [Create Bridged Outside in APIC, on page 361](#)
- [Create Node Profile To APIC External Bridged Network, on page 363](#)
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Add External Network to APIC External Bridged Network

Summary

Add an external network to an external bridged network.

Description

This task adds an external network to an external bridged network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Bridged Network	External Bridged Network Name	ApicDeviceTenantExternalBridgeNetworkIdentity	Y
External Network Name	External Network Name	gen_text_input	Y
Description	Description	gen_text_input	
Alias	Alias	gen_text_input	
Tags	Tags	ApicDeviceTagIdentity	
QoS	QoS	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network in External Bridged Network Identity	ApicTenantExternalNetworkInExternalBridgedNetworkIdentity
TENANT_EXTERNAL_NETWORK_ALIAS	External Network Alias Name	gen_text_input
TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY	External Network Tags Identity	ApicDeviceTagIdentity
QoS	QoS	gen_text_input

Output	Description	Type
DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY	External Network in Outside Network Identity	ApicDeviceExternalNetworkInOutsideNetworkIdentity

Add Interface Profile To APIC Node Profile

Summary

Add an interface profile to a node profile.

Description

This task adds an interface profile to a node profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node Profile Name	Select a node profile.	ApicDeviceTenantNodeProfileIdentity	Y
Interface Profile Name	Enter an interface Profile To an APIC Node Profile name.	gen_text_input	Y
Description	Enter a description of the Interface Profile To an APIC Node Profile. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE	Node Profile Name	gen_text_input
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity
OUTPUT_TENANT_INTERFACE_PROFILE_NAME	Interface Profile Name	gen_text_input
OUTPUT_TENANT_INTERFACE_PROFILE_IDENTITY	Interface Profile Identity	ApicDeviceTenantInterfaceProfileIdentity

Create Bridged Outside in APIC

Summary

Create Bridged Outside in APIC.

Description

This task creates an external bridged network (Bridged Outside) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Provide Tenant Name	ApicDeviceTenantIdentity	Y
External Bridged Network Name	Enter External Bridged Network Name	gen_text_input	Y
Description	Provide Description	gen_text_input	
Alias	Provide External Bridged Network Alias	gen_text_input	
Tags	Provide Tags	gen_text_input	
External Bridged Domain	External Bridged Domain	ApicDeviceTenantExternalBridgeDomainIdentity	
Bridge Domain	Provide Bridge Domain	ApicDeviceTenantBridgeDomainIdentity	
Encap	Provide Encap	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
EXTERNAL_BRIDGED_DOMAIN	APIC Tenant Concrete Device Identity	gen_text_input

Output	Description	Type
EXTERNAL_BRIDGED_DOMAIN_IDENTITY	APIC Tenant Concrete Interface	ApicDeviceTenantExternalBridgeDomainIdentity

Create Node Profile To APIC External Bridged Network

Summary

Create a node profile to an external bridged network.

Description

This task creates a node profile to an external bridged network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Bridged Network	Select External Bridged Network.	ApicDeviceTenantExternalBridgeNetworkIdentity	Y
Name	Enter a Node Profile name. Use only alphanumeric characters. For example: Npname12.	gen_text_input	Y
Description	Enter a Node Profile description. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE	Node Profile Name	gen_text_input
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity

Delete Bridged Outside in APIC

Summary

Delete bridged outside in APIC.

Description

This task deletes a bridged outside on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Bridged Network Name	Select any one of the External Bridge Networks to delete.	ApicDeviceTenantExternalBridgeNetworkIdentity	Y
Do you want to delete the selected External Bridged Network?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity

Delete External Network from APIC External Bridged Network

Summary

Delete an external network from an external bridged network.

Description

This task deletes an external network from an external bridged network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Network Name	Select External Network From an APIC External Bridged Network.	ApicTenantExternalNetworkInExternalBridgedNetworkIdentity	Y
Do you want to delete the selected External Network from External Bridged Network?	Do you want to delete the selected External Network from External Bridged Network?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity

Delete Interface From Interface Profile

Summary

Delete an interface from an interface profile.

Description

This task deletes an interface from an interface profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Interface from Interface profile.	ApicDeviceInterfaceToInterfaceProfileIdentity	Y
Do you want to delete the selected Interface To Interface Profile?	Do you want to delete the selected Interface To Interface Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity
OUTPUT_TENANT_INTERFACE_PROFILE_IDENTITY	Interface Profile Identity	ApicDeviceTenantInterfaceProfileIdentity
FABRIC_PHYSICAL_INTERFACE_IDENTITY	APIC Physical Interface Identity	ApicFabricPhysicalInterfaceIdentity

Delete Interface Profile from APIC Node Profile

Summary

Delete an interface profile from a node profile.

Description

This task deletes an interface profile from a node profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Profile Name	Select Interface Profile from an APIC Node Profile.	ApicDeviceTenant InterfaceProfileIdentity	Y
Do you want to delete the selected Interface Profile To Node Profile?	Do you want to delete the selected Interface Profile To Node Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE	Node Profile Name	gen_text_input
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity
OUTPUT_TENANT_INTERFACE_PROFILE_NAME	Interface Profile Name	gen_text_input
OUTPUT_TENANT_INTERFACE_PROFILE_IDENTITY	Interface Profile Identity	ApicDeviceTenantInterfaceProfileIdentity

Delete Node Profile from APIC External Bridged Network

Summary

Delete a node profile from an external bridged network.

Description

This task deletes a node profile from an external bridged network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node Profile Name	Select Node profile from an APIC External Bridged Network.	ApicDeviceTenantNodeProfileIdentity	Y
Do you want to delete the selected Node Profile To External Bridged Network?	Do you want to delete the selected Node Profile To External Bridged Network?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
OUTPUT_TENANT_NODE_PROFILE	Node Profile Name	gen_text_input
OUTPUT_TENANT_NODE_PROFILE_IDENTITY	Node Profile Identity	ApicDeviceTenantNodeProfileIdentity



APIC - External Network Operations

This chapter contains the following sections:

- [Add APIC Contract to External Network, on page 370](#)
- [Delete Contract From APIC External Network, on page 372](#)

Add APIC Contract to External Network

Summary

Add a contract to an external network.

Description

This task adds a contract to an external network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ExternalNetwork	Select an external network.	ApicDeviceExternalNetworkInOutsideNetworkIdentity	Y
Contract Type	Choose Contract Type. The contract types are Provided Contract and Consumed Contract. The default value is 'Provided Contract'.	gen_text_input	Y
Contract	Select a contract.	ApicDeviceTenantContractIdentity	Y
Priority	Choose Priority. The priorities are unspecified, level1, level2 or level3. The default value is 'unspecified'.	gen_text_input	Y
MatchType	Choose match type. The match types are AtleastOne, AtmostOne, None or All. The default is 'AtleastOne'.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternalBridgeNetworkIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input

Output	Description	Type
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY	External Network in Outside Network Identity	ApicDeviceExternalNetworkInOutsideNetworkIdentity
CONTRACT_TYPE	Contract Type	gen_text_input
CONTRACT_NAME	Contract Name	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	External Network Contract Identity	gen_text_input
QOS	QoS	gen_text_input

Delete Contract From APIC External Network

Summary

Delete a contract from an external network.

Description

This task deletes a contract from an external network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract	Select a contract to delete.	ApicDeviceTenantContractToExternal NetworkIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
TENANT_EXTERNAL_BRIDGED_NETWORK_NAME	External Bridged Network Name	gen_text_input
TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY	External Bridged Network Identity	ApicDeviceTenantExternal BridgeNetworkIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternal NetworkIdentity
CONTRACT_NAME	Contract Name	gen_text_input
TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	External Network Contract Identity	gen_text_input



APIC - External Routed Network Operations

This chapter contains the following sections:

- [Add APIC Match Community Factor To Match Community Term, on page 375](#)
- [Add APIC Match Community Term To Match Rule for Route Map, on page 376](#)
- [Add APIC Match Prefix To Match Rule, on page 377](#)
- [Add APIC Next Hop Address To Static Route, on page 378](#)
- [Add APIC Route Control Profile to External Network, on page 379](#)
- [Add APIC Route Control Profile to Subnet, on page 381](#)
- [Add AS Number to Set AS Path - Prepend AS, on page 383](#)
- [Add Additional communities to Set Rules, on page 384](#)
- [Add Context to Route Maps or Profiles in APIC External Routed Network, on page 385](#)
- [Add External Network To APIC External Routed Network, on page 387](#)
- [Add Logical Interface Profile To APIC Logical Node Profile, on page 389](#)
- [Add Logical Node to Logical Node Profile of APIC External Routed Network, on page 391](#)
- [Add Match Regex Community Term To Match Rule, on page 392](#)
- [Add Route Map or Profile to APIC External Routed Network, on page 393](#)
- [Add Set AS Path to Set Rules, on page 394](#)
- [Add Static Route To Logical Node in APIC, on page 395](#)
- [Add Subnet To APIC External Network, on page 397](#)
- [Associate Match Rules to Route Control Context in APIC External Routed Network, on page 399](#)
- [Create APIC EIGRP Interface Profile, on page 400](#)
- [Create APIC Logical OSPF Interface Profile, on page 401](#)
- [Create APIC Match Rule for a Route Map, on page 403](#)
- [Create BGP Peer Connectivity To Node Profile in APIC, on page 404](#)
- [Create Logical Node Profile To APIC External Routed Network, on page 405](#)
- [Create Routed Outside in APIC, on page 406](#)
- [Create Set Rules For A Route Map in APIC External Routed Network, on page 408](#)
- [Delete APIC EIGRP Interface Profile, on page 410](#)
- [Delete APIC Logical OSPF Interface Profile, on page 411](#)
- [Delete APIC Match Community Factor from Match Community Term, on page 412](#)
- [Delete APIC Match Community Term from Match Rule for Route Map, on page 413](#)
- [Delete APIC Match Prefix From Match Rule, on page 414](#)
- [Delete APIC Match Rule for a Route Map, on page 415](#)
- [Delete APIC Next Hop Address From Static Route, on page 416](#)

- [Delete BGP Peer Connectivity From APIC Node Profile, on page 417](#)
- [Delete External Network From APIC External Routed Network, on page 418](#)
- [Delete Logical Interface Profile from APIC Logical Node Profile, on page 419](#)
- [Delete Logical Node From APIC Logical Node Profile of External Routed Network, on page 420](#)
- [Delete Logical Node Profile From APIC External Routed Network, on page 421](#)
- [Delete Route Map or Profile from APIC External Routed Network, on page 422](#)
- [Delete Routed Interface from Logical Interface Profile, on page 423](#)
- [Delete Routed Outside in APIC, on page 424](#)
- [Delete Set Rules For a Route Map from APIC External Routed Network, on page 425](#)
- [Delete Static Route From APIC Logical Node, on page 426](#)
- [Delete Subnet From APIC External Network, on page 427](#)
- [Disassociate Match Rules from Route Control Context in APIC External Routed Network, on page 428](#)
- [Remove APIC Route Control Profile from External Network, on page 429](#)
- [Remove APIC Route Control Profile from Subnet, on page 430](#)
- [Remove AS Number from Set AS Path - Prepend AS, on page 431](#)
- [Remove Additional communities from Set Rules, on page 432](#)
- [Remove Context from Routed Maps or Profiles in APIC External Routed Network, on page 433](#)
- [Remove Match Regex Community Term From Match Rule, on page 434](#)
- [Remove Set AS Path from Set Rules, on page 435](#)
- [Update Match Regex Community Term From Match Rule, on page 436](#)
- [Update Set Rule For a Route Map in APIC External Routed Network, on page 437](#)

Add APIC Match Community Factor To Match Community Term

Summary

Add APIC Match Community Factor To Match Community Term.

Description

This task adds a match community factor to a match community term.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Community Term	Select a match community term.	APICMatchCommunityTermIdentity	Y
Community	Enter a community name. The community name can be regular:as2-nn2:4:15, extended:as4-nn2:4:15	gen_text_input	Y
Scope		APICMatchCommunityFactorScopeIdentity	
Description	Enter a description for the match community factor, up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_COMMUNITY_TERM_IDENTITY	Match Community Term Identity	APICMatchCommunityTermIdentity
OUTPUT_TENANT_MATCH_COMMUNITY_FACTOR_IDENTITY	Match Community Factor Identity	APICMatchCommunityFactorIdentity

Add APIC Match Community Term To Match Rule for Route Map

Summary

Add APIC Match Community Term To Match Rule for Route Map.

Description

This task adds a match community term to a match rule for a route map.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Rule	Select a match rule.	APIC Match Rule Identity	Y
Match Community Term Name	Enter a unique name for the match community term. The name can be up to 64 alphanumeric characters. Special characters allowed are [-, _ , . , :].	gen_text_input	Y
Description	Enter a description for the match community term, up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_COMMUNITY_TERM_IDENTITY	Match Community Term Identity	APICMatchCommunityTermIdentity

Add APIC Match Prefix To Match Rule

Summary

Add APIC Match Prefix To Match Rule.

Description

This task adds a match prefix to the match rules available in an APIC EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Rule	Select a Match Rule.	APIC Match Rule Identity	Y
IP Address	Enter the IPv4 or IPV6 address. For example, 2.2.2.2 or 1:1:1:1:2:2:2:2.	gen_text_input	Y
Aggregate	Check to enable or disable Aggregate.	Boolean	
Description	Enter a description for the match prefix, up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_RULE_NAME	APIC Tenant's Match Rule	gen_text_input
OUTPUT_MATCH_PREFIX_NAME	APIC Match Prefix Name on which the selected operation was performed	gen_text_input
OUTPUT_MATCH_PREFIX_IDENTITY	APIC Match Prefix Identity	MATCH_PREFIX_IDENTITY

Add APIC Next Hop Address To Static Route

Summary

Add APIC Next Hop Address To Static Route.

Description

This task adds a next hop address to a static route.

Inputs

Input	Description	Mappable To Type	Mandatory
Static Route	Select Static Route	ApicDeviceTenantStaticRouteToLogicalNodeIdentity	Y
Next Hop IP Address	Enter Next Hop IP	ipaddress	Y
Preference	Enter preference.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity
OUTPUT_TENANT_STATIC_ROUTE_TO_LOGICAL_NODE_IDENTITY	Static Route To Logical Node Identity	ApicDeviceTenantStaticRouteToLogicalNodeIdentity
OUTPUT_TENANT_NEXT_HOP_TO_STATIC_ROUTE_IDENTITY	Next HOP Address to Static Route Identity	APIC_TENANT_NEXT_HOP_IDENTITY

Add APIC Route Control Profile to External Network

Summary

Add APIC Route Control Profile to External Network.

Description

This task adds a route control profile to an external network.

Inputs

Input	Description	Mappable To Type	Mandatory
External Network Name	Select the external network.	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity	Y
Customize Route Control Profile Name?	Check to customize the route control profile name. Defaults to unchecked.	Boolean	
Route Control Profile Name	Click to select a route control profile.	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	Y
Route Control Profile Name	Enter route control profile name.	gen_text_input	Y
Direction	Choose route import policy or route export policy as the direction. The default value is route import policy.	APICRouteControlProfileDirectionLOVTypeIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity

Output	Description	Type
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_NAME	Route Control Profile Name	gen_text_input
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_DIRECTION	Route Control Profile Direction	APICRouteControlProfileDirectionLOVTypeIdentity
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_TO_EXTERNAL_NETWORK_IDENTITY	Route Control Profile to External Network Identity	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_TO_EXTERNAL_NETWORK_IDENTITY

Add APIC Route Control Profile to Subnet

Summary

Add APIC Route Control Profile to Subnet.

Description

This task adds a route control profile to a subnet.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet Address	Select a subnet address.	ApicTenantSubnetToExternalNetworkIdentity	Y
Customize Route Control Profile Name?	Check to customize the route control profile name. Defaults to unchecked.	Boolean	
Route Control Profile Name	Click to select a route control profile.	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	Y
Route Control Profile Name	Enter route control profile name.	gen_text_input	Y
Direction	Choose route import policy or route export policy as the direction. The default value is route import policy.	APICRouteControlProfileDirectionLOVTypeIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS	Subnet Address for External Network	gen_text_input

Output	Description	Type
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_NAME	Route Control Profile Name	gen_text_input
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_DIRECTION	Route Control Profile Direction	APICRouteControlProfileDirectionLOVTypeIdentity
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_IDENTITY	Route Control Profile Identity	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_IDENTITY

Add AS Number to Set AS Path - Prepend AS

Summary

Add AS Number to Set AS Path - Prepend AS.

Description

This task adds AS Number to Set AS Path - Prepend AS in Set Rules for Route Map on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Set AS Path	Select an set as path criteria.	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY	Y
ASN	Enter an asn.	gen_text_input	
Order	Enter an order.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity
OUTPUT_TENANT_SET_AS_PATH_SET_RULE_PROFILE_IDENTITY	APIC Tenant Set As Path to Set Profile identity	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY
OUTPUT_TENANT_AS_NUMBER_TO_SET_AS_PATH_IDENTITY	APIC Tenant AS Number to Set AS Path Identity	APIC Tenant AS Number to Set AS Path Identity

Add Additional communities to Set Rules

Summary

Add Additional communities to Set Rules.

Description

This task adds additional communities to set rules on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Set Rule Profile Name	Select an action rule profile name to add additional communities to it.	ApicDeviceTenantActionRuleProfileIdentity	Y
Community	Enter community in the following format: regular:as2-nn2:4:15 , extended:as4-nn2:5:16 , no-export , no-advertise	gen_text_input	Y
Criteria	Choose the criteria.		
Description	Enter the description.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_NAME	Action Rule Profile Name	gen_text_input
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_IDENTITY	APIC Tenant Additional Community to Set Profile identity	APIC_TENANT_ADDITIONAL_COMMUNITY_SET_PROFILE_TERM_IDENTITY

Add Context to Route Maps or Profiles in APIC External Routed Network

Summary

Add Context to Route Maps/Profiles in APIC External Routed Network.

Description

This task adds context to route maps and profiles in an APIC external routed network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Profile	Route Profile	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	Y
Context Name	Context Name	gen_text_input	Y
Order	Order	gen_text_input	Y
Action	Choose permit or deny as the action. The default value is permit.	APIC Route Profile Context Action Identity	
Description	Description	gen_text_input	
Action Rule Profile Name	Action Rule Profile Name	ApicDeviceTenantActionRuleProfile Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
TENANT_ROUTED_PROFILE_NAME	Routed Profile Name	gen_text_input
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetwork Identity

Output	Description	Type
TENANT_EXTERNAL_NETWORK_CONTEXT_NAME	Context Name	gen_text_input
TENANT_EXTERNAL_NETWORK_CONTEXT_IDENTITY	Context Identity	ApicTenantContextToRouteProfileIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity

Add External Network To APIC External Routed Network

Summary

Add an external network to an external routed network.

Description

This task adds an external network to an external routed network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Routed Network	Select an external routed network.	ApicDeviceTenantL3Out Identity	Y
External Network Name	Enter the external network name.	gen_text_input	Y
Description	Enter a short description for external network.	gen_text_input	
Alias	Enter an alias, a changeable name for an object. Unlike the name of an object, the alias can be changed.	gen_text_input	
Tags	Select comma separated Tag(s).	ApicDeviceTagIdentity	
QOS	Choose level1, level2, level3, unspecified, custom as QoS class. The default value is unspecified.	gen_text_input	
Contract Exception Tag	Enter the contract exception tag.	gen_text_input	
DSCP Target	Select DSCP target value between 0 to 64. The default value is unspecified.	ApicCustomQosPolicy DscpTargetIdentity	
Enter DSCP Target	Enter DSCP target value between 0 to 64. The default value is unspecified.	gen_text_input	
Preferred Group Member	Choose include or exclude as preferred group member. The default value is blank.	APIC Exclude or Include Type	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity

Output	Description	Type
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network in External Routed Network Identity	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity
DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY	External Network in Outside Network Identity	ApicDeviceExternalNetworkInOutsideNetworkIdentity
TENANT_EXTERNAL_NETWORK_ALIAS	External Network Alias Name	gen_text_input
TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY	External Network Tags Identity	ApicDeviceTagIdentity
QOS	QoS	gen_text_input

Add Logical Interface Profile To APIC Logical Node Profile

Summary

Add a logical interface profile to a logical node profile.

Description

This task adds a logical interface profile to a logical node profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Node Profile Name	Specify Logical Node Profile Name	ApicDeviceTenantLogicalNodeProfileIdentity	Y
Logical Interface Profile Name	Enter Logical Interface Profile Name	gen_text_input	Y
Description	Logical Interface Profile Description	gen_text_input	
ND Policy	Select ND Interface Policy Name.	ApicDeviceTenantNDInterfacePolicyIdentity	
Egress Data Plane Policing Policy	Select an egress data plane policing policy.	APIC Data Plane Policing Policy Identity	
Ingress Data Plane Policing Policy	Select an ingress data plane policing policy.	APIC Data Plane Policing Policy Identity	
QoS Priority	Choose Priority. The priority level of the QoS can be unspecified, level1, level2 or level3. The default value is 'unspecified'.	ApicCustomQoSPriorityIdentity	
Custom QoS Policy	Select an custom QoS policy name.	ApicTenantCustomQoSPolicyIdentity	
IGMP Policy	Select IGMP interface policy name.	INTERFACE_POLICY_IDENTITY	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity

Output	Description	Type
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_NAME	Logical Interface Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity

Add Logical Node to Logical Node Profile of APIC External Routed Network

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Logical Node Profile Name	Choose a logical node profile name.	ApicDeviceTenantLogicalNodeProfileIdentity	Y
Node	Select a node.	ApicFabricNodeIdentity	Y
Router ID	Enter a router ID.	gen_text_input	Y
Use Router ID as Loopback Address	Choose true to use router ID as loopback address. The default value is unspecified.	APICCheckBoxTrueorFalse Type	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity

Add Match Regex Community Term To Match Rule

Summary

Add Match Regex Community Term To Match Rule.

Description

This task adds a match regex community term to a match rule under external routed networks on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Rule	Select a match rule to add match regex community term.	APIC Match Rule Identity	Y
Match Regex Community Name	Enter a unique name for the match regex community name.	gen_text_input	Y
Regular Expression	Enter regular expression.	gen_text_input	
Community Type	Select community type. Default community type is regular	APIC Match Regex Community Type Identity	
Description	Enter a short description for the match regex community term. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_NAME	Match Regex Community Term Name	gen_text_input
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_IDENTITY	Match Regex Community Term Identity	APIC Match Regex Community Term Identity

Add Route Map or Profile to APIC External Routed Network

Summary

Add a route map/profile to APIC external routed network.

Description

This task creates a route map or profile to an external routed network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Routed Network	Select an external routed network.	ApicDeviceTenantL3Out Identity	Y
Route Control Profile Name	Choose default-import or default-export or enter customized value as route control profile name. The default value is unspecified.	ROUTE_CONTROL_PROFILE_NAME_IDENTITY	
Enter Route Control Profile Name	Enter route control profile name.		
Type	Choose Match Prefix AND Route Policy, Match Routing Policy Only as type. The default value is Match Prefix AND Route Policy.	ROUTE_CONTROL_PROFILE_TYPE_IDENTITY	
Description	Enter a short description for routed control profile.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
TENANT_ROUTED_PROFILE_NAME	Routed Profile Name	gen_text_input
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRouted ProfileToExtRoutedNetwork Identity

Add Set AS Path to Set Rules

Summary

Add Set AS Path to Set Rules.

Description

This task adds Set AS Path to the set rules on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Set Rule Profile Name	Select an action rule profile name to add set as path to it.	ApicDeviceTenantActionRuleProfile Identity	Y
Criteria	Choose the criteria.	APIC_SET_AS_PATH_SET_RULES_CRITERIA_IDENTITY	Y
Count	Enter the count.	gen_text_input	
ASN	Enter an asn.	gen_text_input	
Order	Enter an order.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRule ProfileIdentity
OUTPUT_TENANT_SET_AS_PATH_SET_RULE_PROFILE_IDENTITY	APIC Tenant Set As Path to Set Profile identity	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY

Add Static Route To Logical Node in APIC

Summary

Add a static route to a logical node.

Description

This task adds static route information to a logical node.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicDeviceTenantLogicalNodeIdentity	Y
Static Route Prefix	Provide a static route prefix.	gen_text_input	Y
Preference	Enter preference within a range 1 - 255. The default value is 1.	gen_text_input	
Route Control BFD	Check to enable route control BFD. Defaults to unchecked.	Boolean	
Next Hop IP	Provide next hop IP.	ipaddress	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_STATIC_ROUTE_IP	Static Route IP	ipaddress
OUTPUT_TENANT_STATIC_ROUTE_IP_PREFIX	Static Route IP Prefix	gen_text_input
OUTPUT_TENANT_STATIC_ROUTE_NEXT_HOP_IP	Static Route NextHop IP	ipaddress

Output	Description	Type
OUTPUT_TENANT_STATIC_ROUTE_TO_LOGICAL_NODE_IDENTITY	Static Route To Logical Node Identity	ApicDeviceTenantStaticRouteToLogicalNodeIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity

Add Subnet To APIC External Network

Summary

Add a subnet to an external network.

Description

This task adds a subnet to an external network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Network Name	Select an external network name.	ApicTenant ExternalNetwork ToExternalRouted NetworkIdentity	Y
Subnet Address	Enter the subnet address in the format i.i.i.i. For example: 10.12.2.3.	ipaddress	Y
Subnet Prefix	Enter the subnet prefix. Valid Subnet prefix in the range (0-30).	gen_text_input	
Scope			
Export Route Control Subnet	Check this option to set the Export Route Control Subnet. By default, this field is unchecked.	Boolean	
Import Route Control Subnet	Check this option to set the Import Route Control Subnet. By default, this field is unchecked.	Boolean	
External Subnets for the External EPG	Check this option to set the External Subnet for the External EPG. By default, this field is checked.	Boolean	
Shared Route Control Subnet	Check this option to set the Shared Route Control Subnet. By default, this field is unchecked.	Boolean	
Shared Security Import Subnet	Check this option to set the Shared Security Import Subnet. By default, this field is unchecked.	Boolean	
Aggregate			
Aggregate Export	Check this option to set the Aggregate Export. By default, this field is unchecked.	Boolean	
Aggregate Import	Check this option to set the Aggregate Import. By default, this field is unchecked.	Boolean	
Aggregate shared Routes	Check this option to set the Aggregate Shared Routes. By default, this field is unchecked.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS	Subnet Address for External Network	gen_text_input

Associate Match Rules to Route Control Context in APIC External Routed Network

Summary

Associate Match Rules to Route Control Context in APIC External Routed Network.

Description

This task associates match rules to a route control context in an APIC external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Control Context	Select a route control context.	ApicTenantContextToRouteProfileIdentity	Y
Match Rule Name	Select a match rule name to be associated.	APIC Match Rule Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity
TENANT_EXTERNAL_NETWORK_CONTEXT_IDENTITY	Context Identity	ApicTenantContextToRouteProfileIdentity
OUTPUT_TENANT_MATCHED_RULES_TO_ERN_ROUTE_PROFILE_CONTEXT_IDENTITY	APIC Matched Rules To ERN Route Profile Context Identity	APIC_TENANT_ASSOCIATE_MATCHED_RULES_TO_ERN_ROUTE_PROFILE_CONTEXT_IDENTITY
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity

Create APIC EIGRP Interface Profile

Summary

Create an EIGRP interface profile.

Description

This task creates an EIGRP interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Profile Name	Select Logical Interface Profile name.	ApicDeviceTenantLogicalInterfaceProfileIdentity	Y
Name	Enter the EIGRP interface policy name.	gen_text_input	Y
Description	Enter the description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Select EIGRP Interface Policy	Select EIGRP Interface Policy.	ApicDeviceTenantEIGRPInterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
TENANT_LOGICAL_EIGRP_INTERFACE_PROFILE	Tenant Logical EIGRP Interface Profile	gen_text_input
DEVICE_TENANT_EIGRP_INTERFACE_IDENTITY	Tenant Logical EIGRP Interface Profile Identity	ApicDeviceTenantLogicalEIGRPInterfaceProfileIdentity

Create APIC Logical OSPF Interface Profile

Summary

Create a logical OSPF interface profile.

Description

This task creates a logical open shortest path first (OSPF) interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Profile Name	Select a Logical Interface Profile name.	ApicDeviceTenantLogicalInterfaceProfileIdentity	Y
Name	Enter the logical OSPF interface profile name.	gen_text_input	Y
Description	Enter the description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Authentication Key	Enter the authentication key.	password	
Confirm Authentication Key	Enter the same authentication key for confirmation.	password	
Authentication Key ID	Enter the authentication key ID. The key ID is a numeric value.	gen_text_input	
Authentication Type	Select Authentication Type.	ApicLogicalOSPFInterfaceAuthenticationType	
Associated OSPF Interface Policy Name	Select Associated OSPF Interface Policy name.	ApicDeviceTenantOSPFInterfaceIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity

Output	Description	Type
TENANT_LOGICAL_OSPF_INTERFACE_PROFILE	Tenant Logical OSPF Interface Profile	gen_text_input
TENANT_LOGICAL_OSPF_INTERFACE_PROFILE_IDENTITY	Tenant Logical OSPF Interface Profile Identity	ApicDeviceTenantLogicalOSPFInterfaceProfileIdentity

Create APIC Match Rule for a Route Map

Summary

Create APIC Match Rule for a Route Map.

Description

This task creates an APIC match rule for a route map.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Match Rule Name	Enter a unique name for the match rule	gen_text_input	Y
Match Rule Description	Enter a short description for the match rule. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_RULE_NAME	APIC Tenant's Match Rule	gen_text_input

Create BGP Peer Connectivity To Node Profile in APIC

Summary

Create a BGP peer connection to a node profile.

Description

This task creates a border gateway (BGP) peer connection to a node profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Node Profile Name	Select a Logical Node Profile name.	ApicDeviceTenantLogicalNodeProfileIdentity	Y
Peer Address	Enter Peer Address in the format i.i.i.i. For example: 2.2.2.2.	ipaddress	Y
Description	Enter a Node Profile description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Send Extended Community	Check Send Extended Community either true or false. The default value is false.		
Send Community	Check Send Community either true or false. The default value is false.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_BGP_PEER_CONNECTIVITY	BGP Peer Connectivity Profile	gen_text_input
OUTPUT_TENANT_BGP_PEER_CONNECTIVITY_IDENTITY	BGP Peer Connectivity Profile Identity	ApicDeviceTenantBGPPeerConnectivityProfileIdentity

Create Logical Node Profile To APIC External Routed Network

Summary

Create a logical node profile to an external routed network.

Description

This task creates a logical node profile to an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Routed Network	Select an external routed network.	ApicDeviceTenantL3Out Identity	Y
Name	Provide logical node profile name.	gen_text_input	Y
Description	Provide logical node profile description.	gen_text_input	
DSCP Target	Select DSCP target value between 0 to 64. The default value is unspecified.	ApicCustomQosPolicyDscp TargetIdentity	
Enter DSCP Target	Enter target DSCP.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogical NodeProfileIdentity

Create Routed Outside in APIC

Summary

Create Routed Outside in APIC.

Description

This task creates routed outside in an APIC external routed network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
External Routed Network Name	Enter the external routed network name.	gen_text_input	Y
Description	Enter a short description for external routed network.	gen_text_input	
Alias	Enter external routed network alias.		
Tags	Provide tags.	ApicDeviceTagIdentity	
Network	Provide network.	ApicDeviceTenantPrivateNetworkIdentity	
External Routed Domain	Select external routed domain.	ApicDeviceTenantRoutedDomainIdentity	
BGP	Check to enable BGP. Defaults to unchecked.	gen_text_input	
OSPF	Check to enable OSPF. Defaults to unchecked.	gen_text_input	
OSPF Area ID	Provide OSPF area ID.	gen_text_input	
OSPF Area Type	Choose NSSA area or regular area of stub area as area type. The default value is NSSA area.	gen_text_input	
EIGRP	Check to enable EIGRP mode. Defaults to unchecked.	gen_text_input	
Autonomous System Number	Provide autonomous system number between 1-8000	gen_text_input	
PIM	Check to choose option PIM. Defaults to unchecked.	Boolean	
Target DSCP	Select DSCP target value. The default value is empty	ApicCustomQosPolicyDscpTargetIdentity	
Enter Target DSCP	Enter target DSCP value between 0 to 64. The default value is empty.	gen_text_input	
Route Profile for Interleak	Select route profile for interleak.	APIC_TENANT_EXTERNAL_ROUTED_NETWORK_ROUTE_	

Input	Description	Mappable To Type	Mandatory
		PROFILE_INTERLEAK_IDENTITY	
Provider Label	Enter provider label.	gen_text_input	
Consumer Label	Enter consumer label.	gen_text_input	
Route Control Enforcement			
Export		gen_text_input	
Import	Check to enable/disable the import mode. Defaults to unchecked.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_ROUTED_DOMAIN_IDENTITY	External Routed Domain Identity	ApicDeviceTenantRoutedDomainIdentity
TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY	External Network Tags Identity	ApicDeviceTagIdentity
TENANT_EXTERNAL_NETWORK_OSPF_ID	External Network OSPF Id	gen_text_input
TENANT_EXTERNAL_NETWORK_OSPF_AREA_TYPE	External Network OSPF Area Type	gen_text_input

Create Set Rules For A Route Map in APIC External Routed Network

Summary

Create set rules for a route map in APIC external routed network.

Description

This task creates set rules for a route map in an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Action Rule Profile Name	Enter the action rule profile name.	gen_text_input	Y
Description	Enter the description.	gen_text_input	
Set Community	Check to enable set community. Defaults to unchecked.	Boolean	
Set Route Tag	Check to enable set route tag. Defaults to unchecked.	Boolean	
Set Dampening	Check to enable set dampening. Defaults to unchecked.	Boolean	
Set Weight	Check to enable set weight. Defaults to unchecked.	Boolean	
Set Next Hop	Check to enable set next hop. Defaults to unchecked.	Boolean	
Set Preference	Check to enable set preference. Defaults to unchecked.	Boolean	
Set Metric	Check to enable set metric. Defaults to unchecked.	Boolean	
Set Metric Type	Check to enable set metric type. Defaults to unchecked.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Output	Description	Type
DEVICE_TENANT_ACTION_RULE_PROFILE_NAME	Action Rule Profile Name	gen_text_input
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity

Delete APIC EIGRP Interface Profile

Summary

Delete an EIGRP interface profile.

Description

This task deletes a EIGRP interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
EIGRP Interface Profile Name	Select EIGRP Interface Profile name to delete.	ApicDeviceTenantLogicalEIGRPInterfaceProfileIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
TENANT_LOGICAL_EIGRP_INTERFACE_PROFILE	Tenant Logical EIGRP Interface Profile	gen_text_input
DEVICE_TENANT_EIGRP_INTERFACE_IDENTITY	Tenant Logical EIGRP Interface Profile Identity	ApicDeviceTenantLogicalEIGRPInterfaceProfileIdentity

Delete APIC Logical OSPF Interface Profile

Summary

Delete a logical OSPF interface profile.

Description

This task deletes a logical open shortest path first (OSPF) interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
OSPF Interface Profile Name	Select OSPF Interface Profile name to delete.	ApicDeviceTenantLogical OSPFInterfaceProfile Identity	Y
Do you want to delete the selected Logical OSPF Interface Profile?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3Out Identity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogical NodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogical InterfaceProfileIdentity
TENANT_LOGICAL_OSPF_INTERFACE_PROFILE	Tenant Logical OSPF Interface Profile	gen_text_input
TENANT_LOGICAL_OSPF_INTERFACE_PROFILE_IDENTITY	Tenant Logical OSPF Interface Profile Identity	ApicDeviceTenantLogical OSPFInterfaceProfileIdentity

Delete APIC Match Community Factor from Match Community Term

Summary

Delete APIC Match Community Factor from Match Community Term.

Description

This task deletes a match community factor from a match community term.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Community Factor	Select a match community factor to be deleted.	APICMatchCommunityFactor Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_COMMUNITY_TERM_IDENTITY	Match Community Term Identity	APICMatchCommunityTermIdentity
OUTPUT_TENANT_MATCH_COMMUNITY_FACTOR_IDENTITY	Match Community Factor Identity	APICMatchCommunityFactorIdentity

Delete APIC Match Community Term from Match Rule for Route Map

Summary

Delete APIC Match Community Term from Match Rule for Route Map.

Description

This task deletes a match community term from a match rule for a route map.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Community Term	Select a match community term to be deleted.	APICMatchCommunityTerm Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_COMMUNITY_TERM_IDENTITY	Match Community Term Identity	APICMatchCommunityTermIdentity

Delete APIC Match Prefix From Match Rule

Summary

Delete APIC Match Prefix From Match Rule.

Description

This task removes a match prefix from the match rules available in APIC EPG.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Prefix	Select a Match Prefix to be deleted.	MATCH_PREFIX_IDENTITY	Y
Do you want to delete the selected Match Prefix?	Do you want to delete the selected Match Prefix?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_RULE_NAME	APIC Tenant's Match Rule	gen_text_input
OUTPUT_MATCH_PREFIX_NAME	APIC Match Prefix Name on which the selected operation was performed	gen_text_input
OUTPUT_MATCH_PREFIX_IDENTITY	APIC Match Prefix Identity	MATCH_PREFIX_IDENTITY

Delete APIC Match Rule for a Route Map

Summary

Delete APIC Match Rule for a Route Map.

Description

This task deletes an APIC match rule from a route map.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Rule Name	Select match rule to delete.	APIC Match Rule Identity	Y
Do you want to delete the selected match rule?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_RULE_NAME	APIC Tenant's Match Rule	gen_text_input

Delete APIC Next Hop Address From Static Route

Summary

Delete APIC Next Hop Address From Static Route.

Description

This task removes a next hop address from a static route.

Inputs

Input	Description	Mappable To Type	Mandatory
Next HOP Address	Select next HOP address to be deleted.	APIC_TENANT_NEXT_HOP_IDENTITY	Y
Do you want to delete the selected next HOP address from static route?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity
OUTPUT_TENANT_STATIC_ROUTE_TO_LOGICAL_NODE_IDENTITY	Static Route To Logical Node Identity	ApicDeviceTenantStaticRouteToLogicalNodeIdentity
OUTPUT_TENANT_NEXT_HOP_TO_STATIC_ROUTE_IDENTITY	Next HOP Address to Static Route Identity	APIC_TENANT_NEXT_HOP_IDENTITY

Delete BGP Peer Connectivity From APIC Node Profile

Summary

Delete a BGP peer connection from a node profile.

Description

This task deletes a border gateway (BGP) peer connection from a node profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
BGP Peer Connectivity Name	Select BGP Peer Connectivity name.	ApicDeviceTenantBGPPeerConnectivityProfileIdentity	Y
Do you want to delete the selected BGP Peer Connectivity Profile From Node Profile?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_BGP_PEER_CONNECTIVITY	BGP Peer Connectivity Profile	gen_text_input
OUTPUT_TENANT_BGP_PEER_CONNECTIVITY_IDENTITY	BGP Peer Connectivity Profile Identity	ApicDeviceTenantBGPPeerConnectivityProfileIdentity

Delete External Network From APIC External Routed Network

Summary

Delete an external network from an external routed network.

Description

This task deletes an external network from an external routed network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Network Name	Select an external network from an APIC External Routed Network.	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity	Y
Do you want to delete the selected External Network from External Routed Network?	Do you want to delete the selected External Network from External Routed Network?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input

Delete Logical Interface Profile from APIC Logical Node Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Profile Name	Select a Logical Interface Profile from an APIC Logical Node Profile.	ApicDeviceTenantLogicalInterfaceProfileIdentity	Y
Do you want to delete the selected Logical Interface Profile From Logical Node Profile?	Do you want to delete the selected Logical Interface Profile From Logical Node Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_NAME	Logical Interface Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity

Delete Logical Node From APIC Logical Node Profile of External Routed Network

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicDeviceTenantLogicalNodeIdentity	Y
Do you want to delete the selected Logical Node From Node Profile?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity

Delete Logical Node Profile From APIC External Routed Network

Summary

Delete a logical node profile from an external routed network.

Description

This task deletes a logical node profile from an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Node Profile Name	Select Logical Node profile From an APIC External Routed Network.	ApicDeviceTenantLogicalNodeProfileIdentity	Y
Do you want to delete the selected Logical Node Profile From External Routed Network?	Do you want to delete the selected Logical Node Profile From External Routed Network?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity

Delete Route Map or Profile from APIC External Routed Network

Summary

Delete route map/profile from APIC external routed network.

Description

This task deletes a route map or profile from an external routed network from a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Control Profile Name	Select a Route Control Profile name.	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity	Y
Do you want to delete the selected Routed Control Profile From External Routed Network?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_ROUTED_PROFILE_NAME	Routed Profile Name	gen_text_input
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity

Delete Routed Interface from Logical Interface Profile

Summary

Delete routed interface from logical interface profile.

Description

This task deletes a routed interface from a logical interface profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Interface From an APIC Logical Interface profile.	ApicDeviceInterfaceToLogicalInterfaceProfileIdentity	Y
Do you want to delete the selected Interface To Logical Interface Profile?	Do you want to delete the selected Interface To Logical Interface Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
FABRIC_PHYSICAL_INTERFACE_IDENTITY	APIC Physical Interface Identity	ApicFabricPhysicalInterfaceIdentity

Delete Routed Outside in APIC

Summary

Delete routed outside in APIC.

Description

This task deletes routed outside for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Routed Network Name	Select any one of the External Routed Networks to delete.	ApicDeviceTenant L3OutIdentity	Y
Do you want to delete the selected External Routed Network?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity

Delete Set Rules For a Route Map from APIC External Routed Network

Summary

Delete set rules for a route map from APIC external routed network.

Description

This task deletes set rules for a route map from an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Action Rule Profile Name	Select an action rule profile name to be deleted.	ApicDeviceTenantActionRuleProfileIdentity	Y
Do you want to delete the selected Tenant Action Rule Profile?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_NAME	Action Rule Profile Name	gen_text_input
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity

Delete Static Route From APIC Logical Node

Summary

Delete a static route from a logical node.

Description

This task deletes a static route from a logical node.

Inputs

Input	Description	Mappable To Type	Mandatory
Static Route	Select Static Route to delete.	ApicDeviceTenantStaticRouteToLogicalNodeIdentity	Y
Do you want to delete the selected Static Route from Logical Node?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE	Logical Node Profile Name	gen_text_input
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_STATIC_ROUTE_TO_LOGICAL_NODE_IDENTITY	Static Route To Logical Node Identity	ApicDeviceTenantStaticRouteToLogicalNodeIdentity
OUTPUT_TENANT_LOGICAL_NODE_IDENTITY	Logical Node Identity	ApicDeviceTenantLogicalNodeIdentity

Delete Subnet From APIC External Network

Summary

Delete a subnet from an external network.

Description

This task deletes a subnet from an external network for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet Address	Select a Subnet Address to delete.	ApicTenantSubnetToExternalNetworkIdentity	Y
Do you want to delete the selected Subnet From External Network?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS	Subnet Address for External Network	gen_text_input

Disassociate Match Rules from Route Control Context in APIC External Routed Network

Summary

Disassociate Match Rules from Route Control Context in APIC External Routed Network.

Description

This task dissociates match rules from a route control context in an APIC external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Rule Name	Select a match rule name to be disassociated.	APIC_TENANT_ASSOCIATE_MATCHED_RULES_TO_ERN_ROUTE_PROFILE_CONTEXT_IDENTITY	Y
Do you want to disassociate the selected match rule name?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity
TENANT_EXTERNAL_NETWORK_CONTEXT_IDENTITY	Context Identity	ApicTenantContextToRouteProfileIdentity
OUTPUT_TENANT_MATCHED_RULES_TO_ERN_ROUTE_PROFILE_CONTEXT_IDENTITY	APIC Matched Rules To ERN Route Profile Context Identity	APIC_TENANT_ASSOCIATE_MATCHED_RULES_TO_ERN_ROUTE_PROFILE_CONTEXT_IDENTITY

Remove APIC Route Control Profile from External Network

Summary

Remove APIC Route Control Profile from External Network.

Description

This task removes a route control profile from an external network.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Control Profile Name	Select route control profile name.	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_TO_EXTERNAL_NETWORK_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_NAME	Route Control Profile Name	gen_text_input
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_DIRECTION	Route Control Profile Direction	APICRouteControlProfileDirectionLOVTypeIdentity
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_TO_EXTERNAL_NETWORK_IDENTITY	Route Control Profile to External Network Identity	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_TO_EXTERNAL_NETWORK_IDENTITY

Remove APIC Route Control Profile from Subnet

Summary

Remove APIC Route Control Profile from Subnet.

Description

This task removes a route control profile from a subnet.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Control Profile Name	Select route control profile name.	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_EXTERNAL_NETWORK_NAME	External Network Name	gen_text_input
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS	Subnet Address for External Network	gen_text_input
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_NAME	Route Control Profile Name	gen_text_input
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_DIRECTION	Route Control Profile Direction	APICRouteControlProfileDirectionLOVTypeIdentity
OUTPUT_TENANT_ROUTE_CONTROL_PROFILE_IDENTITY	Route Control Profile Identity	APIC_DEVICE_TENANT_ROUTE_CONTROL_PROFILE_IDENTITY

Remove AS Number from Set AS Path - Prepend AS

Summary

Remove AS Number from Set AS Path - Prepend AS.

Description

This task removes AS Number from Set AS Path - Prepend AS in Set Rules for Route Map on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
AS Number	Select an AS number to be deleted from set as path.	APIC Tenant AS Number to Set AS Path Identity	Y
Do you want to remove SA Number from the selected set as path?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity
OUTPUT_TENANT_SET_AS_PATH_SET_RULE_PROFILE_IDENTITY	APIC Tenant Set As Path to Set Profile identity	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY
OUTPUT_TENANT_AS_NUMBER_TO_SET_AS_PATH_IDENTITY	APIC Tenant AS Number to Set AS Path Identity	APIC Tenant AS Number to Set AS Path Identity

Remove Additional communities from Set Rules

Summary

Remove Additional communities from Set Rules.

Description

This task removes additional communities from set rules on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Additional Community	Select an additional community name to be deleted.	APIC_TENANT_ADDITIONAL_COMMUNITY_SET_PROFILE_TERM_IDENTITY	Y
Do you want to delete the selected additional community from Set Rule?	Do you want to delete the selected Additional Community from Set Rule?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_NAME	Action Rule Profile Name	gen_text_input
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_IDENTITY	APIC Tenant Additional Community to Set Profile identity	APIC_TENANT_ADDITIONAL_COMMUNITY_SET_PROFILE_TERM_IDENTITY

Remove Context from Routed Maps or Profiles in APIC External Routed Network

Summary

Remove context from routed maps/profiles in APIC external routed network.

Description

This task removes a context from routed maps and profiles in an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Context Name	Select a Context.	ApicTenantContextToRouteProfileIdentity	Y
Do you want to delete the selected Context From Routed Profile?	Do you want to delete the selected Context From Routed Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
TENANT_ROUTED_PROFILE_NAME	Routed Profile Name	gen_text_input
TENANT_ROUTED_PROFILE_IDENTITY	Routed Profile Name Identity	ApicDeviceTenantRoutedProfileToExtRoutedNetworkIdentity
TENANT_EXTERNAL_NETWORK_CONTEXT_NAME	Context Name	gen_text_input
TENANT_EXTERNAL_NETWORK_CONTEXT_IDENTITY	Context Identity	ApicTenantContextToRouteProfileIdentity

Remove Match Regex Community Term From Match Rule

Summary

Remove Match Regex Community Term From Match Rule.

Description

This task removes a match regex community term from a match rule under external routed networks on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Regex Community Term	Select match regex community term to delete.	APIC Match Regex Community Term Identity	Y
Do you want to delete the selected regex community term rule?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_NAME	Match Regex Community Term Name	gen_text_input
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_IDENTITY	Match Regex Community Term Identity	APIC Match Regex Community Term Identity

Remove Set AS Path from Set Rules

Summary

Remove Set AS Path from Set Rules.

Description

This task removes Set AS Path from the set rules on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Set AS Path	Select an set as path criteria to be deleted.	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY	Y
Do you want to delete the selected set as path from Set Rule?	Do you want to delete the selected set as path from Set Rule?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity
OUTPUT_TENANT_SET_AS_PATH_SET_RULE_PROFILE_IDENTITY	APIC Tenant Set As Path to Set Profile identity	APIC_TENANT_SET_AS_PATH_SET_PROFILE_TERM_IDENTITY

Update Match Regex Community Term From Match Rule

Summary

Update Match Regex Community Term To Match Rule.

Description

This task updates a match regex community term to a match rule under external routed networks on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Match Regex Community Term	Select match regex community term to Update.	APIC Match Regex Community Term Identity	Y
Match Regex Community Name	Enter a unique name for the match regex community name.	gen_text_input	Y
Regular Expression	Enter regular expression.	gen_text_input	
Community Type	Select community type. Default community type is regular		
Description	Enter a short description for the match regex community term. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_MATCH_RULE_IDENTITY	APIC Tenant's Match Rule Identity	APIC Match Rule Identity
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_NAME	Match Regex Community Term Name	gen_text_input
OUTPUT_TENANT_MATCH_REGEX_COMMUNITY_TERM_IDENTITY	Match Regex Community Term Identity	APIC Match Regex Community Term Identity

Update Set Rule For a Route Map in APIC External Routed Network

Summary

Update set rule for a route map in APIC external routed network.

Description

This task updates set rules on a route map in an external routed network on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Action Rule Profile Name	Select an action rule profile name.	ApicDeviceTenantActionRuleProfileIdentity	Y
Description	Enter the description.	gen_text_input	
Set Community	Check to enable set community.	Boolean	
Set Route Tag	Check to enable set route tag.	Boolean	
Set Dampening	Check to enable set dampening.	Boolean	
Set Weight	Check to enable set weight.	Boolean	
Set Next Hop	Check to enable set next hop.	Boolean	
Set Preference	Check to enable set preference.	Boolean	
Set Metric	Check to enable set metric.	Boolean	
Set Metric Type	Check to enable set metric type.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ACTION_RULE_PROFILE_NAME	Action Rule Profile Name	gen_text_input
DEVICE_TENANT_ACTION_RULE_PROFILE_IDENTITY	Action Rule Profile Identity	ApicDeviceTenantActionRuleProfileIdentity



APIC - Filter Operations

This chapter contains the following sections:

- [Create APIC Tenant Filter, on page 440](#)
- [Create APIC Tenant Filter Rule, on page 441](#)
- [Delete APIC Tenant Filter, on page 443](#)
- [Delete APIC Tenant Filter Rule, on page 444](#)

Create APIC Tenant Filter

Summary

Create a tenant filter.

Description

This task creates a tenant filter on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Filter Name	Enter a filter name.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilter Identity

Create APIC Tenant Filter Rule

Summary

Create a tenant filter rule.

Description

This task creates a tenant filter rule on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a filter name.	ApicDeviceTenant FilterIdentity	Y
Filter Rule Name	Enter a filter rule name.	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Ethernet Type	Choose an ethernet type. Specify any one of these values: unspecified, arp, fcoe, ip, MAC security, mpls unicast, trill. The default value is 'unspecified'.	gen_text_input	Y
ARP Flag	Choose an ARP Flag. Specify any one of these values: unspecified, arp reply, arp request. The default value is 'unspecified'.	gen_text_input	
IP Protocol	Choose IP Protocol. Specify any one of these values: egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default value is 'unspecified'.	gen_text_input	
Allow Fragment	Check or uncheck whether Allow Fragment is true or false. The default value is false.	gen_text_input	
Source Port Start	Choose a source port start. Specify any one of these values: unspecified, ftpData, SMTP, DNS, HTTP, POP3, HTTPS, RTSP. The default value is 'unspecified'.	gen_text_input	
Source Port Start Custom	Enter a custom source port start. The value must be between 0 and 65535.	gen_text_input	Y
Source Port End	Choose a source port end. Specify any one of these values: unspecified, ftpData, SMTP, DNS, HTTP, POP3, HTTPS, RTSP. The default value is 'unspecified'.	gen_text_input	
Source Port End Custom	Enter a custom source port end. The value must be between 0 and 65535.	gen_text_input	Y
Destination Port Start	Choose a destination port start. Specify any one of these values: unspecified, ftpData, SMTP,	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	DNS, HTTP, POP3, HTTPS,RTSP. The default value is 'unspecified'.		
Destination Port Start Custom	Enter a custom destination port start. The value must be between 0 and 65535.	gen_text_input	Y
Destination Port End	Choose a destination port end. Specify any one of these values: unspecified, ftpData, SMTP, DNS, HTTP, POP3, HTTPS,RTSP. The default value is 'unspecified'.	gen_text_input	
Destination Port End Custom	Enter Destination Port End Custom. The value must be between 0 and 65535.	gen_text_input	Y
TCP Session Rule	Select a TCP session rule.		
Stateful	Check or uncheck to make Stateful true or false. The default value is false.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilter Identity
TENANT_FILTER_RULE	Tenant's Filter Rule	gen_text_input
TENANT_FILTER_RULE_IDENTITY	Tenant's Filter Rule Identity	ApicDeviceTenantFilterRule Identity

Delete APIC Tenant Filter

Summary

Delete a tenant filter.

Description

This task deletes a tenant filter on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a filter name.	ApicDeviceTenantFilter Identity	Y
Do you want to delete the selected Tenant Filter?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input

Delete APIC Tenant Filter Rule

Summary

Delete a tenant filter rule.

Description

This task deletes a tenant filter rule on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Rule Name	Select filter rule name	ApicDeviceTenantFilterRule Identity	Y
Do you want to delete the selected Tenant Filter Rule?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilter Identity
TENANT_FILTER_RULE	Tenant's Filter Rule	gen_text_input
TENANT_FILTER_RULE_IDENTITY	Tenant's Filter Rule Identity	ApicDeviceTenantFilterRule Identity



APIC - L4-L7 Services - Device Operations

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Add Cluster Interface to L4-L7 in APIC

Summary

Add cluster interface details like name, path, and logical interface to a L4-L7.

Description

This task adds cluster interface details like name, path, and logical interface to an L4-L7 on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Name	Provide Device Name	ApicDeviceTenantConcreteDevice Identity	Y
Concrete Interface	Provide Concrete Interface	gen_text_input	Y
Path	Provide Static Path	ApicDeviceStaticPathIdentity	
vNIC	Provide vNIC	gen_text_input	
Device Cluster Name	Provide Device Cluster Name	ApicDeviceClusterDevicePackage Identity	Y
Interface Name	Provide Interface Name	gen_text_input	Y
Interface Type	Provide Interface Type	ApicDevicePackageInterface Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDevice ClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcrete DeviceIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE	APIC Tenant Concrete Interface Identity	ApicDeviceTenantConcrete InterfaceIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH	APIC Tenant Concrete Interfaces Static Path	gen_text_input

Output	Description	Type
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY	APIC Tenant Concrete Interfaces Static Path Identity	ApicDeviceStaticPath Identity
DEVICE_CLUSTER_INTERFACE	APIC Tenant Device Cluster	gen_text_input
DEVICE_CLUSTER_INTERFACE_IDENTITY	APIC Tenant Device Cluster	ApicDeviceTenantDevice ClusterInterfaceIdentity
DEVICE_PACKAGE	APIC Tenant Device Package	gen_text_input
DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Package Identity	ApicDeviceTenantPackage Identity
DEVICE_CLUSTER_DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Cluster Device Package Identity	ApicDeviceClusterDevice PackageIdentity
DEVICE_CLUSTER_INTERFACE_TYPE	APIC Tenant Device Cluster	gen_text_input

Add Concrete Device to L4-L7 in APIC

Summary

Add Concrete Device to L4-L7 in APIC.

Description

This task adds a concrete device to L4-L7 on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster Name	Select a Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
Device Name	Enter a Device Cluster Concrete device name.	gen_text_input	Y
Device Context Label	Enter a Device Cluster Context Label.	gen_text_input	
VM Name	Enter a VM name.	gen_text_input	
vCenter Name	Enter a vCenter name.	gen_text_input	
IP Address	Enter IP Address for Management Interface in IPv4 format: x.x.x.x.	ipaddress	
Port	Enter a port number (X) or range (X-Y).	gen_text_input	
User Name	Enter a user name.	gen_text_input	
Password	Enter a password.	password	
Confirm Password	Enter the same password to confirm the password.	password	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity

Add Interface to Concrete Device in APIC

Summary

Add interface details like name, path, and logical interface to a concrete device.

Description

This task adds interface details like name, path, and logical interface to a concrete device that is part of a device cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Name	Provide Device Name	ApicDeviceTenantConcreteDeviceIdentity	Y
Concrete Interface	Provide Concrete Interface	gen_text_input	Y
Path	Provide Static Path	ApicDeviceStaticPathIdentity	
vNIC	Provide vNIC	gen_text_input	
Interface Name	Provide Interface Name	ApicDeviceTenantDeviceClusterInterfaceIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE	APIC Tenant Concrete Interface Identity	ApicDeviceTenantConcreteInterfaceIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH	APIC Tenant Concrete Interfaces Static Path	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY	APIC Tenant Concrete Interfaces Static Path Identity	ApicDeviceStaticPathIdentity

Add Interface to Concrete Device in APIC

Output	Description	Type
DEVICE_CLUSTER_INTERFACE	APIC Tenant Device Cluster	gen_text_input
DEVICE_CLUSTER_INTERFACE_IDENTITY	APIC Tenant Device Cluster	ApicDeviceTenantDeviceClusterInterfaceIdentity

Add Logical Interface to L4-L7 in APIC

Summary

Add Logical Interface to L4-L7 in APIC.

Description

This task adds a logical interface to an L4-L7 on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster Name	Provide Device Cluster Name	ApicDeviceClusterDevice PackageIdentity	Y
Interface Name	Provide Interface Name	gen_text_input	Y
Interface Type	Provide Interface Type	ApicDevicePackageInterface Identity	
Encapsulation	Provide Encapsulation	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_PACKAGE	APIC Tenant Device Package	gen_text_input
DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Package Identity	ApicDeviceTenantPackage Identity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDevice ClusterIdentity
DEVICE_CLUSTER_DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Cluster Device Package Identity	ApicDeviceClusterDevice PackageIdentity
DEVICE_CLUSTER_INTERFACE	APIC Tenant Device Cluster	gen_text_input
DEVICE_CLUSTER_INTERFACE_IDENTITY	APIC Tenant Device Cluster	ApicDeviceTenantDevice ClusterInterfaceIdentity
DEVICE_CLUSTER_INTERFACE_TYPE	APIC Tenant Device Cluster	gen_text_input

Add Subnet to Cluster Interface Context in APIC

Summary

Add Subnet to Cluster Interface Context in APIC.

Description

This task adds a subnet to the cluster interface context on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Context	Select a logical interface context.	ApicDeviceTenant LogicalInterface ContextIdentity	Y
IP Address	Enter a gateway IP address in this format: valid IP/prefix length. For example: 1.2.3.1/22.	gen_text_input	Y
Scope	Choose a scope. The default value is private to VRF.	APICSubnetToLogical InterfaceContextScope Identity	
Shared Between VRFs	Check to enable shared between VRFs. Defaults to unchecked.	Boolean	
Description	Enter a description for the logical interface context subnet.	gen_text_input	
Subnet Control (ND RA Prefix)	Check to enable subnet control of ND RA prefix. Defaults to checked.	Boolean	
Subnet Control (No Default SVI Gateway)	Check to enable subnet control of no default SVI gateway. Defaults to unchecked.	Boolean	
Subnet Control (Querier IP)	Check to enable subnet control of querier IP. Defaults to unchecked.	Boolean	
Preferred	Check to enable preferred. Defaults to unchecked.	Boolean	
Type Behind Subnet	Check this to enable AnyCast MAC. Defaults to unchecked.	Boolean	
MAC Address	Enter a MAC Address in the format of XX:XX:XX:XX:XX:XX , for Example : aa:11:bb:11:cc:11.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Output	Description	Type
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity
TENANT_SUBNET_OF_LOGICAL_INTERFACE_CONTEXT	Subnet of Logical Interface Context	gen_text_input
TENANT_SUBNET_OF_LOGICAL_INTERFACE_CONTEXT_IDENTITY	Subnet of Logical Interface Context Identity	APICSubnetOfLogicalInterfaceContextIdentity

Add Virtual IP Address to Logical Interface in APIC

Summary

Add Virtual IP Address to Logical Interface in APIC.

Description

This task adds a virtual IP Address to a logical interface on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Context	Select a logical interface context.	ApicDeviceTenantLogicalInterfaceContextIdentity	Y
IP Address	Enter IP Address in the format of IPv4 for Example : 2.2.2.2	ipaddress	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONNECTOR_NAME	Connector Name	gen_text_input
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity
OUTPUT_VIRTUAL_IP_ADDRESS_IDENTITY	Virtual IP Address Identity	VIRTUAL_IP_FOR_LOGICAL_INTERFACE_IDENTITY
OUTPUT_VIRTUAL_IP_ADDRESS_FOR_LOGICAL_INTERFACE	Virtual IP Address for Logical Interface	gen_text_input

Configure APIC Port Channel Members To L4 L7 Device

Summary

Configure port channel members to an L4-L7 device.

Description

This task configures port channel members to an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
Port Channel Member	Enter a Port Channel Member. The characters '/', '\ and ' ' (space) are not allowed in the folder name.	gen_text_input	Y
Interface	Enter an interface name.	gen_text_input	
Channel Group ID	Enter an integer value for a Channel Group ID between 1 and 100.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
OUTPUT_PORT_CHANNEL_MEMBERS_IDENTITY	APIC Tenant Port Channel Members Identity	ApicDeviceTenantDeviceClusterPortChannelMemberIdentity

Configure Failover For ASA in APIC

Summary

Configure failover for an ASA security device.

Description

This task configures failover for an ASA device on the APIC Controller. Input includes a device cluster device name.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Name	Select a device name.	ApicDeviceTenant ConcreteDevice Identity	Y
Failover Active IP	Enter a Failover Active IP. For example: 10.1.1.1.	gen_text_input	
Failover IP Interface Name	Enter a Failover IP Interface name.	gen_text_input	
Failover IP Netmask	Enter a Failover IP Netmask in the range 1 to 30.	gen_text_input	
Failover Standby IP	Enter a Failover Standby IP. For example: 10.1.1.1.	gen_text_input	
Failover LAN Interface Name	Enter a Failover LAN Interface name.	gen_text_input	
Failover Link Active IP	Enter a Failover Link Active IP. For example: 10.1.1.1.	gen_text_input	
Failover Link IP Interface Name	Enter a Failover Link IP Interface name.	gen_text_input	
Failover Link IP Netmask	Enter a Failover Link IP Netmask in the range 1 to 30.	gen_text_input	
Failover Link Standby IP	Enter a Failover Link Standby IP. For example: 10.1.1.1.	gen_text_input	
Failover Link Interface Name	Enter a Failover Link Interface name.	gen_text_input	
Management Standby IP	Enter Management Standby IP, For example: IPv4 Address 10.1.1.1.	gen_text_input	
LAN Unit	Enter LAN Unit. Use only alphanumeric characters. For example: Lan10.	gen_text_input	
Failover	Enter a Failover. Use only alphanumeric characters. For example: Failover1.	gen_text_input	
LACP Max Bundle PC ID	Enter LACP Max Bundle PC ID. Use only alphanumeric characters. For example: LACP10.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Port Channel Members	Provide one or more Port Channel Members.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER_NAME	APIC Tenant Device Cluster Name	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_NAME	APIC Tenant Device Cluster Concrete Device Name	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity

Create APIC Cluster Interface Context

Summary

Create APIC cluster interface context.

Description

This task creates a cluster interface context on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Device Context	Select a Logical Device Context	ApicDeviceTenantLogicalDeviceContextIdentity	Y
Connector Name	Provide a connector name or label for the logical interface context & it shouldn't exceed 64 characters. The default value is 'any'. Use alphanumeric characters only.	gen_text_input	Y
Logical Interface Name	Select Logical Interface Name	ApicDeviceTenantDeviceClusterInterfaceIdentity	Y
Bridge Domain Name	Select a Bridge Domain Name	ApicDeviceTenantBridgeDomainIdentity	
L3 Network	Select a L3 Network	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity	
L3 Destination(VIP)	Choose true to enable select L4-L7 Policy Based Redirect. By default, it is unspecified	APICCheckBoxTrueorFalse Type	
Custom QoS Policy	Select a Custom QoS Policy	ApicTenantCustomQoSPolicyIdentity	
Permit Logging	Check this to permit logging, By default, this field is unchecked	APICCheckBoxTrueorFalse Type	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_CONNECTOR_NAME	Connector Name	gen_text_input
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY	APIC Tenant Logical Device Context Identity	ApicDeviceTenantLogicalDeviceContextIdentity
DEVICE_CLUSTER_INTERFACE	APIC Tenant Device Cluster	gen_text_input
DEVICE_CLUSTER_INTERFACE_IDENTITY	APIC Tenant Device Cluster	ApicDeviceTenantDeviceClusterInterfaceIdentity
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
TENANT_BRIDGE_DOMAIN_IDENTITY	Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QOS Policy Identity	ApicTenantCustomQosPolicyIdentity
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Create APIC Logical Device Context

Summary

Create a logical device context.

Description

This task creates a logical device context for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster	ApicDeviceTenantDeviceClusterIdentity	Y
Contract Name	Select a Contract Name	ApicDeviceTenantContractIdentity	Y
Graph Name	Select Graph Name	ApicDeviceTenantServiceGraphIdentity	Y
Node Name	Choose a Node Name	ApicTenantL4L7ServiceGraphNodeIdentity	Y
Context Name	Enter the context name for Device Context, Name shouldn't exceed 64 characters	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY	APIC Tenant Logical Device Context Identity	ApicDeviceTenantLogicalDeviceContextIdentity

Create L4-L7 Devices in APIC

Summary

Create L4-L7 devices in APIC.

Description

This task creates L4-L7 devices in APIC on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Provide Tenant Name	ApicDeviceTenantIdentity	Y
Managed	Managed	Boolean	
Device Cluster Name	Provide Device Cluster Name	gen_text_input	Y
Device Package	Provide Device Package	ApicDeviceTenantPackage Identity	
Model	Choose Device Package Model	APIC_DEVICE_TENANT_PROFILE_MODEL_IDENTITY	
Promiscuous Mode	Check to enable Promiscuous Mode. Default value is unchecked.	gen_text_input	
Context Aware	Provide Device Context	gen_text_input	Y
Service Type	Provide Service Type	gen_text_input	
Device Type	Provide Device Type	ApicDeviceClusterType	Y
Domain	Provide Domain	ApicDomainProfileIdentity	Y
APIC to Device Management Connectivity	Select a Device Management Connectivity Type	APIC_DEVICE_MGMT_CONNECTIVITY_TYPE	
EPG	Provide EPG	ApicDeviceTenantEPGIdentity	
Virtual IP Address	Provide Virtual IP Address	ipaddress	
Port	Provide Port	gen_text_input	
User Name	Provide User Name	gen_text_input	
Password	Provide Password	password	
Confirm Password	Confirm Password	password	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Output	Description	Type
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
DEVICE_PACKAGE	APIC Tenant Device Package	gen_text_input
DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Package Identity	ApicDeviceTenantPackageIdentity
DEVICE_CLUSTER_DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Cluster Device Package Identity	ApicDeviceClusterDevicePackageIdentity
PHYSICAL_DOMAIN	APIC Tenant Physical Domain	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomainIdentity
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
VIRTUAL_IP_ADDRESS	APIC Tenant Device Cluster	gen_text_input
PORT	APIC Tenant Device Cluster	gen_text_input

Delete APIC Cluster Interface Context

Summary

Delete APIC cluster interface context.

Description

This task deletes a cluster interface context from the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Context	Select a Logical Interface Context to be removed.	ApicDeviceTenantLogicalInterfaceContextIdentity	Y
Do you want to delete the selected Logical Interface Context?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONNECTOR_NAME	Connector Name	gen_text_input
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity

Delete APIC Logical Device Context

Summary

Delete a logical device context.

Description

This task deletes a logical device context from a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Device Context	Select a logical device to be removed.	ApicDeviceTenantLogicalDeviceContextIdentity	Y
Do you want to delete the selected Logical Device Context?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY	APIC Tenant Logical Device Context Identity	ApicDeviceTenantLogicalDeviceContextIdentity

Delete Failover Configuration For ASA in APIC

Summary

Remove failover information from an ASA device.

Description

This task removes the failover informations from an ASA device, including failover config, port channel members, and LACP max bundle information.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Name	Select Device for ASA Failover Configuration.	ApicDeviceTenantConcreteDeviceParamsIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity

Delete Imported L4-L7 Device from APIC

Summary

Delete imported L4-L7 device from APIC.

Description

This task deletes an imported L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Imported Device Cluster	Select an Imported Device Cluster.	ApicDeviceTenantImportedDeviceClusterIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity

Delete L4-L7 Device in APIC

Summary

Delete L4-L7 device in APIC.

Description

This task deletes an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
Do you want to delete the selected Device Cluster?	Do you want to delete the selected Device Cluster?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity

Delete Port Channel Members From L4 L7 Device in APIC

Summary

Delete port channel members from an L4-L7 device.

Description

This task deletes port channel members from an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Port Channel Member	Select Port Channel Member from L4 L7 Device.	ApicDeviceTenantDeviceCluster PortChannelMemberIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
OUTPUT_PORT_CHANNEL_MEMBERS_IDENTITY	APIC Tenant Port Channel Members Identity	ApicDeviceTenantDeviceClusterPortChannelMemberIdentity

Export L4-L7 Device in APIC

Summary

Export L4-L7 device in APIC.

Description

This task exports an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
Tenant Name	Select an APIC Tenant.	ApicDeviceTenantIdentity	Y
Description	Enter a description of the Export Device Cluster. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity

Remove Cluster Interface from L4-L7 in APIC

Summary

Remove cluster interface from L4-L7 in APIC.

Description

This task deletes a cluster interface from an L4-L7 on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Logical Interface from an APIC Device Cluster.	ApicDeviceTenant DeviceClusterInterface Identity	Y
Do you want to delete the selected Device Cluster Logical Interface?	Do you want to delete the selected Device Cluster Logical Interface?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
DEVICE_CLUSTER_INTERFACE	APIC Tenant Device Cluster	gen_text_input
DEVICE_CLUSTER_INTERFACE_IDENTITY	APIC Tenant Device Cluster	ApicDeviceTenantDeviceClusterInterfaceIdentity

Remove Concrete Device from L4-L7 in APIC

Summary

Remove concrete device from L4-L7 in APIC.

Description

This task removes a concrete device from L4-L7 in APIC on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Name	Select a Cluster Concrete Device.	ApicDeviceTenant ConcreteDeviceIdentity	Y
Do you want to delete the selected Device Cluster Concrete Device?	Do you want to delete the selected Device Cluster Concrete Device?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity

Remove Interface from Concrete Device in APIC

Summary

Remove interface from concrete device in APIC.

Description

This task removes an interface from a concrete device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Concrete Interface	Select a Concrete Interface.	ApicDeviceTenant ConcreteInterfaceIdentity	Y
Do you want to delete selected Concrete Interface From Device?	Do you want to delete selected Concrete Interface From Device?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE_IDENTITY	APIC Tenant Concrete Device Identity	ApicDeviceTenantConcreteDeviceIdentity
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE	APIC Tenant Concrete Interface Identity	ApicDeviceTenantConcreteInterfaceIdentity

Remove Subnet from Cluster Interface Context in APIC

Summary

Remove subnet from cluster interface context in APIC.

Description

This task removes a subnet from a cluster interface context on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet	Select a Subnet to remove from APIC Logical Interface Context.	APICSubnetOfLogicalInterfaceContextIdentity	Y
Do you want to remove the selected Subnet from Logical Interface Context?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity
TENANT_SUBNET_OF_LOGICAL_INTERFACE_CONTEXT	Subnet of Logical Interface Context	gen_text_input
TENANT_SUBNET_OF_LOGICAL_INTERFACE_CONTEXT_IDENTITY	Subnet of Logical Interface Context Identity	APICSubnetOfLogicalInterfaceContextIdentity

Remove Virtual IP Address from Logical Interface in APIC

Summary

Remove Virtual IP Address from Logical Interface in APIC.

Description

This task removes a virtual IP Address from a logical interface on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual IP Address	Select a virtual IP address to be deleted.	VIRTUAL_IP_FOR_LOGICAL_INTERFACE_IDENTITY	Y
Do you want to delete the selected Virtual IP Address?	Do you want to delete the selected Virtual IP Address?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CONNECTOR_NAME	Connector Name	gen_text_input
TENANT_CONNECTOR_NAME_IDENTITY	Connector Name Identity	ApicDeviceTenantLogicalInterfaceContextIdentity
OUTPUT_VIRTUAL_IP_ADDRESS_IDENTITY	Virtual IP Address Identity	VIRTUAL_IP_FOR_LOGICAL_INTERFACE_IDENTITY
OUTPUT_VIRTUAL_IP_ADDRESS_FOR_LOGICAL_INTERFACE	Virtual IP Address for Logical Interface	gen_text_input



APIC - L4-L7 Services - Device Parameters Operations

This chapter contains the following sections:

- [Add NS Parameters To APIC Device Cluster, on page 476](#)
- [Configure NTP Parameters To L4 L7 Device in APIC, on page 477](#)
- [Configure SNMP Parameters To L4 L7 Device in APIC, on page 478](#)
- [Modify L4-L7 Parameter Value in APIC, on page 480](#)

Add NS Parameters To APIC Device Cluster

Summary

Add NS parameters to a device cluster.

Description

This task Adds an NS parameters to a device cluster on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
Features	Add, Update or Delete Features of a Device Cluster.		
Modes	Add, Update or Delete Modes of a Device Cluster.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity

Configure NTP Parameters To L4 L7 Device in APIC

Summary

Configure NTP parameters to an L4-L7 device.

Description

This task configures a NTP parameters to an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select Device Cluster.	ApicDeviceTenantDeviceClusterIdentity	Y
NTP Server	Enter one or more comma-separated NTP Server(s). For example: 2.2.2.2, 2.2.2.3.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
TENANT_NTP_SERVER_IP_IDENTITY	APIC Tenant NTP Server IP Identity	gen_text_input

Configure SNMP Parameters To L4 L7 Device in APIC

Summary

Configure an SNMP parameters to an L4-L7 device.

Description

This task Configures an SNMP Parameters To an L4-L7 device on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster	Select a Device Cluster.	ApicDeviceTenant DeviceCluster Identity	Y
Trap Class	Select the value as Specific or Generic for Trap Class. Default value is Specific.	gen_text_input	
Trap Destination	Enter Trap Destination. Provide comma-separated IP addresses (X.X.X.X, Y.Y.Y.Y) for multiple SNMPs.	ipaddress	
Community	Enter a Community name. The name can include 1 to 31 uppercase or lowercase letters, numbers, and these special characters: hyphen (-), period (.), pound (#), space (), at (@), equals (=), colon (:) and underscore (_).	gen_text_input	
Permissions	Select Permissions. Default Permissions value is Get.	gen_text_input	
Name	Enter a user name. The name can include 1 to 31 uppercase or lowercase letters, numbers, and these special characters: hyphen (-), period (.), pound (#), space (), at (@), equals (=), colon (:) and underscore (_).	gen_text_input	
Group	Enter L4 L7 Device Group name.	gen_text_input	
Authentication Type	Select Type of Authentication. Default Authentication type is MD5.	gen_text_input	
Authentication Password	Enter Authentication Password. The password can include 1 to 31 uppercase or lowercase letters, numbers, and these special characters: hyphen (-), period (.), pound (#), space (), at (@), equals (=), colon (:) and underscore (_).	password	
Privacy Type	Select Type of Privacy. Default Privacy value is AES.	gen_text_input	
Privacy Password	Enter Privacy Password. The password can include 1 to 31 uppercase or lowercase letters, numbers, and these special characters: hyphen (-), period (.), pound	password	

Input	Description	Mappable To Type	Mandatory
	(#), space (), at (@), equals (=), colon (:) and underscore (_).		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity

Modify L4-L7 Parameter Value in APIC

Summary

Modify an L4-L7 parameter value.

Description

this task modifies an L4-L7 parameter value.

Inputs

Input	Description	Mappable To Type	Mandatory
L4-L7 Elements	Select an Element of L4-L7 to edit the parameters.	ApicTenantL4L7ParameterIdentity	Y
L4-L7 Element Parameters	Select an Element L4-L7 parameter to edit values.	ApicTenantL4L7ParameterValuesIdentity	Y
L4-L7 Element Name	Enter L4-L7 Parameter name.	gen_text_input	
L4-L7 Element Value	Enter L4-L7 Parameter value.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity



APIC - L4-L7 Services - Function Node Operations

This chapter contains the following sections:

- [Add ACL Entry To APIC Function Node, on page 482](#)
- [Add APIC Function Node to L4-L7 Service Graph, on page 484](#)
- [Add Bridge Group Interface To APIC Function Node, on page 486](#)
- [Add Function Config Parameters To APIC Function Node, on page 487](#)
- [Add Interface To APIC Function Node, on page 488](#)
- [Add Load Balancer Parameters To APIC Function Node, on page 489](#)
- [Add Network Object Parameters To APIC Function Node, on page 491](#)
- [Delete ACE From ACL on APIC Function Node, on page 492](#)
- [Delete ACL Entry From APIC Function Node, on page 493](#)
- [Delete APIC Function Node from L4-L7 Service Graph, on page 494](#)
- [Delete Bridge Group Interface From APIC Function Node, on page 495](#)
- [Delete Function Config Parameters From APIC Function Node, on page 496](#)
- [Delete Interface From APIC Function Node, on page 497](#)
- [Delete Load Balancer Parameters From APIC Function Node, on page 498](#)
- [Delete Network Object Parameters From APIC Function Node, on page 499](#)
- [Update Connection to Node in APIC, on page 500](#)

Add ACL Entry To APIC Function Node

Summary

Add an ACL entry to a function node in UCSD.

Description

This task adds an access control list (ACL) entry to a function node. Input includes protocol information and source and destination port range on the APIC Controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicTenant L4L7ServiceGraph NodeIdentity	Y
ACL List Name	Enter an ACL List name.	gen_text_input	Y
ACL Entry Name	Enter an ACL Entry Name.	gen_text_input	Y
Protocol	Choose a protocol. Specify any one of: ip, tcp, udp, icmp. The default value is 'ip'.	gen_text_input	
Source Any	Check Source Any either true or false. The default value is true.	gen_text_input	
Source Address	Enter a Source Address. Enter an IP address (1.1.1.1), Ipv6 address range (1.1.1.1-1.1.2.2) or a network address/subnet mask (1.1.1.1/255.255.255.192).	gen_text_input	
Destination Any	Check Destination Any either true or false. The default value is true.	gen_text_input	
Destination Address	Enter a Destination Address. Enter an IP address (1.1.1.1), Ipv6 address range (1.1.1.1-1.1.2.2) or a network address/subnet mask (1.1.1.1/255.255.255.192).	gen_text_input	
Action	Choose an action. Specify either permit or deny. The default value is 'deny'.	gen_text_input	
Order	Enter an order.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input

Output	Description	Type
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_NODE_ACL_IDENTITY	APIC Tenant Service Graph Node ACL Identity	ApicTenantL4L7NodeAclIdentity
OUTPUT_TENANT_L4L7_NODE_ACCESS_CONTROL_ENTRY_IDENTITY	APIC Tenant Service Graph Node Access Control Entry Identity	ApicTenantL4L7NodeAccessEntryControlIdentity

Add APIC Function Node to L4-L7 Service Graph

Summary

Add a function node to an L4-L7 service graph in UCSD.

Description

This task adds a function node to an L4-L7 service graph. Input includes a tenant name, node name, and service graph name on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node Name	Enter a node name.	gen_text_input	Y
Use Existing Graph	Check Use Existing Graph either true or false. The default value is false.		
Service Graph Name	Select a service graph name.	ApicDeviceTenantServiceGraphIdentity	Y
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Service Graph Name	Enter a service graph name.	gen_text_input	Y
Service Graph Description	Enter a service graph description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Function Name	Select an function name.	ApicTenantServiceGraphFunctionNodeIdentity	Y
Add Params to EPG	Check Add Params to EPG either true or false. The default value is true.		
Function Type	Select an function type.	ApicServiceGraphNodeFunctionType	Y
Function Profile	Select an function profile.	ApicTenantFunctionProfileNodeIdentity	
apply policy	Check Apply Policy either true or false. The default value is false.		
Default Profile	Select a default profile.	ApicL4L7ServiceGraphFunctionProfileIdentity	
Policy	Select a policy.	ApicL4L7ServiceGraphAPICASAFunctionProfileIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_ONE_IDENTITY	Tenant Service Graph Node Connection One Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_TWO_IDENTITY	Tenant Service Graph Node Connection Two Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity

Add Bridge Group Interface To APIC Function Node

Summary

Add a bridge group interface to a function node.

Description

This task adds a bridge group interface with name and IP information to a function node.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicTenantL4L7Service GraphNodeIdentity	Y
Bridge Group ID	Enter Bridge Group ID within the range 1 to 100.	gen_text_input	Y
IPv4 Address Value	Enter the IPv4 address of the bridge group interface in the format : i.i.i.i/m.m.m.m. For example: 10.10.10.10/11.11.11.11	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_BRIDGE_GROUP_INTERFACE_IDENTITY	APIC Tenant Bridge Group Interface Identity	ApicTenantBridgeGroupInterfaceIdentity

Add Function Config Parameters To APIC Function Node

Summary

Add function config parameters to a function node.

Description

This task adds function configuration parameters to a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select Function Config Parameters To Function Node.	ApicTenantL4L7Service GraphNodeIdentity	Y
External Interface	Enter External Interface to parameters.	gen_text_input	Y
Internal Interface	Enter Internal Interface to parameters.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity
TENANT_FUNCTION_CONFIG_PARAMETER_IDENTITY	APIC Tenant Function Config Parameter Identity	gen_text_input

Add Interface To APIC Function Node

Summary

Add an interface to a function node.

Description

This task adds an interface to a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Node	Select Function Node to add Interface.	ApicTenantL4L7ServiceGraph NodeIdentity	Y
Interface Name	Enter an interface name.	gen_text_input	Y
IPv4 Address	Enter an IPv4 address value.	gen_text_input	
Security Level	Security Level Value	gen_text_input	Y
Bridge Group ID	Bridge Group ID	ApicTenantBridgeGroupInterface Identity	
Inbound ACL	Inbound ACL Value	ApicTenantL4L7NodeAcIIdentity	
Outbound ACL	Outbound ACL Value	ApicTenantL4L7NodeAcIIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_INTERFACE_IDENTITY	APIC Tenant Service Graph Node Interface Identity	gen_text_input

Add Load Balancer Parameters To APIC Function Node

Summary

Add load balancer parameters to a function node via APIC.

Description

This task adds load balancer parameters to a function node on the APIC Controller. It requires a function name, a service graph name and a node as inputs.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicTenantL4L7ServiceGraphNodeIdentity	Y
Use Existing Graph	Check Use Existing Node either true or false. The default value is true.		
Node Name	Enter a node name.	gen_text_input	Y
Use Existing Graph	Check Use Existing Graph either true or false. The default value is false.		
Service Graph Name	Select a service graph name.	ApicDeviceTenantServiceGraphIdentity	Y
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Service Graph Name	Enter a service graph name.	gen_text_input	Y
Service Graph Description	Enter a service graph description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Function Name	Select an function name.	ApicTenantServiceGraphFunctionNodeIdentity	Y
Policy	Select a policy.	ApicL4L7ServiceGraphFunctionProfileIdentity	
Policy	Select a policy.	ApicL4L7ServiceGraphASAFuctionProfileIdentity	
External IP	Enter an External IP in the format i.i.i.i. For example: 2.2.2.2.	gen_text_input	Y
External Netmask	Enter an External Netmask in the range 1 to 30.	gen_text_input	Y
Internal IP	Enter an Internal IP in the format of i.i.i.i. i. For example: 2.2.2.2.	gen_text_input	Y
Internal Netmask	Enter an Internal Netmask in the range 1 to 30.	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
IP Pool Option for Virtual IP	Choose an IP Pool Option for Virtual IP. Specify the value as either Select IP Pool from existing list or Provide IP Address. The default value is 'Select IP Pool from existing list'.	gen_text_input	Y
IP Pool	Select an IP Pool to get an unreserved IP for a virtual IP. Specify an IPv4 address. For example: 192.168.1.1/255.255.255.0.	gen_text_input	
IP Address	Enter an IP Pool to get an unreserved IP for a virtual IP. For example: IPv4 Address 10.1.1.1.	gen_text_input	
VIP Ntmask	Enter a VIP Netmask in the range 1 to 30.	gen_text_input	Y
Services	Enter Service IPs. Separate the IP addresses with commas. For example: 1.1.1.1, 1.2.3.4, 1.2.4.4.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input

Add Network Object Parameters To APIC Function Node

Summary

Add network object parameters to a function node.

Description

This task adds network object parameters to a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select Function Node to add Object Parameters.	ApicTenantL4L7Service GraphNodeIdentity	Y
Network Name	Enter a network Object Parameter name.	gen_text_input	Y
Network Object Type	Select a network Object Parameter Type.	gen_text_input	
FQDN	Enter Fully Qualified Domain names.	gen_text_input	
Host IP Address	Enter Host IP Address. Example: 0.0.0.255/255.255.255.0.	gen_text_input	
IP Address Range	Enter IP Address Range. Example: 0.0.0.0 to 255.255.255.255.	gen_text_input	
Network IP Address	Enter the network IP Address. For example, if the IP is 192.168.1.101 and the subnet mask is 255.255.255.0, then the network address is 192.168.1.0.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7Service GraphNodeIdentity
TENANT_NETWORK_OBJECT_PARAMETER_IDENTITY	APIC Tenant Network Object Parameter Identity	ApicTenantNetworkObject Identity

Delete ACE From ACL on APIC Function Node

Summary

Delete an ACE from an ACL on a function node via APIC.

Description

This task deletes an access control entry (ACE) From an access control list (ACL) on a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Access Control Entry Name	Select Access Control Entry name.	ApicTenantL4L7NodeAccessEntryControlIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_NODE_ACL_IDENTITY	APIC Tenant Service Graph Node ACL Identity	ApicTenantL4L7NodeAclIdentity
OUTPUT_TENANT_L4L7_NODE_ACCESS_CONTROL_ENTRY_IDENTITY	APIC Tenant Service Graph Node Access Control Entry Identity	ApicTenantL4L7NodeAccessEntryControlIdentity

Delete ACL Entry From APIC Function Node

Summary

Delete an ACL entry from a function node via APIC.

Description

This task deletes an ACL entry from a function node on the APIC Controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACL Name	Select an ACL List name.	ApicTenantL4L7NodeAclIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_TENANT_L4L7_NODE_ACL_IDENTITY	APIC Tenant Service Graph Node ACL Identity	ApicTenantL4L7NodeAclIdentity

Delete APIC Function Node from L4-L7 Service Graph

Summary

Delete a function node from an L4-L7 service graph.

Description

This task deletes a function node From an L4-L7 service graph on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select an APIC Function Node from L4-L7 service graph.	ApicTenantL4L7ServiceGraphNodeIdentity	Y
Do you want to delete the selected Function Node from Service graph?	Do you want to delete the selected Function Node from Service graph?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity

Delete Bridge Group Interface From APIC Function Node

Summary

Delete bridge group interface from a function node.

Description

This task deletes a bridge group interface from a function node.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Group Interface Name	Select Bridge Group Interface name.	ApicTenantBridgeGroup InterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_BRIDGE_GROUP_INTERFACE_IDENTITY	APIC Tenant Bridge Group Interface Identity	ApicTenantBridgeGroupInterfaceIdentity

Delete Function Config Parameters From APIC Function Node

Summary

Deletes function config parameters from a function node.

Description

This task deletes function config parameters from a function node. It requires an external interface and an internal interface as input.

Inputs

Input	Description	Mappable To Type	Mandatory
External Interface	Select External Interface from Function Node.	ApicTenantFunctionConfigExIntfIdentity	Y
Internal Interface	Select Internal Interface from Function Node.	ApicTenantFunctionConfigInIntfIdentity	Y
Do you want to delete the selected Network Object from Function Node?	Do you want to delete the selected Network Object from Function Node?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_FUNCTION_CONFIG_PARAMETER_IDENTITY	APIC Tenant Function Config Parameter Identity	gen_text_input

Delete Interface From APIC Function Node

Summary

Delete an interface from a function node.

Description

This task deletes n interface from a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Interface From an APIC Function Node.	ApicTenantL4L7NodeInterface Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_INTERFACE_IDENTITY	APIC Tenant Service Graph Node Interface Identity	gen_text_input

Delete Load Balancer Parameters From APIC Function Node

Summary

Delete load balancer parameters from a function node.

Description

This task deletes load balancer parameters from a function node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicTenantLBParameterizedNode Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_EPG	APIC Tenant EPG	gen_text_input
TENANT_CONTRACT	APIC Tenant Contract	gen_text_input

Delete Network Object Parameters From APIC Function Node

Summary

Delete network object parameters from a function node.

Description

This task deletes network object parameters from a function node. A network object is required as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Object Name	Select Network Object Parameters From an APIC Function Node.	ApicTenantNetworkObjectIdentity	Y
Do you want to delete the selected Network Object from Function Node?	Do you want to delete the selected Network Object from Function Node?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_NETWORK_OBJECT_PARAMETER_IDENTITY	APIC Tenant Network Object Parameter Identity	ApicTenantNetworkObjectIdentity

Update Connection to Node in APIC

Summary

Update a connection to a node.

Description

This task updates a connection to a node on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Connection	Select Connection of Node.	ApicDeviceTenantService GraphNodeConnection Identity	
Adjacency Type	Select L2 or L3 Adjacency Type. Default Adjacency Type is L2.	gen_text_input	
Unicast Route	Check to enable Unicast Route. Default Route value is checked.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_IDENTITY	APIC Tenant Connection to Node Identity	ApicDeviceTenantService GraphNodeConnectionIdentity



APIC - L4-L7 Services - Function Profile Operations

This chapter contains the following sections:

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- [Add APIC Bridge Group Interface To Function Profile, on page 504](#)
- [Add Function Config Parameters To APIC Function Profile, on page 505](#)
- [Add Interface To APIC Function Profile, on page 506](#)
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- [Delete Static Route From Interface On APIC Function Profile, on page 528](#)

Add ACL Entry To APIC Function Profile

Summary

Add an ACL entry to a function profile.

Description

This task adds a ACL entry to a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add an ACL Entry.	ApicTenantFunctionProfile Identity	
ACL List Name	Enter an ACL Entry List name.	gen_text_input	Y
ACL Entry Name	Enter an ACL Entry name. The name cannot contain an underscore (_).	gen_text_input	Y
Protocol	Select a protocol. Valid protocols are IP, TCP, UDP or ICMP. Default value is IP.	gen_text_input	
Type	Select Type of Network. Default Network Type is IP Address.	gen_text_input	
Source Network Object	Select a source network Object.	ApicTenantL4L7Function ProfileNetworkObject Identity	
Source Network Object Group	Select a source network Object Group.	ApicTenantL4L7Function ProfileNetworkObjectGroup Identity	
Destination Network Object	Select a Destination network Object.	ApicTenantL4L7Function ProfileNetworkObject Identity	
Destination Network Object Group	Select a destination network Object Group.	ApicTenantL4L7Function ProfileNetworkObjectGroup Identity	
Source Any	Check to enable Any Source. Default value is checked.	gen_text_input	
Source Address	Enter Source IP Address, IP Address Range or IP Address Subnet Mask.	gen_text_input	
Destination Any	Check to enable Any Destination. Default value is checked.	gen_text_input	
Destination Address	Enter Destination IP Address, IP Address Range or IP Address Subnet Mask.	gen_text_input	
Action	Select an action. Specify either permit or deny. The default value is 'deny'.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Order	Enter Order of Entry.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_ACL_IDENTITY	Tenant Function Profile ACL Identity	ApicTenantL4L7FunctionProfileAclIdentity

Add APIC Bridge Group Interface To Function Profile

Summary

Add bridge group interface to a function profile.

Description

This task adds a bridge group interface to a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add Bridge Group Interface.	ApicTenantFunctionProfileIdentity	Y
Bridge Group ID	Enter Bridge Group ID. Value is an integer between 1 and 100.	gen_text_input	Y
IPv4 Address Value	Enter IPv4 Address Value. For example: 10.10.10.10/11.11.11.11.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_BRIDGE_GROUP_INTERFACE_IDENTITY	Tenant Function Profile Bridge Group Interface Identity	ApicTenantL4L7FunctionProfileBridgeGroupInterfaceIdentity

Add Function Config Parameters To APIC Function Profile

Summary

Add function config parameters to a function profile.

Description

This task adds function configuration parameters to a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add Function Config Parameters.	ApicTenantFunctionProfile Identity	Y
External Interface	Select External Interface to configure with Function profile.	ApicTenantL4L7FunctionProfile InterfaceIdentity	Y
Internal Interface	Select Internal Interface to configure with Function profile.	ApicTenantL4L7FunctionProfile InterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfile GroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfile Identity
FUNCTION_PROFILE_EXTERNAL_INTERFACE_IDENTITY	Tenant Function Profile External Interface Identity	ApicTenantL4L7Function ProfileInterfaceIdentity
FUNCTION_PROFILE_INTERNAL_INTERFACE_IDENTITY	Tenant Function Profile Internal Interface Identity	ApicTenantL4L7Function ProfileInterfaceIdentity

Add Interface To APIC Function Profile

Summary

Add an interface to a function profile.

Description

This task adds an interface to a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add Interface.	ApicTenantFunctionProfile Identity	Y
Interface Name	Enter an interface name.	gen_text_input	Y
Type	Select Interface Type: External, Internal, or none.	gen_text_input	
IPv4 Address	IPv4 Address Value	gen_text_input	
Security Level	Security Level Value	gen_text_input	
Bridge Group ID	Select Bridge Group ID.	ApicTenantL4L7FunctionProfile BridgeGroupInterfaceIdentity	
Inbound ACL	Select Inbound ACL.	ApicTenantL4L7FunctionProfile AclIdentity	
Outbound ACL	Select Outbound ACL.	ApicTenantL4L7FunctionProfile AclIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfile GroupIdentity
FUNCTION_PROFILE_INTERFACE_IDENTITY	Tenant Function Profile Interface Identity	ApicTenantL4L7Function ProfileInterfaceIdentity
FUNCTION_PROFILE_BRIDGE_GROUP_INTERFACE_IDENTITY	Tenant Function Profile Bridge Group Interface Identity	ApicTenantL4L7Function ProfileBridgeGroupInterface Identity

Add Network Object Group Parameters To APIC Function Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function Profile name to add Network Object Group Parameters.	ApicTenantFunctionProfileIdentity	Y
Network Object Group Name	Enter a Network Object Group name.	gen_text_input	Y
Description	Enter a description for the Network Object Group. Up to 128 characters are allowed.	gen_text_input	
Network Object Group Type	Select a Network Object Group Type. Default type is Host IP Address.	gen_text_input	
Host IP Address	Enter Host IP Address as IPv4 (for example, 10.10.10.10) or IPv6 (X:X:X:X::X).	gen_text_input	
Network Address	Enter a network address as IPv4/netMask (for example, 10.10.10.0/255.255.255.0) or IPv6/prefix (X:X:X:X::X/(0-128))	gen_text_input	
Network Object Name	Enter a network Object name.	ApicTenantL4L7FunctionProfileNetworkObjectIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NETWORK_OBJECT_GROUP_IDENTITY	Tenant Function Profile Network Object Group Identity	ApicTenantL4L7FunctionProfileNetworkObjectGroupIdentity

Add Network Object Parameters To APIC Function Profile

Summary

Add network object parameters to a function profile.

Description

This task adds a network object parameters to a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add Network Object Parameters.	ApicTenantFunctionProfileIdentity	Y
Network Object Name	Enter a network object Parameter name.	gen_text_input	Y
Network Object Type	Select a network Object Type. Default Type is FQDN.	gen_text_input	
FQDN	Enter Fully Qualified Domain Name.	gen_text_input	
Host IP Address	Enter Host IP Address.	gen_text_input	
IP Address Range	Enter IP Address Range. For example: 0.0.0.10-10.10.10.20.	gen_text_input	
Network IP Address	Enter a network IP Address.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NETWORK_OBJECT_IDENTITY	Tenant Function Profile Network Object Identity	ApicTenantL4L7FunctionProfileNetworkObjectIdentity

Add Service Object Parameters To APIC Function Profile

Summary

This task adds Service Object Parameters To APIC Function Profile

Description

This task allows user to add Service Object Parameters to APIC Function Profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add Service Object Parameters.	ApicTenantFunctionProfileIdentity	Y
Service Object Name	Enter Service Object Parameters name.	gen_text_input	Y
Description	Enter a description for Service Object Parameters. Up to 128 characters are allowed.	gen_text_input	
Protocol Type	Enter a protocol type.	gen_text_input	
Service Object Type	Select Service Object Type as ICMP, ICMP6, TCP or UDP. Default type is ICMP.	gen_text_input	
ICMP Code	Enter Internet Control Message Protocol (ICMP) Code.	gen_text_input	
ICMP Type	Enter Internet Control Message Protocol (ICMP) Type.	gen_text_input	
ICMP6 Code	Enter Internet Control Message Protocol (ICMP6) Code.	gen_text_input	
ICMP6 Type	Enter Internet Control Message Protocol (ICMP6) Type.	gen_text_input	
TCP Destination High Port	Enter TCP Destination High Port range between 0 and 65535.	gen_text_input	
TCP Destination Low Port	Enter TCP Destination Low Port range between 0 and 65535.	gen_text_input	
TCP Destination Operator	Enter TCP Destination Operator.	gen_text_input	
TCP Source High Port	Enter TCP Source High Port range between 0 and 65535.	gen_text_input	
TCP Source Low Port	Enter TCP Source Low Port range between 0 and 65535.	gen_text_input	
TCP Source Operator	Enter TCP Source Operator.	gen_text_input	
UDP Destination High Port	Enter UDP Destination High Port range between 0 and 65535.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
UDP Destination Low Port	Enter UDP Destination Low Port range between 0 and 65535.	gen_text_input	
UDP Destination Operator	Enter UDP Destination Operator.	gen_text_input	
UDP Source High Port	Enter UDP Source High Port range between 0 and 65535.	gen_text_input	
UDP Source Low Port	Enter UDP Source Low Port range between 0 and 65535.	gen_text_input	
UDP Source Operator	Enter UDP Source Operator.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_SERVICE_OBJECT_IDENTITY	Tenant Function Profile Service Object Identity	ApicTenantL4L7FunctionProfileServiceObjectIdentity

Add Static Route To Interface On APIC Function Profile

Summary

Add a static route to an interface on an APIC function profile.

Description

This task adds a static route to an interface on an APIC function profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Interface On an APIC Function profile to add Static Route.	ApicTenantL4L7FunctionProfileInterfaceIdentity	Y
Type	Select an IP Type as IPv4 or IPv6. Default Type is IPv4.	gen_text_input	
Gateway Address	Enter gateway address as an IPv4 address.	gen_text_input	Y
Network Mask	Enter a network Mask. Valid range is 1 to 32.	gen_text_input	Y
Network	Enter a network IP Address. For example: If IP is 192.168.1.101 and subnet mask is 255.255.255.0, then the network address is 192.168.1.0.	gen_text_input	Y
Metric	Enter the metric value as an integer.	gen_text_input	
Hop Count	Enter the hop count value as an integer.	gen_text_input	
Prefix	Enter the prefix to be appended to the IP route name.	gen_text_input	Y
Tunnelled	Enter tunneled value to configure Folder value.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity

Output	Description	Type
FUNCTION_PROFILE_INTERFACE_IDENTITY	Tenant Function Profile Interface Identity	ApicTenantL4L7FunctionProfileInterfaceIdentity
FUNCTION_PROFILE_STATIC_ROUTE_IDENTITY	Tenant Function Profile Static Route Identity	ApicTenantL4L7FunctionProfileStaticRouteIdentity

Copy APIC Function Profile

Summary

Copy a function profile.

Description

This task copies a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Group Name	Select Function Profile Group.	ApicTenantFunctionProfile GroupIdentity	Y
Function Profile Name	Enter Function Profile name.	gen_text_input	Y
Function Profile Name	Select an APIC Function profile.	ApicTenantFunctionProfile Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfile GroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfile Identity

Create APIC Function Profile

Summary

Create a function profile.

Description

This task creates a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Group Name	Select Function Profile Group.	ApicTenantFunctionProfile GroupIdentity	Y
Function Profile Name	Enter Function Profile name.	gen_text_input	Y
Description	Enter additional description to Function profile. Up to 128 characters are allowed.	gen_text_input	
Function Name	Select Function of Function profile.	ApicTenantServiceGraph FunctionNodeIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfile GroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfile Identity

Create L4-L7 Service Function Profile Group to APIC

Summary

Create L4-L7 service function profile group to APIC.

Description

This task creates an L4-L7 service function profile group on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select Tenant to add Function Profile Group.	ApicDeviceTenantIdentity	Y
Function Profile Group Name	Enter Function Profile Group name.	gen_text_input	
Description	Enter a description of the Function Profile Group. Up to 128 characters are allowed.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity

Create NAT Rule

Summary

This task creates NAT Rule parameters on APIC Function Profile

Description

This task allows user to create NAT rule parameters to Function Profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select Function profile to add NAT Rule.	ApicTenantFunctionProfileIdentity	Y
Name	Enter NAT rule name.	gen_text_input	Y
Source Real Object	Select Source Real Object.	ApicTenantL4L7FunctionProfileNetworkObjectIdentity	
Source Mapped Object	Select Source Mapped Object.	ApicTenantL4L7FunctionProfileNetworkObjectIdentity	
Type	Select NAT Rule Type.	ApicCreateNATRuleTypeIdentity	
Destination Real Object	Select Destination Real Object.	ApicTenantL4L7FunctionProfileNetworkObjectIdentity	
Destination Mapped Object	Select Destination Mapped Object.	ApicTenantL4L7FunctionProfileNetworkObjectIdentity	
Service Real Object	Select Service Real Object.	ApicTenantL4L7FunctionProfileServiceObjectIdentity	
Service Mapped Object	Select Service Mapped Object.	ApicTenantL4L7FunctionProfileServiceObjectIdentity	
DNS	Enter DNS for NAT Rule.	gen_text_input	
Order	Enter Order of NAT Rule.	gen_text_input	
Uni-Direction	Enter Uni-Direction for NAT Rule.	gen_text_input	
Source Interface	Select Function Profile Source Interface.	ApicTenantL4L7FunctionProfileInterfaceIdentity	Y
Destination Interface	Select Function Profile Destination Interface.	ApicTenantL4L7FunctionProfileInterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NAT_RULES_IDENTITY	Tenant Function Profile NAT Rule Identity	ApicTenantL4L7FunctionProfileNATRuleIdentity

Delete ACL Entry From APIC Function Profile

Summary

Delete an ACL entry from a function profile.

Description

This task deletes an ACL entry from a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ACL Name	Select an ACL Entry From an APIC Function profile.	ApicTenantL4L7FunctionProfile AcIIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_ACL_IDENTITY	Tenant Function Profile ACL Identity	ApicTenantL4L7FunctionProfileAcIIdentity

Delete APIC Function Profile

Summary

Delete a function profile.

Description

This task deletes a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Name	Select an APIC Function profile.	ApicTenantFunctionProfileIdentity	
Do you want to delete the selected Function Profile?	Do you want to delete the selected Function Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity

Delete Bridge Group Interface From APIC Function Profile

Summary

Delete a bridge group interface from a function profile.

Description

This task deletes a bridge group interface from a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Bridge Group Interface Name	Select Bridge Group Interface From an APIC Function profile.	ApicTenantL4L7FunctionProfile BridgeGroupInterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_BRIDGE_GROUP_INTERFACE_IDENTITY	Tenant Function Profile Bridge Group Interface Identity	ApicTenantL4L7FunctionProfileBridgeGroupInterfaceIdentity

Delete Function Config Parameters From APIC Function Profile

Summary

Delete function config parameters from a function profile.

Description

This task deletes function configuration parameters From a function profile. It requires an external interface and an internal interface as inputs.

Inputs

Input	Description	Mappable To Type	Mandatory
External Interface	Select External Interface from Parameter.	ApicTenantL4L7FunctionProfileFunctionConfigExIntfIdentity	Y
Internal Interface	Select Internal Interface from Parameter.	ApicTenantL4L7FunctionProfileFunctionConfigInIntfIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity

Delete Interface From APIC Function Profile

Summary

Delete an interface from a function profile.

Description

This task deletes an interface from a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Select Interface From an APIC Function profile.	ApicTenantL4L7FunctionProfile InterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_INTERFACE_IDENTITY	Tenant Function Profile Interface Identity	ApicTenantL4L7FunctionProfileInterfaceIdentity
FUNCTION_PROFILE_BRIDGE_GROUP_INTERFACE_IDENTITY	Tenant Function Profile Bridge Group Interface Identity	ApicTenantL4L7FunctionProfileBridgeGroupInterfaceIdentity

Delete L4-L7 Service Function Profile Group from APIC

Summary

Delete L4-L7 service function profile group from APIC.

Description

This task deletes an L4-L7 service function profile group from the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Function Profile Group Name	Select an APIC Function Profile Group.	ApicTenantFunctionProfileGroupIdentity	
Do you want to delete the selected Function Profile Group?	Do you want to delete the selected Function Profile Group?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity

Delete NAT Rule

Summary

This task deletes NAT Rule parameters on APIC Function Profile

Description

This task allows user to delete NAT rule parameters from Function Profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
NAT Rule Name	Select NAT Rule of Function profile.	ApicTenantL4L7FunctionProfileNATRuleIdentity	Y
Do you want to delete the selected NAT Rule?	Do you want to delete the selected NAT Rule?		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NAT_RULES_IDENTITY	Tenant Function Profile NAT Rule Identity	ApicTenantL4L7FunctionProfileNATRuleIdentity

Delete Network Object Group Parameters From APIC Function Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Network Object Group	Select a Network Object Group Parameters From Function profile.	ApicTenantL4L7FunctionProfileNetworkObjectGroupIdentity	Y
Do you want to delete the selected Parameter from Function Profile?	Do you want to delete the selected Parameter from Function Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NETWORK_OBJECT_GROUP_IDENTITY	Tenant Function Profile Network Object Group Identity	ApicTenantL4L7FunctionProfileNetworkObjectGroupIdentity

Delete Network Object Parameters From APIC Function Profile

Summary

Delete network object parameters from a function profile.

Description

This task deletes network object parameters from a function profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Object Name	Select a Network Object Parameters From an APIC Function profile.	ApicTenant L4L7FunctionProfile NetworkObjectIdentity	Y
Do you want to delete the selected Parameter from Function Profile?	Do you want to delete the selected Parameter from Function Profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_NETWORK_OBJECT_IDENTITY	Tenant Function Profile Network Object Identity	ApicTenantL4L7FunctionProfileNetworkObjectIdentity

Delete Service Object Parameters From APIC Function Profile

Summary

This task deletes Service Object Parameters From APIC Function Profile

Description

This task allows user to delete Service Object Parameters from APIC Function Profile on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Object Name	Select Service Object Parameters From an APIC Function profile.	ApicTenantL4L7FunctionProfileServiceObjectId	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_SERVICE_OBJECT_IDENTITY	Tenant Function Profile Service Object Identity	ApicTenantL4L7FunctionProfileServiceObjectId

Delete Static Route From Interface On APIC Function Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Static Route	Select Static Route From Interface On an APIC Function profile.	ApicTenantL4L7FunctionProfile StaticRouteIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
FUNCTION_PROFILE_GROUP	Tenant Function Profile Group	gen_text_input
FUNCTION_PROFILE_GROUP_IDENTITY	Tenant Function Profile Group Identity	ApicTenantFunctionProfileGroupIdentity
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity
FUNCTION_PROFILE_INTERFACE_IDENTITY	Tenant Function Profile Interface Identity	ApicTenantL4L7FunctionProfileInterfaceIdentity
FUNCTION_PROFILE_STATIC_ROUTE_IDENTITY	Tenant Function Profile Static Route Identity	ApicTenantL4L7FunctionProfileStaticRouteIdentity



APIC - L4-L7 Services - Router Configuration Operations

This chapter contains the following sections:

- [Create Router Configuration, on page 530](#)
- [Delete Router Configuration, on page 531](#)

Create Router Configuration

Summary

Create a router configuration.

Description

Creates a router configuration on an APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Router Configuration Name	Enter Router Configuration name.	gen_text_input	Y
Router ID	Enter Router ID. The router ID can be an IPv4 Address (for example, 10.1.1.1), IPv4 Address/Mask (10.1.1.1/24), IPv6 address (2001:db8:0:0:0:2:1) or IPv6 address/Mask (2001:db8:0:0:0:2:1/32).	gen_text_input	
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ROUTER_CONFIGURATION_NAME	Apic Tenant Router Configuration Name	gen_text_input
DEVICE_TENANT_ROUTER_CONFIGURATION_IDENTITY	Apic Tenant Router Configuration Identity	ApicTenantRouter ConfigurationIdentity

Delete Router Configuration

Summary

Delete a router configuration.

Description

Delete a router configuration from an APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Router Configuration	Select Router Configuration name.	ApicTenantRouter ConfigurationIdentity	Y
Do you want to delete the selected Tenant OSPF Timers?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ROUTER_CONFIGURATION_NAME	Apic Tenant Router Configuration Name	gen_text_input
DEVICE_TENANT_ROUTER_CONFIGURATION_IDENTITY	Apic Tenant Router Configuration Identity	ApicTenantRouter ConfigurationIdentity



APIC - L4-L7 Services - Service Graph Template Operations

This chapter contains the following sections:

- [Add Filter To APIC ServiceGraph Node, on page 534](#)
- [Apply L4 L7 Service Graph Template, on page 535](#)
- [Create L4 L7 Service Graph Template in APIC, on page 538](#)
- [Create L4-L7 Service Graph in APIC, on page 540](#)
- [Delete APIC L4-L7 Service Graph, on page 542](#)
- [Delete Filter From APIC ServiceGraph Node, on page 543](#)
- [Modify L4-L7 Service Graph in APIC, on page 544](#)
- [Remove Related Objects of Graph Template, on page 545](#)

Add Filter To APIC ServiceGraph Node

Summary

Add a filter to a service graph node.

Description

This task adds a filter to a service graph node's connector.

Inputs

Input	Description	Mappable To Type	Mandatory
Node	Select a node.	ApicTenantL4L7ServiceGraphNode Identity	Y
Connector Mode	Choose Connector Mode.	ApicServiceGraphNodeConnector Mode	Y
Filter Name	Select a filter name.	ApicDeviceTenantFilterIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilter Identity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity

Apply L4 L7 Service Graph Template

Summary

Apply an L4-L7 service graph.

Description

This task deletes the apply L4-L7 service graph on APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Template Name	Provide Service Template Name	ApicDeviceTenantServiceGraphIdentity	Y
Consumer EPG/ External Network	Consumer EPG/ External Network	ApicEPGOrExternalNetworkType	
Consumer EPG	Provide Consumer EPG	ApicDeviceTenantEPGIdentity	Y
Provider EPG/ External Network	Provider EPG/ External Network	ApicEPGOrExternalNetworkType	
Provider EPG	Provide Provider EPG Name	ApicDeviceTenantEPGIdentity	Y
Create a New Contract/ Choose an Existing Contract Subject	Create a New Contract/ Choose an Existing Contract Subject	ApicContractOrContractSubjectType	
Contract Name	Provide Contract Name	gen_text_input	Y
No Filters (Allow All Traffic)	No Filters (Allow All Traffic)	gen_text_input	
Policy-Based Routing	Policy-Based Routing information on Node One		
Device Cluster	Provide Device Cluster Name	ApicDeviceTenantDeviceClusterIdentity	Y
Function Profile Name	Provide Function Profile Name	ApicTenantFunctionProfileIdentity	
Consumer Connector Type	Consumer Connector Type	ApicConnectorType	
Consumer Bridge Domain	Consumer Bridge Domain	ApicDeviceTenantBridgeDomainIdentity	Y
Consumer Cluster Interface	Provide Consumer Interface Name	ApicDeviceTenantDeviceClusterInterfaceIdentity	Y
Consumer L3 Destination(VIP)	Choose true to enable L3 Destination for Node One Consumer, By default it is unspecified	APICCheckBoxTrueorFalseType	
Provider Connector Type	Provider Connector Type	ApicConnectorType	

Input	Description	Mappable To Type	Mandatory
Provider Cluster Interface	Provide Provider Interface Name	ApicDeviceTenantDeviceClusterInterfaceIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
NODE_ONE_FUNCTION_PROFILE_IDENTITY	Tenant Node One Function Profile Identity	ApicTenantFunctionProfileIdentity
NODE_TWO_FUNCTION_PROFILE_IDENTITY	Tenant Node Two Function Profile Identity	ApicTenantFunctionProfileIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY	APIC Tenant Service Graph Node One Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
OUTPUT_NODE_ONE_CONSUMER_PBR_IDENTITY	APIC TENANT Node One Consumer PBR Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
OUTPUT_NODE_ONE_PROVIDER_PBR_IDENTITY	APIC TENANT Node One Provider PBR Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
OUTPUT_NODE_TWO_CONSUMER_PBR_IDENTITY	APIC TENANT Node Two Consumer PBR Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Output	Description	Type
OUTPUT_NODE_TWO_PROVIDER_PBR_IDENTITY	APIC TENANT Node Two Provider PBR Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Create L4 L7 Service Graph Template in APIC

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select a tenant name.	ApicDeviceTenant Identity	Y
Service Graph Name	Enter a service graph name.	gen_text_input	Y
Service Graph Description	Enter a service graph description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Choose from the listed types. Specify any one of: Single Node - Firewall in Transparent Mode; Single Node - Firewall in Routed Mode; Single Node - ADC in One-Arm Mode; Single Node - ADC in Two-Arm Mode; Two Node - Firewall in Transparent and ADC in One-Arm Mode; Two Node - Firewall in Routed and ADC in One-Arm Mode; Two Node - Firewall in Transparent and ADC in Two-Arm Mode; Two Node - Firewall in Routed and ADC in Two-Arm Mode. The default value is 'Single Node - Firewall in Transparent Mode'.	gen_text_input	
Managed	Check Managed either true or false. The default value is true.	Boolean	
Node One Function Profile	Select Node One Function profile.	ApicTenantFunction ProfileIdentity	
Route Redirect	Check this option to Route Redirect. The default value is true.	APICCheckBox TrueorFalseType	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity

Output	Description	Type
NODE_ONE_FUNCTION_PROFILE_IDENTITY	Tenant Node One Function Profile Identity	ApicTenantFunctionProfileIdentity
NODE_TWO_FUNCTION_PROFILE_IDENTITY	Tenant Node Two Function Profile Identity	ApicTenantFunctionProfileIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY	APIC Tenant Service Graph Node One Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraphNodeIdentity

Create L4-L7 Service Graph in APIC

Summary

Create an L4-L7 service graph.

Description

This task Creates an L4-L7 service graph for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Service Graph Name	Enter a service graph name.	gen_text_input	Y
Service Graph Description	Enter a service graph description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Nodes	Provide one or more nodes.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY	APIC Tenant Service Graph Node One Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_SERVICE_GRAPH_NODE_THREE_IDENTITY	APIC Tenant Service Graph Node Three Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_SERVICE_GRAPH_NODE_FOUR_IDENTITY	APIC Tenant Service Graph Node Four Identity	ApicTenantL4L7ServiceGraph NodeIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_ONE_IDENTITY	Tenant Service Graph Node Connection One Identity	ApicDeviceTenantService GraphNodeConnectionIdentity

Output	Description	Type
TENANT_SERVICE_GRAPH_NODE_CONNECTION_TWO_IDENTITY	Tenant Service Graph Node Connection Two Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_THREE_IDENTITY	Tenant Service Graph Node Connection Three Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_FOUR_IDENTITY	Tenant Service Graph Node Connection Four Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity
TENANT_SERVICE_GRAPH_NODE_CONNECTION_FIVE_IDENTITY	Tenant Service Graph Node Connection Five Identity	ApicDeviceTenantServiceGraphNodeConnectionIdentity

Delete APIC L4-L7 Service Graph

Summary

Delete an L4-L7 service graph.

Description

This task deletes an L4-L7 service graph for a tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Name	Select a service graph name.	ApicDeviceTenantService GraphIdentity	Y
Do you want to delete selected L4-L7 Service Graph?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantService GraphIdentity

Delete Filter From APIC ServiceGraph Node

Summary

Delete filter information from a service graph node.

Description

This task deletes filter information from a service graph node.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter	Select a filter name.	ApicDeviceTenantFilterToServiceGraphNodeIdentity	Y
Do you want to delete the selected Filter To Service Graph Node?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_FILTER	Tenant's Filter	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilterIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity

Modify L4-L7 Service Graph in APIC

Summary

Modify a service graph.

Description

This task adds and deletes configured nodes from an existing service graph.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Name	Select a service graph name.	ApicDeviceTenantServiceGraphIdentity	Y
Service Graph Description	Enter a service graph description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Nodes	Provide one or more nodes.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY	APIC Tenant Service Graph Node One Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY	APIC Tenant Service Graph Node Two Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_THREE_IDENTITY	APIC Tenant Service Graph Node Three Identity	ApicTenantL4L7ServiceGraphNodeIdentity
TENANT_SERVICE_GRAPH_NODE_FOUR_IDENTITY	APIC Tenant Service Graph Node Four Identity	ApicTenantL4L7ServiceGraphNodeIdentity

Remove Related Objects of Graph Template

Summary

This task removes related objects of Service Graph Template configured on the APIC Controller

Description

This task allows user to remove related objects of Service Graph Template, such as the contracts associated to EPG, the EPG Parameters and Device Selection Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Graph Template Name	Select a service graph Template name.	ApicDeviceTenant ServiceGraphIdentity	Y
Contract	Select a contract.	ApicDeviceTenant ContractIdentity	Y
Provider EPG/External Network	Choose Provider EPG/External Network. Specify the value as either EPG or External Network. The default value is 'EPG'.	gen_text_input	Y
Provider EPG	Select Provider EPG.	ApicDeviceTenant EPGIdentity	Y
Remove Related Contract	Check this option to choose the Related Contract. The default value is false.	Boolean	
Remove Related EPG Parameters	Check this option to choose the Related EPG Parameters. The default value is false.	Boolean	
Remove Related Device Selection Policies	Check this option to choose the Related Device Selection Policies. The default value is false.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_SERVICE_GRAPH_IDENTITY	APIC Tenant Bidirectional Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_EXTERNAL_NETWORK_IDENTITY	External Network Identity	ApicDeviceExternalNetworkIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_NAME	External Routed Network Name	gen_text_input

Remove Related Objects of Graph Template

Output	Description	Type
TENANT_EXTERNAL_ NETWORK_NAME	External Network Name	gen_text_input



APIC - Physical and External Domain Operations

This chapter contains the following sections:

- [Create APIC Physical Domain, on page 548](#)
- [Create Layer 2 Domain in APIC External Bridged Domain, on page 549](#)
- [Create Layer 3 Domain in APIC External Routed Domain, on page 550](#)
- [Delete APIC Physical Domain, on page 551](#)
- [Delete Layer 2 Domain in APIC External Bridged Domain, on page 552](#)
- [Delete Layer 3 Domain in APIC External Routed Domain, on page 553](#)
- [Update Physical Domain, on page 554](#)

Create APIC Physical Domain

Summary

Create a physical domain.

Description

This task creates a physical domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Physical Domain Name	Enter the physical domain name.	gen_text_input	Y
Associated Attachable Entity Profile	Select Associated Attachable Entity profile.	ApicAssociatedAttachable EntityProfileIdentity	
VLAN Pool	Select VLAN Pool.	ApicVlanPoolIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
PHYSICAL_DOMAIN	APIC Tenant Physical Domain	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomainIdentity
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC Tenant Physical Domain Profile Identity	ApicDomainProfileIdentity
VMNETWORKING_PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC Device VM Networking Physical Domain Profile Identity	ApicVMNetworkingDomain ProfileIdentity
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachable EntityProfileIdentity

Create Layer 2 Domain in APIC External Bridged Domain

Summary

Create layer 2 domain in APIC external bridged domain.

Description

This task creates a layer 2 domain in an external bridged domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select an Account name.	ApicDeviceIdentity	Y
L2 Domain	Enter the L2 domain name.	gen_text_input	Y
Associated Attachable Entity Profile	Select an Associated Attachable Entity profile.	ApicAssociatedAttachableEntityProfileIdentity	
VLAN Pool	Select a VLAN Pool.	ApicVlanPoolIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
L2_DOMAIN	L2 Domain	gen_text_input
L2_DOMAIN_IDENTITY	L2 Domain Identity	ApicDeviceTenantExternalBridgeDomainIdentity
L2_DOMAIN_PROFILE_IDENTITY	L2 Domain Profile Identity	ApicDomainProfileIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity

Create Layer 3 Domain in APIC External Routed Domain

Summary

Create layer 3 domain in APIC external routed domain with an associated entity profile and VLAN pool information.

Description

This task creates a layer 3 domain in an APIC external routed domain with an associated entity profile and VLAN pool information.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select an Account name.	ApicDeviceIdentity	Y
L3 Domain	Enter the L3 domain name.	gen_text_input	Y
Associated Attachable Entity Profile	Select Associated Attachable Entity profile.	ApicAssociatedAttachableEntityProfileIdentity	
VLAN Pool	Select VLAN Pool.	ApicVlanPoolIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
L3_DOMAIN	L3 Domain	gen_text_input
L3_DOMAIN_IDENTITY	L3 Domain Identity	ApicDeviceTenantRoutedDomainIdentity
L3_DOMAIN_PROFILE_IDENTITY	L3 Domain Profile Identity	ApicDomainProfileIdentity
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity

Delete APIC Physical Domain

Summary

Delete a physical domain.

Description

This task deletes a physical domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Physical Domain Name	Select Physical Domain name to delete.	ApicPhysicalDomain Identity	Y
Do you want to delete the selected Physical Domain?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
PHYSICAL_DOMAIN	APIC Tenant Physical Domain	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomain Identity

Delete Layer 2 Domain in APIC External Bridged Domain

Summary

Delete layer 2 domain in APIC external bridged domain.

Description

This task deletes a layer 2 domain in an external bridged domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Bridged Domain	Select an External bridged domain to delete.	ApicDeviceTenantExternalBridgeDomainIdentity	Y
Do you want to delete the selected L2 Domain?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
L2_DOMAIN	L2 Domain	gen_text_input
L2_DOMAIN_IDENTITY	L2 Domain Identity	ApicDeviceTenantExternalBridgeDomainIdentity

Delete Layer 3 Domain in APIC External Routed Domain

Summary

Delete layer 3 domain in APIC external routed domain.

Description

This task deletes a layer 3 domain in an external routed domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
External Routed Domain	Select External Routed Domain to delete.	ApicDeviceTenantRoutedDomainIdentity	Y
Do you want to delete the selected L3 Domain?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
L3_DOMAIN	L3 Domain	gen_text_input
L3_DOMAIN_IDENTITY	L3 Domain Identity	ApicDeviceTenantRoutedDomainIdentity

Update Physical Domain

Summary

Update a physical domain.

Description

This task updates a physical domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Physical Domain Name	Select Physical Domain name to modify.	ApicPhysicalDomainIdentity	Y
Associated Attachable Entity Profile	Select Associated Attachable Entity profile.	ApicAssociatedAttachableEntityProfileIdentity	
VLAN Pool	Select VLAN Pool.	ApicVlanPoolIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
PHYSICAL_DOMAIN	APIC Tenant Physical Domain	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomainIdentity
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity



APIC - Security Management Operations

This chapter contains the following sections:

- [Create Security Domain, on page 556](#)
- [Delete Security Domain, on page 557](#)

Create Security Domain

Summary

Create a security domain.

Description

This task creates a security domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select APIC Account Name	ApicDeviceIdentity	Y
Security Domain Name	Enter a security domain name	gen_text_input	Y
Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
SECURITY_DOMAIN_IDENTITY	APIC Security Domain Identity	ApicDeviceTenantSecurityDomainIdentity

Delete Security Domain

Summary

Delete a security domain.

Description

This task delete a security domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Security Domains	Select Security Domains	ApicDeviceTenantSecurityDomain Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
SECURITY_DOMAIN_ IDENTITY	APIC Security Domain Identity	ApicDeviceTenantSecurity DomainIdentity



APIC - Tenant Operations

This chapter contains the following sections:

- [Add GUID to Tenant, on page 560](#)
- [Create APIC Tenant, on page 561](#)
- [Delete APIC Tenant, on page 563](#)
- [Delete GUID from Tenant, on page 564](#)

Add GUID to Tenant

Summary

Add GUID to APIC Tenant.

Description

This task adds a GUID to a tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Select a tenant name.	ApicDeviceTenant Identity	Y
GUID	Enter the GUID for an SCVMM provider. GUID must be in the format:xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx.	gen_text_input	Y
Account Name	Enter unique name for the SCVMM account.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_GUID_IDENTITY	APIC Tenant's GUID Identity	ApicTenantGUIDIdentity
OUTPUT_TENANT_GUID_ACCOUNT_NAME_IDENTITY	APIC Tenant's GUID Account Name Identity	gen_text_input

Create APIC Tenant

Summary

Create an APIC tenant.

Description

This task Creates an APIC Tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
APIC Account Name	Select an APIC account name.	ApicDeviceIdentity	Y
Tenant Name	Enter a tenant name.	gen_text_input	Y
Tenant Description	Enter a description. The description can be up to 128 alphanumeric characters.	gen_text_input	
Tenant Alias	Enter an alias, a changeable name for an object. Unlike the name of an object, the alias can be changed.	gen_text_input	
Tenant Tags	Select tags to be assigned for the fabric module.	ApicDeviceTagIdentity	
Monitoring Policy	Select a monitoring policy.	ApicDeviceTenantMonitoringPolicyIdentity	
Security Domains	Select security domains.	ApicDeviceTenantSecurityDomainIdentity	
VRF Name	Enter unique name for VRF within the tenant.	gen_text_input	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the APIC device on which the selected operation was performed	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_MONITORING_POLICY	Apic Monitoring Policy	gen_text_input

Output	Description	Type
DEVICE_TENANT_MONITORING_POLICY_IDENTITY	Apic Monitoring Policy Identity	ApicDeviceTenantMonitoringPolicyIdentity
DEVICE_TENANT_TAG_IDENTITY	Apic Tag Identity	ApicDeviceTagIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity

Delete APIC Tenant

Summary

Delete an APIC tenant.

Description

This task deletes an APIC tenant on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select Tenant Name	ApicDeviceTenantIdentity	Y
Do you want to delete the selected Tenant?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Delete GUID from Tenant

Summary

Delete GUID from APIC Tenant.

Description

This task deletes a GUID from a tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
GUID	Select a GUID to be deleted.	ApicTenantGUIDIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_GUID_IDENTITY	APIC Tenant's GUID Identity	ApicTenantGUIDIdentity



APIC - Tenant Policies Operations

This chapter contains the following sections:

- [Add DSCP to Priority Map in APIC Custom QoS Policy, on page 567](#)
- [Add Dot1P Classifiers to Custom QoS Policy in APIC Protocol, on page 569](#)
- [Add IGMP Interface Policy, on page 570](#)
- [Add NetFlow Monitor Policy to APIC Interface Profile, on page 572](#)
- [Create APIC Custom QoS Policy, on page 573](#)
- [Create APIC Data Plane Policing Policy, on page 574](#)
- [Create APIC Destination Of Redirected Traffic, on page 576](#)
- [Create APIC FHS Trust Control Policy, on page 577](#)
- [Create APIC IP SLA Monitoring Policy, on page 579](#)
- [Create APIC L4-L7 Policy Based Redirect, on page 580](#)
- [Create APIC Route Map Entry, on page 582](#)
- [Create APIC RouteMap Policy, on page 583](#)
- [Create EIGRP Interface Policy, on page 584](#)
- [Create L4 L7 Redirect Health Group, on page 585](#)
- [Create ND Interface Policy, on page 586](#)
- [Create ND RA Prefix Policy, on page 587](#)
- [Create OSPF Interface Policy, on page 588](#)
- [Create OSPF Timers, on page 589](#)
- [Delete APIC Custom QoS Policy, on page 591](#)
- [Delete APIC Data Plane Policing Policy, on page 592](#)
- [Delete APIC Destination Of Redirected Traffic, on page 593](#)
- [Delete APIC FHS Trust Control Policy, on page 594](#)
- [Delete APIC IP SLA Monitoring Policy, on page 595](#)
- [Delete APIC L4-L7 Policy Based Redirect, on page 596](#)
- [Delete APIC Route Map Entry, on page 597](#)
- [Delete APIC RouteMap Policy, on page 598](#)
- [Delete EIGRP Interface Policy, on page 599](#)
- [Delete L4 L7 Redirect Health Group, on page 600](#)
- [Delete ND Interface Policy, on page 601](#)
- [Delete ND RA Prefix Policy, on page 602](#)
- [Delete OSPF Interface Policy, on page 603](#)
- [Delete OSPF Timers, on page 604](#)

- [Remove DSCP from Priority Map in APIC Custom QoS Policy, on page 605](#)
- [Remove Dot1P Classifier from Custom QoS Policy in APIC Protocol, on page 606](#)
- [Remove IGMP Interface Policy, on page 607](#)
- [Remove NetFlow Monitor Policy from APIC Interface Profile, on page 608](#)
- [Update APIC Data Plane Policing Policy, on page 609](#)
- [Update APIC Destination Of Redirected Traffic, on page 611](#)
- [Update APIC IP SLA Monitoring Policy, on page 612](#)
- [Update APIC L4-L7 Policy Based Redirect, on page 613](#)
- [Update IGMP Interface Policy, on page 615](#)

Add DSCP to Priority Map in APIC Custom QoS Policy

Summary

Add DSCP to Priority Map in APIC Custom QoS Policy.

Description

This task adds a DSCP to a priority map in a custom QoS policy on an APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Custom QoS Policy Name	Select a Custom QoS Policy Name.	ApicTenantCustomQosPolicyIdentity	Y
Priority	Choose Priority. The priority level of the QoS can be unspecified, level1, level2 or level3. The default value is 'unspecified'.	ApicCustomQosPriorityIdentity	Y
DSCP Range from	Select DSCP Range from value between 0 to 63 and default value is none	ApicCustomQosPolicyDscpRangeFromIdentity	Y
Enter DSCP Range from	Enter DSCP Range from value between 0 to 63.	gen_text_input	Y
DSCP Range to	Select DSCP Range to value between 0 to 63 and default value is none	ApicCustomQosPolicyDscpRangeToIdentity	Y
Enter DSCP Range to	Enter DSCP Range to value between 0 to 63.	gen_text_input	Y
DSCP Target	Select DSCP Target value between 0 to 64 and default value is 'unspecified'	ApicCustomQosPolicyDscpTargetIdentity	
Enter DSCP Target	Enter DSCP Target value between 0 to 64 and default value is 'unspecified'	gen_text_input	
Target Cos	Select DSCP Target Cos value between 0 to 8 and default value is 'unspecified'	ApicCustomQosPolicyDscpTargetCosIdentity	
Enter Target Cos	Enter DSCP Target Cos value between 0 to 8 and default value is 'unspecified'	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicyIdentity
OUTPUT_CUSTOM_QOS_DSCP_PRIORITY_RANGE	Custom QoS's DSCP Priority Range to Map	gen_text_input

Output	Description	Type
OUTPUT_CUSTOM_QOS_DSCP_PRIORITY_RANGE_IDENTITY	Custom QoS's DSCP Priority Range to Map Identity	CustomQosDscpPrioritytoMapRange

Add Dot1P Classifiers to Custom QoS Policy in APIC Protocol

Summary

Enables configuring a custom QoS policy for different levels of service to be assigned to classes of network traffic, including specifications for the 802.1p Dot1p priority.

Description

This task creates a Dot1P classifier for an APIC tenant's custom QoS policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Custom QoS Policy	Select a custom QoS policy	ApicTenantCustomQosPolicyIdentity	Y
Priority	Choose a Priority. The priority level of the QoS can be unspecified, level1, level2 or level3. The default value is 'unspecified'.	ApicCustomQosPriorityIdentity	
Dot1P Range from	Choose the starting value for the dot1p range. The default value is unspecified.	ApicCustomQOSDot1PRangeFromIdentity	Y
Dot1P Range to	Choose the ending value for the dot1p range. The default value is unspecified.	ApicCustomQOSDot1PRangeToIdentity	Y
DSCP Target	Choose a DSCP target to which the dot1p range has to be mapped. The default value is unspecified.	ApicCustomQosDscpTargetIdentity	
Enter DSCP Target	Enter any value between 0 and 64 as the DSCP target. The default value is unspecified.	gen_text_input	
Target CoS	Choose a target cost of service (CoS) from the drop-down list. The default value is unspecified.	ApicCustomQosDscpTargetCosIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicyIdentity
CustomQOSDot1PClassifierIdentity	Custom QoS Dot1P Classifier Identity	APIC Custom QoS Dot1P Classifier Identity

Add IGMP Interface Policy

Summary

Add IGMP Interface Policy.

Description

This task adds an IGMP interface policy to a tenant in APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
IGMP Interface Policy Name	Enter an IGMP interface policy name.	gen_text_input	Y
Description	Enter an description for the IGMP interface policy, up to 128 alphanumeric characters.	gen_text_input	
Allow v3 ASM	Check to enable v3 ASM. Defaults to unchecked.	Boolean	
Fast Leave	Check to enable fast leave. Defaults to unchecked.	Boolean	
Report Link Local Groups	Check to enable report link local groups. Defaults to unchecked.	Boolean	
Group Timeout (sec)	Enter an group timeout in seconds. The default value is 260 seconds.	gen_text_input	Y
Query Interval (sec)	Enter an query interval in seconds. The default value is 125 seconds.	gen_text_input	Y
Query Response Interval (sec)	Enter an query response interval in seconds. The default value is 10 seconds.	gen_text_input	Y
Last Member Count	Enter an last member count. The default value is 2.	gen_text_input	Y
Last Member Response Time (sec)	Enter an last member response time in seconds. The default value is 1 seconds.	gen_text_input	Y
Startup Query Count	Enter an startup query count. The default value is 2.	gen_text_input	Y
Startup Query Interval (sec)	Enter an startup query interval in seconds. The default value is 31 seconds.	gen_text_input	Y
Querier Timeout (sec)	Enter an querier in seconds. The default value is 255 seconds.	gen_text_input	Y
Robustness Variable	Enter an robustness variable. The default value is 2.	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Version	Choose Version 2, Version 3 as Version. The default value is Version 2.	APIC Version Identity	
Report Policy Route Map	Select report policy route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	
Static Report Route Map	Select static report route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	
Maximum Multicast Entries	Enter an maximum multicast entries.	gen_text_input	
Reserved Multicast Entries	Enter an reserved multicast entries.	gen_text_input	
State Limit Route Map	Select state limit route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_IGMP_INTERFACE_POLICY_NAME	APIC IGMP Interface Policy Name on which the selected operation was performed	gen_text_input
OUTPUT_IGMP_INTERFACE_POLICY_IDENTITY	APIC IGMP Interface Policy Identity	INTERFACE_POLICY_IDENTITY

Add NetFlow Monitor Policy to APIC Interface Profile

Summary

Adding a NetFlow Monitor Policy to APIC Interface Profile.

Description

This task adds a NetFlow monitor policy to an APIC interface profile on the external routed network of an APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface Profile Name	Specify Logical Interface Profile Name	ApicDeviceTenantLogicalInterfaceProfileIdentity	Y
NetFlow IP Filter Type	Choose the NetFlow IP Filter Type	APIC NetFlow IP Filter Type Identity	Y
Netflow Monitor Policy	Select a NetFlow Monitor Policy to associate with the Interface Profile	APIC_DEVICE_TENANT_NETFLOW_MONITORING_POLICY_IDENTITY	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
OUTPUT_TENANT_NETFLOW_MONITOR_POLICY_NAME	NetFlow Monitor policy name	gen_text_input
OUTPUT_TENANT_LOGICAL_NETFLOW_MONITOR_POLICY_IDENTITY	APIC Tenant's Logical NetFlow Monitor Policy Identity	APIC_DEVICE_TENANT_LOGICAL_NETFLOW_MONITORING_POLICY_IDENTITY

Create APIC Custom QoS Policy

Summary

Create Custom QoS Policy on APIC Tenant.

Description

This task creates a custom QoS policy under a tenant on APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Name	Enter Custom QoS Policy Name	gen_text_input	Y
Description	Enter a Custom QoS Policy description. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicyIdentity
OUTPUT_CUSTOM_QOS_POLICY_NAME	APIC Tenant Custom QoS Policy	gen_text_input

Create APIC Data Plane Policing Policy

Summary

Create APIC Data Plane Policing Policy.

Description

This task allows User to create APIC Data Plane Policing Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Data Plane Policing Name	Enter a unique name for the data plane policing.	gen_text_input	Y
Administrative State	Choose disabled or enabled as the administrative state. The default value is disabled.	APIC Data Plane Policing Admin State Identity	
Policer Mode	Choose bit policer or packet policer as the policer mode. The default value is bit policer.	APIC Data Plane Policing Policer Mode Identity	
Type	Choose 1 rate 2 color or 2 rate 3 color as the type. The default value is 1 rate 2 color.	APIC Data Plane Policing Rate Color Type Identity	
Conform Action	Choose drop or mark or transmit as the conform action. The default value is transmit.	APIC Data Plane Policing Policy Action Identity	
Conform mark cos	Enter the conform mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	
Conform mark dscp	Enter the conform mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Exceed Action	Choose drop or mark or transmit as the exceed action. The default value is drop.	APIC Data Plane Policing Policy Action Identity	
Exceed mark cos	Enter the exceed mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	
Exceed mark dscp	Enter the exceed mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Violate Action	Choose drop or mark or transmit as the violate action. The default value is drop.	APIC Data Plane Policing Policy Action Identity	
Violate mark cos	Enter the violate mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Violate mark dscp	Enter the violate mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Sharing Mode	Choose dedicated policer or shared policer as the sharing mode. The default value is dedicated policer.	APIC Data Plane Policing Sharing Mode Identity	
Burst	Enter the committed burst size. This is number of packets allowed at line rate during burst.	gen_text_input	
Burst Units	Choose the burst units. The default value is bytes/packets.	APIC Data Plane Policing Burst Units Identity	
Excessive Burst	Enter an excessive burst. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-549755813760].	gen_text_input	
Excessive Burst Units	Choose the excessive bursts units. The default value is bytes/packets.	APIC Data Plane Policing Burst Units Identity	
Rate	Enter the allowed rate. This is committed rate at which the packets are allowed into the system (raw NTPD format).	gen_text_input	
Rate Units	Choose the rate units. The default value is bytes/packets per second.	APIC Data Plane Policing Rate Units Identity	
Peak Rate	Enter the peak rate. The value must be between 0 and 4398046510080.	gen_text_input	
Peak Rate Units	Choose the rate units. The default value is bytes/packets per second.	APIC Data Plane Policing Rate Units Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY	APIC Tenant's Data Plane policing Policy Identity	APIC Data Plane Policing Policy Identity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY_NAME	APIC Tenant's Data Plane policing Policy	gen_text_input

Create APIC Destination Of Redirected Traffic

Summary

Create APIC Destination Of Redirected Traffic.

Description

This task creates an APIC destination of redirected traffic.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Based Redirect name	Select a policy based redirect name.	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY	Y
IP Address	Enter the IPv4 or IPV6 address. For example, 2.2.2.2 or 1:1:1:1:2:2:2:2.	ipaddress	Y
Description	Enter a description for destination of redirected traffic, up to 128 alphanumeric characters.	gen_text_input	
MAC Address	Enter a valid MAC address. For example, aa:11:bb:11:cc:11.	gen_text_input	Y
Second IP Address	Enter the secondary IPv4 or IPv6 address. For example, 2.2.2.3 or 1:1:1:1:2:2:2:3.	ipaddress	
Pod ID	Enter the pod ID from the valid range 1 to 255. The default value is 1.	gen_text_input	
Redirect Health Group	Select a redirect health group.	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
OUTPUT_L4_L7_HEALTH_GROUP_IDENTITY	APIC L4 L7 Health Group Identity	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY
TENANT_DESTINATION_OF_REDIRECTED_TRAFFIC_IDENTITY	Destination Of Redirected Traffic Identity	APIC_L4_L7_DESTINATION_OF_REDIRECT_TRAFFIC_IDENTITY

Create APIC FHS Trust Control Policy

Summary

Create APIC FHS Trust Control Policy.

Description

This task allows user to add FHS Trust Control Policy on an APIC Tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a Tenant Name.	ApicDevice TenantIdentity	Y
Trust Control Policy Name	Enter a unique name for the FHS trust control policy.	gen_text_input	Y
Trust Control Policy Description	Enter a short description for the FHS trust control policy. The description can be up to 128 alphanumeric characters.	gen_text_input	
Trust DHCP v4 Server	Check to allow the port to trust the DHCPv4 servers to get IP addresses and other information. Defaults to unchecked.	Boolean	
Trust DHCP v6 Server	Check to allow the port to trust the DHCPv6 servers to get IP addresses and other information. Defaults to unchecked.	Boolean	
Trust Ipv6 Router	Check to allow the port to trust the DHCPv6 routers to get IP addresses and other information. Defaults to unchecked.	Boolean	
Trust ARP	Check to allow the port to trust ARP packets. Defaults to unchecked.	Boolean	
Trust ND	Check to allow the port to trust neighbor discovery (ND) protocol packets. Defaults to unchecked.	Boolean	
Trust RA	Check to allow the port to forward all router advertisement (RA) messages without being validated against the policy. Defaults to unchecked.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Output	Description	Type
OUTPUT_TENANT_FHS_TRUST_CONTROL_POLICY	APIC Tenant's FHS Trust Control Policy Identity	APIC FHS Trust Control Policy Identity

Create APIC IP SLA Monitoring Policy

Summary

Create APIC IP SLA Monitoring Policy.

Description

This task creates an IP Service Level Agreement (SLA) monitoring policy. IP SLAs performs active monitoring by generating and analyzing traffic to measure performance. Measurement statistics provided by IP SLA monitoring policy operations can be used for troubleshooting, problem analysis, and designing network topologies. With Cisco ACI, the IP SLA monitoring policy is associated with the service redirect policy. All the destinations under that policy are monitored with the configurations and parameters that are set.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select a tenant name.	ApicDeviceTenant Identity	Y
Name	Enter a unique name for the IP SLA monitoring policy.	gen_text_input	Y
Description	Enter a description for the IP SLA monitoring policy, up to 128 alphanumeric characters.	gen_text_input	
SLA Frequency (sec)	Enter the interval probe time to track a packet. The allowed SLA frequency range is 1 to 65535 seconds. The default value is 60 seconds.	gen_text_input	Y
SLA Type	Choose ICMP or TCP as the protocol types to track the policy. The default value is ICMP.	ApicIpSLAMonitoring PolicySLAPolicyIdentity	Y
SLA Port	Enter a SLA port number to monitor. The default value is 0.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
APICIPSLAMonitoringPolicy	APIC IP SLA Monitoring Policy	APIC IP SLA Monitoring Policy Identity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Create APIC L4-L7 Policy Based Redirect

Summary

Create APIC L4-L7 Policy Based Redirect.

Description

This task creates an APIC L4-L7 policy-based redirect.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
L4-L7 Policy Based Redirect Name	Enter a unique name for the L4-L7 Policy Based Redirect.	gen_text_input	Y
L4-L7 Policy Based Redirect Description	Enter a short description for the L4-L7 Policy Based Redirect. The description can be up to 128 alphanumeric characters.	gen_text_input	
Enable Pod ID Aware Redirection	Check to enable pod ID aware redirection. Defaults to unchecked.	Boolean	
Hashing Algorithm	Choose sip-dip-prototype, dip, or sip as the hashing algorithm. The default value is sip-dip-prototype.	APICL4L7Policy BasedRedirectHashing AlgorithmType	
Resilient Hashing Enabled	Check to enable resilient hashing for mapping traffic flows to physical nodes. Defaults to unchecked.	Boolean	
Anycast Endpoint	Check to enable anycast endpoint. Defaults to unchecked.	Boolean	
IP SLA Monitoring Policy	Select IP SLA Monitoring Policy.	APIC IP SLA Monitoring Policy Identity	
Min Threshold Percent (Percentage)	Enter the minimum threshold percentage. The default value is 0. The allowed threshold range is from 0 to 100.	gen_text_input	
Max Threshold Percent (Percentage)	Enter the maximum threshold percentage. The default value is 0. The allowed threshold range is from 0 to 100.	gen_text_input	
Threshold Down Action	Choose permit action or deny action as the threshold down action. The default value is permit action.	APICL4L7Policy BasedRedirect ThresholdDownAction Type	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT	Tenant's Policy Based Redirect	gen_text_input
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Create APIC Route Map Entry

Summary

Create APIC Route Map Entry.

Description

This task creates a route map entry in a route map policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Map Policy	Select a route map policy.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	Y
Order	Provide order value within the range 0 to 65535.	gen_text_input	Y
Group IP	Enter a valid IP address with prefix, for example: 1.2.3.1/22.	gen_text_input	Y
Source IP	Enter a valid IP address with prefix, for example: 1.2.3.1/22.	gen_text_input	Y
RP IP	Enter a valid IP address with prefix, for example: 1.2.3.1/22.	gen_text_input	
Action	Choose permit or deny as the action. The default value is permit.	APIC Route Map Entry Action Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_ROUTE_MAP_POLICY_IDENTITY	APIC Tenant RouteMap Policy Identity	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY
OUTPUT_TENANT_ROUTE_MAP_ENTRY_IDENTITY	APIC Tenant RouteMap Entry Identity	APIC_TENANT_ROUTE_MAP_ENTRY_IDENTITY

Create APIC RouteMap Policy

Summary

Create APIC RouteMap Policy.

Description

This task creates a route map policy under a tenant in APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Name	Enter a unique name for the route map policy name.	gen_text_input	Y
Description	Enter a short description for the route map policy. The description can be up to 128 alphanumeric characters.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_ROUTE_MAP_POLICY_NAME	APIC Tenant RouteMap Policy Name	gen_text_input
OUTPUT_TENANT_ROUTE_MAP_POLICY_IDENTITY	APIC Tenant RouteMap Policy Identity	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY

Create EIGRP Interface Policy

Summary

Create the policy on the EIGRP interface.

Description

This task creates a policy on the Enhanced Interior Gateway Routing Protocol (EIGRP) interface with name, state, and interval time information.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select an APIC Tenant.	ApicDeviceTenant Identity	Y
Name	Enter an APIC EIGRP Interface Policy name.	gen_text_input	Y
Description	Enter an APIC EIGRP Interface Policy description.	gen_text_input	
Control State	Check/Uncheck multiple options for Control State.	gen_text_input	
Hello Interval(sec)	Enter Hello Interval in seconds. Valid range is 1 to 65535 seconds. The default value is 5.	gen_text_input	
Hold Interval(sec)	Enter Dead Interval in seconds. Valid range is 1 to 65535 seconds. The default value is 15.	gen_text_input	

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_EIGRP_INTERFACE_IDENTITY	Apic Tenant EIGRP Interface Identity	ApicDeviceTenant EIGRPInterfaceIdentity

Create L4 L7 Redirect Health Group

Summary

Create a L4 L7 Redirect Health Group.

Description

This task creates an L4-L7 redirect health group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenantIdentity	Y
Redirect Health Group Name	Enter a unique name for L4-L7 redirect health group.	gen_text_input	Y
Description	Enter a short description for L4-L7 redirect health group.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_L4_L7_HEALTH_GROUP_NAME	APIC L4 L7 Health Group Name on which the selected operation was performed	gen_text_input
OUTPUT_L4_L7_HEALTH_GROUP_IDENTITY	APIC L4 L7 Health Group Identity	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY

Create ND Interface Policy

Summary

Create an ND interface policy.

Description

This task creates a ND interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select an APIC Tenant.	ApicDeviceTenant Identity	Y
Name	Enter an APIC ND Interface Policy name.	gen_text_input	Y
Description	Enter a description for the APIC ND Interface Policy. Up to 128 characters are allowed.	gen_text_input	
Controller State	Check to enable multiple options to Controller State. Default is that all Controller values are unchecked.	gen_text_input	
Hop Limit	Enter maximum number of hops. Default Hop Limit value is 64.	gen_text_input	
NS Transmission Interval(msec)	Enter NS Transmission Interval in milliseconds. Default Interval value is 1000.	gen_text_input	
MTU	Enter Number of Maximum Transmission Units. Default Max Transmission value is 9000.	gen_text_input	
Retransmission Retry Count	Enter Number of Retransmission Retries. Default Retry Count value is 3.	gen_text_input	
Route Advertise Interval(sec)	Enter Route Advertise Interval in seconds. Default Interval value is 600.	gen_text_input	
Router Lifetime(sec)	Enter Router Lifetime in seconds. Default Lifetime value is 1800.	gen_text_input	
Reachable Time(msec)	Enter Reachable Time in milliseconds. Default Reachable value is 0.	gen_text_input	
Retransmit Timer(msec)	Enter Retransmit Timer in milliseconds. Default Retransmit value is 0.	gen_text_input	

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ND_INTERFACE_IDENTITY	Apic Tenant ND Interface Policy Identity	ApicDeviceTenantNDInterface PolicyIdentity

Create ND RA Prefix Policy

Summary

Create ND RA Prefix Policy.

Description

This task will allow user to create ND RA Prefix policy for tenant in APIC. While ND interface policies are deployed under BDs, ND prefix policies are deployed for individual subnets. The ND prefix policy is on a subnet level. Every BD can have multiple subnets, and each subnet can have a different ND prefix policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Select a tenant name.	ApicDeviceTenant Identity	Y
Name	Enter a unique name for the ND RA prefix policy. The name can be up to 64 alphanumeric characters. Special characters allowed are [- , _].	gen_text_input	Y
Description	Enter a description for the ND RA prefix policy, up to 128 alphanumeric characters.	gen_text_input	
Controller State			
Auto Configuration	Check to enable auto configuration. Defaults to checked.	Boolean	
On link	Check to indicate that the prefix carried in the RA message can be allocated to the local link. Defaults to checked.	Boolean	
Router Address	Check to enable the router address. Defaults to unchecked.	Boolean	
Valid Prefix Lifetime	Enter the valid lifetime of the prefix.	gen_text_input	Y
Preferred Prefix Lifetime	Enter the preferred lifetime of the prefix.	gen_text_input	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_NDRA_PREFIX_POLICY_IDENTITY	APIC Tenant's ND RA Prefix Identity	APIC ND RA Prefix Policy Identity

Create OSPF Interface Policy

Summary

Create an OSPF interface policy.

Description

This task creates an open shortest path first (OSPF) interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select an APIC Tenant.	ApicDeviceTenant Identity	Y
Name	Enter an OSPF Interface Policy name.	gen_text_input	Y
Description	Enter additional description to OSPF Interface Policy. Up to 128 characters are allowed.	gen_text_input	
Network Type	Select a network Type. Default Network Type is 'unspecified'.	gen_text_input	
Priority	Enter Priority range from 0 to 255. The default value is 1.	gen_text_input	
Cost of Interface	Enter Cost of Interface. Valid range is 1 to 65535. The default value is 0.	gen_text_input	
Interface Controls	Check and uncheck multiple Interface Controls.	gen_text_input	
Hello Interval(sec)	Enter Hello Interval in seconds. Valid range is 1 to 65535 seconds. The default value is 10.	gen_text_input	
Dead Interval(sec)	Enter Dead Interval in seconds. Valid range is 1 to 65535 seconds. The default value is 40.	gen_text_input	
Retransmit Interval(sec)	Enter Retransmit Interval in seconds. Valid range is 1 to 65535 seconds. The default value is 5.	gen_text_input	
Transmit Delay(sec)	Enter Transmit Delay in seconds. Valid range is 1 to 450 seconds. The default value is 1.	gen_text_input	

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_OSPF_INTERFACE_IDENTITY	Apic Tenant OSPF Interface Identity	ApicDeviceTenantOSPFInterface Identity

Create OSPF Timers

Summary

Create OSPF timer entries to a device via APIC.

Description

This task creates open shortest path first (OSPF) timer entries to the device via APIC. The entry can include all OSPF time factor variables.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant name	Select an APIC Tenant.	ApicDeviceTenant Identity	Y
Name	Enter OSPF Timer name.	gen_text_input	Y
Description	Enter a description of OSPF Timer. Up to 128 characters are allowed.	gen_text_input	
Bandwidth Reference(MBPS)	Enter bandwidthReference (MBPS) within the range 1 to 4000000.	gen_text_input	
Admin Distance Preference	Enter Admin Distance Preference within the range 1 to 255.	gen_text_input	
Maximum ECMP	Enter Maximum ECMP within the range 1 to 16.	gen_text_input	
Initial SPF Schedule Delay Interval(MS)	Enter the Initial SPF Schedule in milliseconds. Valid range is 1 to 600000.	gen_text_input	
Minimum Hold Time Between Spf Calculations (MS)	Enter Minimum Hold Time in milliseconds. Valid range is 1 to 600000.	gen_text_input	
Maximum Wait Time Between Spf Calculations (MS)	Enter Maximum wait in milliseconds. Valid range is 1 to 600000.	gen_text_input	
LSA Group Pacing Interval (SECS)	Enter LSA Group pacing in seconds. Valid range is 1 to 1800.	gen_text_input	
Minimum Interval Between Arrival of a LSA (MS)	Enter Minimum interval in milliseconds. Valid range is 1 to 600000.	gen_text_input	
LSA Generation Throttle Start Wait Interval (MS)	Enter LSA Generation Throttle start wait in milliseconds. Valid range is 0 to 5000.	gen_text_input	
LSA Generation Throttle Hold Interval (MS)	Enter LSA Generation Throttle Hold Interval in milliseconds. Valid range is 50 to 30000.	gen_text_input	
LSA Generation Throttle Maximum Interval (MS)	Enter Generation Throttle Maximum Interval in milliseconds. Valid range is 50 to 30000.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Graceful Restart Controls	Check to enable Graceful Restart Controls for Timer. Default Controls value is checked.	gen_text_input	

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_OSPF_IDENTITY	Apic Tenant OSPF Identity	ApicDeviceTenantOSPFTimers Identity

Delete APIC Custom QoS Policy

Summary

Delete APIC Custom QoS Policy from Tenant on APIC.

Description

This task deletes a custom QoS policy from an APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Custom QoS Policy Name	Select an custom QoS policy name to be deleted.	ApicTenantCustomQosPolicyIdentity	Y
Do you want to delete the selected Custom QoS Policy?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicyIdentity

Delete APIC Data Plane Policing Policy

Summary

Delete APIC Data Plane Policing Policy.

Description

This task allows User to delete APIC Data Plane Policing Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Data Plane Policing Policy Name	Select data plane policing policy to be deleted.	APIC Data Plane Policing Policy Identity	Y
Do you want to delete the selected data plane policing policy?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY	APIC Tenant's Data Plane policing Policy Identity	APIC Data Plane Policing Policy Identity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY_NAME	APIC Tenant's Data Plane policing Policy	gen_text_input

Delete APIC Destination Of Redirected Traffic

Summary

Delete APIC Destination Of Redirected Traffic

Description

This task deletes an APIC destination of redirected traffic.

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Of Redirected Traffic	Select a destination of redirected traffic to be deleted.	APIC_L4_L7_DESTINATION_OF_REDIRECT_TRAFFIC_IDENTITY	Y
Do you want to delete the selected destination of redirected traffic?	Do you want to delete the selected destination of redirected traffic?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
TENANT_DESTINATION_OF_REDIRECTED_TRAFFIC_IDENTITY	Destination Of Redirected Traffic Identity	APIC_L4_L7_DESTINATION_OF_REDIRECT_TRAFFIC_IDENTITY

Delete APIC FHS Trust Control Policy

Summary

Delete APIC FHS Trust Control Policy.

Description

This task allows user to remove FHS Trust Control Policy from an APIC Tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
FHS Trust Control Policy Name	Select FHS trust control policy name to be deleted.	APIC FHS Trust Control Policy Identity	Y
Do you want to delete the selected FHS trust control policy?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_FHS_TRUST_CONTROL_POLICY	APIC Tenant's FHS Trust Control Policy Identity	APIC FHS Trust Control Policy Identity

Delete APIC IP SLA Monitoring Policy

Summary

Delete APIC IP SLA Monitoring Policy.

Description

This task deletes an IP SLA monitoring policy.

Inputs

Input	Description	Mappable To Type	Mandatory
IP SLA Policy	Select an IP SLA policy.	APIC IP SLA Monitoring Policy Identity	Y
Do you want to delete the selected IP SLA Policy?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Delete APIC L4-L7 Policy Based Redirect

Summary

Delete APIC L4-L7 Policy Based Redirect.

Description

This task deletes an APIC L4-L7 policy-based redirect.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Based Redirect Name	Select a policy based redirect name to be deleted.	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY	Y
Do you want to delete the selected Policy Based Redirect?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT	Tenant's Policy Based Redirect	gen_text_input
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Delete APIC Route Map Entry

Summary

Delete APIC Route Map Entry.

Description

This task removes a route map entry from a route map policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Route Map Entry	Select a route map entry to be deleted.	APIC_TENANT_ROUTE_MAP_ENTRY_IDENTITY	Y
Do you want to delete the selected route map entry?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_ROUTE_MAP_POLICY_IDENTITY	APIC Tenant RouteMap Policy Identity	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY
OUTPUT_TENANT_ROUTE_MAP_ENTRY_IDENTITY	APIC Tenant RouteMap Entry Identity	APIC_TENANT_ROUTE_MAP_ENTRY_IDENTITY

Delete APIC RouteMap Policy

Summary

Delete APIC RouteMap Policy.

Description

This task deletes a route map policy under a tenant in APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
RouteMap Policy	Select a route map policy to delete.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	
Do you want to delete the selected route map policy?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_ROUTE_MAP_POLICY_NAME	APIC Tenant RouteMap Policy Name	gen_text_input
OUTPUT_TENANT_ROUTE_MAP_POLICY_IDENTITY	APIC Tenant RouteMap Policy Identity	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY

Delete EIGRP Interface Policy

Summary

Delete the EIGRP timer entries to the device via APIC.

Description

This task deletes the Enhanced Interior Gateway Routing Protocol (EIGRP) timer entries to the device of all configured information via APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EIGRP Interface Policy	Select an APIC EIGRP Interface Policy.	ApicDeviceTenant EIGRPInterfaceIdentity	Y
Do you want to delete the selected Tenant EIGRP Interface Policy?	Do you want to delete the selected Tenant EIGRP Interface Policy?		Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_EIGRP_INTERFACE_IDENTITY	Apic Tenant EIGRP Interface Identity	ApicDeviceTenant EIGRPInterfaceIdentity

Delete L4 L7 Redirect Health Group

Summary

Delete a L4 L7 Redirect Health Group.

Description

This task delete an L4-L7 redirect health group.

Inputs

Input	Description	Mappable To Type	Mandatory
L4 L7 Redirect Health Group	Select a L4-L7 redirect health group to be deleted.	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY	Y
Do you want to delete the selected L4-L7 Redirect Health Group?	Do you want to delete the selected L4-L7 redirect health group?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_L4_L7_HEALTH_GROUP_NAME	APIC L4 L7 Health Group Name on which the selected operation was performed	gen_text_input
OUTPUT_L4_L7_HEALTH_GROUP_IDENTITY	APIC L4 L7 Health Group Identity	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY

Delete ND Interface Policy

Summary

Delete an ND interface policy.

Description

This task deletes a ND interface policy on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
ND Interface Policy Name	Select an APIC ND Interface Policy.	ApicDeviceTenantNDInterfacePolicyIdentity	Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_ND_INTERFACE_IDENTITY	Apic Tenant ND Interface Policy Identity	ApicDeviceTenantNDInterfacePolicyIdentity

Delete ND RA Prefix Policy

Summary

Delete ND RA Prefix Policy.

Description

This task will allow user to delete a ND RA Prefix policy available in APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
ND RA Prefix Policy	Select a ND RA prefix policy to be deleted.	APIC ND RA Prefix Policy Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_NDRA_PREFIX_POLICY_IDENTITY	APIC Tenant's ND RA Prefix Identity	APIC ND RA Prefix Policy Identity

Delete OSPF Interface Policy

Summary

Delete a policy from the OSPF interface.

Description

This task deletes a policy from the open shortest path first (OSPF) interface.

Inputs

Input	Description	Mappable To Type	Mandatory
OSPF Interface Policy	Select OSPF Interface Policy.	ApicDeviceTenant OSPFIInterfaceIdentity	Y
Do you want to delete the selected Tenant OSPF Interface Policy?	Do you want to delete the selected Tenant OSPF Interface Policy?		Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
DEVICE_TENANT_OSPF_INTERFACE_IDENTITY	Apic Tenant OSPF Interface Identity	ApicDeviceTenantOSPFIInterfaceIdentity

Delete OSPF Timers

Summary

Delete OSPF timer entries from a device via APIC.

Description

This task deletes open shortest path first (OSPF) timer entries from a device via APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
OSPF Timer Name	Select OSPF Timer name.	ApicDeviceTenant OSPFTimersIdentity	Y
Do you want to delete the selected Tenant OSPF Timers?	Do you want to delete the selected Tenant OSPF Timers?		Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Remove DSCP from Priority Map in APIC Custom QoS Policy

Summary

Remove DSCP from Priority Map in APIC Custom QoS Policy.

Description

This task removes a DSCP from a priority map in a custom QoS policy on an APIC tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Priority Range	Select an DSCP priority range to be deleted.	CustomQosDscpPrioritytoMapRange	Y
Do you want to remove the selected priority range from map?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicyIdentity
OUTPUT_CUSTOM_QOS_DSCP_PRIORITY_RANGE	Custom QoS's DSCP Priority Range to Map	gen_text_input
OUTPUT_CUSTOM_QOS_DSCP_PRIORITY_RANGE_IDENTITY	Custom QoS's DSCP Priority Range to Map Identity	CustomQosDscpPrioritytoMapRange

Remove Dot1P Classifier from Custom QoS Policy in APIC Protocol

Summary

Remove dot1P classifier from custom QoS policy in APIC protocol.

Description

This Task deletes a Dot1P Classifier from an APIC tenant's custom QoS policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Dot1P Classifier	Select a custom QoS Dot1P classifier to be deleted.	APIC Custom QoS Dot1P Classifier Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_CUSTOM_QOS_POLICY_IDENTITY	Custom QoS Policy Identity	ApicTenantCustomQosPolicy Identity
CustomQOSDot1PClassifier Identity	Custom QoS Dot1P Classifier Identity	APIC Custom QoS Dot1P Classifier Identity

Remove IGMP Interface Policy

Summary

Remove IGMP Interface Policy.

Description

This task removes an IGMP interface policy from a tenant in APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
IGMP Interface Policy Name	Select IGMP interface policy name to be deleted.	INTERFACE_POLICY_IDENTITY	Y
Do you want to delete the selected IGMP Interface Policy?	Do you want to delete the selected IGMP Interface Policy?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_IGMP_INTERFACE_POLICY_NAME	APIC IGMP Interface Policy Name on which the selected operation was performed	gen_text_input
OUTPUT_IGMP_INTERFACE_POLICY_IDENTITY	APIC IGMP Interface Policy Identity	INTERFACE_POLICY_IDENTITY

Remove NetFlow Monitor Policy from APIC Interface Profile

Summary

Removes a NetFlow Monitor Policy from APIC Interface Profile.

Description

This task removes a NetFlow monitor policy from an APIC interface profile on the external routed network of an APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
NetFlow Monitor Policy Name	Select a NetFlow Monitor policy to remove from Inteface profile	APIC_DEVICE_TENANT_LOGICAL_NETFLOW_MONITORING_POLICY_IDENTITY	Y
Do you want to delete the selected NetFlow Monitor Policy From Logical Interface profile?	Do you want to delete the selected NetFlow Monitor Policy From Logical Interface profile?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY	External Routed Network Identity	ApicDeviceTenantL3OutIdentity
OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY	Logical Node Profile Identity	ApicDeviceTenantLogicalNodeProfileIdentity
OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY	Logical Interface Profile Identity	ApicDeviceTenantLogicalInterfaceProfileIdentity
OUTPUT_TENANT_NETFLOW_MONITOR_POLICY_NAME	NetFlow Monitor policy name	gen_text_input
OUTPUT_TENANT_LOGICAL_NETFLOW_MONITOR_POLICY_IDENTITY	APIC Tenant's Logical NetFlow Monitor Policy Identity	APIC_DEVICE_TENANT_LOGICAL_NETFLOW_MONITORING_POLICY_IDENTITY

Update APIC Data Plane Policing Policy

Summary

Update APIC Data Plane Policing Policy.

Description

This task allows User to update APIC Data Plane Policing Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Data Plane Policing Policy	Select a data plane policing policy.	APIC Data Plane Policing Policy Identity	
Administrative State	Choose disabled or enabled as the administrative state. The default value is disabled.	APIC Data Plane Policing Admin State Identity	
Policer Mode	Choose Bit policer or Packet Policer as the policer mode. The default value is Bit policer.	APIC Data Plane Policing Policer Mode Identity	
Type	Choose 1 Rate 2 Color or 2 Rate 3 Color as the type. The default value is 1 Rate 2 color.	APIC Data Plane Policing Rate Color Type Identity	
Conform Action	Choose Drop or Mark or Transmit as the conform action. The default value is Transmit.	APIC Data Plane Policing Policy Action Identity	
Conform mark cos	Enter the conform mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	
Conform mark dscp	Enter the conform mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Exceed Action	Choose Drop or Mark or Transmit as the exceed action. The default value is Drop.	APIC Data Plane Policing Policy Action Identity	
Exceed mark cos	Enter the exceed mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	
Exceed mark dscp	Enter the exceed mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Violate Action	Choose Drop or Mark or Transmit as the violate action. The default value is Drop.	APIC Data Plane Policing Policy Action Identity	
Violate mark cos	Enter the violate mark cos. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-6].	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Violate mark dscp	Enter the violate mark dscp. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-63].	gen_text_input	
Sharing Mode	Choose Dedicated Policer or Shared Policer as the Sharing Mode. The default value is Dedicated Policer.	APIC Data Plane Policing Sharing Mode Identity	
Burst	This is committed burst size. This is number of packets allowed at line rate during burst.	gen_text_input	
Burst Units	Choose the burst units. The default value is Bytes/Packets.	APIC Data Plane Policing Burst Units Identity	
Excessive Burst	Enter an excessive burst. Permitted values are: unspecified, defaultValue,0xffff or in the range [0-549755813760].	gen_text_input	
Excessive Burst Units	Choose the excessive burst units. The default value is Bytes/Packets.	APIC Data Plane Policing Burst Units Identity	
Rate	An allowed rate. This is committed rate at which the packets are allowed into the system (raw NTPD format).	gen_text_input	
Rate Units	Choose the rate units. The default value is Bytes/Packets per second.	APIC Data Plane Policing Rate Units Identity	
Peak Rate	Enter the Peak Rate. The value must be between 0 and 4398046510080.	gen_text_input	
Peak Rate Units	Choose the rate units. The default value is Bytes/Packets per second.	APIC Data Plane Policing Rate Units Identity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY	APIC Tenant's Data Plane policing Policy Identity	APIC Data Plane Policing Policy Identity
OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY_NAME	APIC Tenant's Data Plane policing Policy	gen_text_input

Update APIC Destination Of Redirected Traffic

Summary

Update APIC Destination Of Redirected Traffic

Description

This task updates an APIC destination of redirected traffic.

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Of Redirected Traffic	Select a destination of redirected traffic to update.	APIC_L4_L7_DESTINATION_OF_REDIRECT_TRAFFIC_IDENTITY	Y
Description	Enter a description for the destination of redirected traffic, up to 128 alphanumeric characters.	gen_text_input	
MAC Address	Enter a valid MAC address. For example, aa:11:bb:11:cc:11.	gen_text_input	Y
Second IP Address	Enter the secondary IPv4 or IPv6 address. For example, 2.2.2.3 or 1:1:1:1:2:2:2:3.	ipaddress	
Pod ID	Enter the pod ID from the valid range 1 to 255. The default value is 1.	gen_text_input	
Redirect Health Group	Select a redirect health group.	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
OUTPUT_L4_L7_HEALTH_GROUP_IDENTITY	APIC L4 L7 Health Group Identity	L4_L7_REDIRECT_HEALTH_GROUP_IDENTITY
TENANT_DESTINATION_OF_REDIRECTED_TRAFFIC_IDENTITY	Destination Of Redirected Traffic Identity	APIC_L4_L7_DESTINATION_OF_REDIRECT_TRAFFIC_IDENTITY

Update APIC IP SLA Monitoring Policy

Summary

Update APIC IP SLA Monitoring Policy.

Description

This task updates an IP SLA monitoring policy.

Inputs

Input	Description	Mappable To Type	Mandatory
IP SLA Policy	Select an IP SLA policy.	APIC IP SLA Monitoring Policy Identity	Y
Description	Enter a description for IP SLA monitoring policy, up to 128 alphanumeric characters.	gen_text_input	
SLA Frequency(sec)	Enter the interval probe time to track a packet. The allowed SLA frequency range is 1 to 65535 seconds.	gen_text_input	Y
SLA Type	Choose ICMP or TCP as the protocol types to track the policy.	ApicIpSLAMonitoring PolicySLAPolicyIdentity	Y
SLA Port	Enter the SLA port number that has to be monitored.	gen_text_input	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
APICIPSLAMonitoringPolicy	APIC IP SLA Monitoring Policy	APIC IP SLA Monitoring Policy Identity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

Update APIC L4-L7 Policy Based Redirect

Summary

Update APIC L4-L7 Policy Based Redirect.

Description

This task updates an APIC L4-L7 policy-based redirect.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Based Redirect Name	Select a policy based redirect name to update.	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY	Y
L4-L7 Policy Based Redirect Description	Enter a short description for the L4-L7 Policy Based Redirect. The description can be up to 128 alphanumeric characters.	gen_text_input	
Enable Pod ID Aware Redirection	Check this box to enable pod ID aware redirection. By default, the check box is unchecked.	Boolean	
Hashing Algorithm	Choose sip-dip-prototype, dip, or sip as the hashing algorithm. The default value is sip-dip-prototype.	APICL4L7PolicyBasedRedirectHashingAlgorithmType	
Resilient Hashing Enabled	Check the box to enable resilient hashing for mapping traffic flows to physical nodes. By default, the check box is unchecked.	Boolean	
Anycast Endpoint	Check the box to enable anycast endpoint. By default, the check box is unchecked.	Boolean	
IP SLA Monitoring Policy	Select IP SLA Monitoring Policy.	APIC IP SLA Monitoring Policy Identity	
Min Threshold Percent (Percentage)	Enter the minimum threshold percentage. The default value is 0. The allowed threshold range is from 0 to 100.	gen_text_input	
Max Threshold Percent (Percentage)	Enter the maximum threshold percentage. The default value is 0. The allowed threshold range is from 0 to 100.	gen_text_input	
Threshold Down Action	Choose permit action or deny action as the threshold down action. The default value is permit action.	APICL4L7PolicyBasedRedirectThresholdDownActionType	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_POLICY_BASED_REDIRECT	Tenant's Policy Based Redirect	gen_text_input
TENANT_POLICY_BASED_REDIRECT_IDENTITY	APIC Tenant Policy Based Redirect Identity	APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Update IGMP Interface Policy

Summary

Update IGMP Interface Policy.

Description

This task updates an IGMP interface policy to a tenant in APIC.

Inputs

Input	Description	Mappable To Type	Mandatory
IGMP Interface Policy Name	Select IGMP interface policy name to be updated.	INTERFACE_POLICY_IDENTITY	Y
Description	Enter an description for the IGMP interface policy, up to 128 alphanumeric characters.	gen_text_input	
Allow v3 ASM	Check to enable v3 ASM. Defaults to unchecked.	Boolean	
Fast Leave	Check to enable fast leave. Defaults to unchecked.	Boolean	
Report Link Local Groups	Check to enable report link local groups. Defaults to unchecked.	Boolean	
Group Timeout (sec)	Enter an group timeout in seconds. The default value is 260 seconds.	gen_text_input	Y
Query Interval (sec)	Enter an query interval in seconds. The default value is 125 seconds.	gen_text_input	Y
Query Response Interval (sec)	Enter an query response interval in seconds. The default value is 10 seconds.	gen_text_input	Y
Last Member Count	Enter an last member count. The default value is 2.	gen_text_input	Y
Last Member Response Time (sec)	Enter an last member response time in seconds. The default value is 1 seconds.	gen_text_input	Y
Version	Choose Version 2, Version 3 as Version. The default value is Version 2.	APIC Version Identity	
Startup Query Count	Enter an startup query count. The default value is 2.	gen_text_input	Y
Startup Query Interval (sec)	Enter an startup query interval in seconds. The default value is 31 seconds.	gen_text_input	Y
Querier Timeout (sec)	Enter an querier in seconds. The default value is 255 seconds.	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Robustness Variable	Enter an robustness variable. The default value is 2.	gen_text_input	Y
State Limit Route Map	Select state limit route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	
Maximum Multicast Entries	Enter an maximum multicast entries.	gen_text_input	
Reserved Multicast Entries	Enter an reserved multicast entries.	gen_text_input	
Report Policy Route Map	Select report policy route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	
Static Report Route Map	Select static report route map.	APIC_TENANT_ROUTE_MAP_POLICY_IDENTITY	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_IGMP_INTERFACE_POLICY_NAME	APIC IGMP Interface Policy Name on which the selected operation was performed	gen_text_input
OUTPUT_IGMP_INTERFACE_POLICY_IDENTITY	APIC IGMP Interface Policy Identity	INTERFACE_POLICY_IDENTITY



APIC - VMM Domain Operations

This chapter contains the following sections:

- [Create vCenter Domain in APIC, on page 618](#)
- [Delete vCenter Domain in APIC, on page 620](#)
- [Update vCenter Domain in APIC, on page 621](#)

Create vCenter Domain in APIC

Summary

Create vCenter domain in APIC.

Description

This task creates a vCenter domain in the virtual machine manager (VMM) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	ApicDeviceIdentity	Y
Domain Name	Domain Name	gen_text_input	Y
Vendor	Choose a vendor. the vendors are VMware and Microsoft. The default is 'VMware'.	gen_text_input	Y
Virtual Switch	Virtual Switch	gen_text_input	Y
Switching Preference	Switching Preference	gen_text_input	
Encap	Encapsulation	gen_text_input	
Multicast Address	Multicast Address	gen_text_input	
Multicast Address Pool	Multicast Address Pool	ApicVlanPoolIdentity	
Associated Attachable Entity Profile	Associated Attachable Entity Profile	ApicAssociatedAttachableEntityProfileIdentity	
VLAN Pool	VLAN Pool	ApicVlanPoolIdentity	
Add vCenter Credentials	vCenter Credentials	gen_text_input	
Controller Type	Controller Type	gen_text_input	
SCVMM Controller	SCVMM Controller		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
VMM_DOMAIN	VMM Domain	gen_text_input
VMM_DOMAIN_IDENTITY	VMM Domain Identity	ApicVmmDomainIdentity
VMM_DOMAIN_PROFILE_IDENTITY	VMM Domain Profile Identity	ApicDomainProfileIdentity
VMNETWORKING_VMM_DOMAIN_PROFILE_IDENTITY	APIC Device VM Networking VMM Domain Profile Identity	ApicVMNetworkingDomainProfileIdentity
VIRTUAL_SWITCH_MODE	Virtual Switch Mode	gen_text_input

Output	Description	Type
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity
VMWARE_DV_SWITCH_IDENTITY	VMware DV Switch Identity	VMwareDVSwitchIdentity
OUTPUT_VDS_UPLINK_PORTGROUP_NAME	VMware DVSwitch Uplink Port Group	uplinkPortGroupLovList

Delete vCenter Domain in APIC

Summary

Delete vCenter domain in APIC.

Description

This task deletes a vCenter domain from a virtual machine manager (VMM) domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Domain Name	Select a domain name to delete.	ApicVmmDomainIdentity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
VMM_DOMAIN	VMM Domain	gen_text_input
VMM_DOMAIN_IDENTITY	VMM Domain Identity	ApicVmmDomainIdentity

Update vCenter Domain in APIC

Summary

Update vCenter domain in APIC.

Description

This task updates a vCenter domain in a virtual machine manager (VMM) domain on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Domain Name	Select a Domain name to modify.	ApicVmmDomain Identity	Y
Vendor	Choose a vendor. The vendors are VMware and Microsoft. The default is 'VMware'.	gen_text_input	Y
Virtual Switch	Choose a Virtual Switch. The Virtual Switches are VMware Vsphere Distributed Switch and Cisco AVS. The default is 'VMware Vsphere Distributed Switch'.	gen_text_input	Y
Switching Preference	Choose Switching Preference. Choices are No Local Switching or Local Switching.	gen_text_input	Y
Encapsulation	Choose Encapsulation. Choices are VLAN or VXLAN.	gen_text_input	Y
Associated Attachable Entity Profile	Select Associated Attachable Entity profile.	ApicAssociated AttachableEntity ProfileIdentity	
VLAN Pool	Select VLAN Pool.	ApicVlanPoolIdentity	
Multicast Address	Enter the multicast address. The range of multicast addresses is 224.0.0.0 to 239.255.255.255.	gen_text_input	
Multicast Address Pool	Select Multicast Address Pool.	ApicVlanPoolIdentity	
Add vCenter Credentials	Check this option to set vCenter Credentials. By default, this field is unchecked.	gen_text_input	
vCenter Credentials	Provide one or more Credential.		
vCenter	Provide one or more vCenter.		
SCVMM Controller	Provide one or more SCVMM Controller.		

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
VMM_DOMAIN	VMM Domain	gen_text_input

Output	Description	Type
VMM_DOMAIN_IDENTITY	VMM Domain Identity	ApicVmmDomainIdentity
VMM_DOMAIN_PROFILE_IDENTITY	VMM Domain Profile Identity	ApicDomainProfileIdentity
VIRTUAL_SWITCH_MODE	Virtual Switch Mode	gen_text_input
ENTITY_PROFILE	Associated Attachable Entity Profile	gen_text_input
VLAN_POOL	VLAN Pool	gen_text_input
VLAN_POOL_IDENTITY	VLAN Pool Identity	ApicVlanPoolIdentity
ENTITY_PROFILE_IDENTITY	Associated Attachable Entity Profile Identity	ApicAssociatedAttachableEntityProfileIdentity



APIC - VRF Operations

This chapter contains the following sections:

- [Add APIC VzAny Contract Interface To VRF, on page 624](#)
- [Add APIC vzAny Contract to VRF, on page 625](#)
- [Add APIC vzAny EPG Any Label To VRF, on page 626](#)
- [Add APIC vzAny Subject Label To VRF, on page 628](#)
- [Create VRF in APIC, on page 630](#)
- [Delete APIC vzAny Contract from VRF, on page 631](#)
- [Delete APIC vzAny EPG Any Label from VRF, on page 632](#)
- [Delete APIC vzAny Subject Label From VRF, on page 633](#)
- [Delete VRF in APIC, on page 634](#)
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Add APIC VzAny Contract Interface To VRF

Summary

Add APIC VzAny Contract Interface To VRF.

Description

This task removes an APIC vzAny contract interface from vzAny.

Inputs

Input	Description	Mappable To Type	Mandatory
VRF	Select a VRF.	ApicDeviceTenantPrivateNetworkIdentity	Y
Contract Interface	Click to choose a contract interface that you want to add to the contact.	ApicDeviceTenantImportContractIdentity	Y
QOS	Choose the priority level of the service contract. The default value is unspecified.	ApicCustomQosPriorityContractInterfaceIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_CONTRACT_INTERFACE_NAME	Contract Interface Name	gen_text_input
OUTPUT_CONTRACT_INTERFACE_IDENTITY	Contract Interface Identity	APIC_CONTRACT_INTERFACE_IDENTITY

Add APIC vzAny Contract to VRF

Summary

Add Contract to VRFs vzAny.

Description

This task adds a contract to VRFs vzAny. Contracts provide a way for the Cisco Application Centric Infrastructure (ACI) administrator to control traffic flow within the ACI fabric between endpoint groups. These contracts use a provider-consumer model where one endpoint group provides the services it wants to offer and another endpoint group consumes them. Contracts are assigned a scope of Global, Tenant, VRF, or Application Profile, which limit the accessibility of the contract. A contract consists of one or more subjects. Each subject contains one or more filters. Each filter contains one or more entries. Each entry is equivalent to a line in an access control list (ACL) that is applied on the leaf switch to which the endpoint within the endpoint group is attached.

Inputs

Input	Description	Mappable To Type	Mandatory
VRFs	Select a VRF.	ApicDeviceTenantPrivate NetworkIdentity	Y
Is Provided Contract	Enable to add provided contract. Disable to add consumed contract.	Boolean	
Name	Click to choose a contract name for the vzAny.	ApicDeviceTenantContract Identity	Y
QoS Class	Choose the priority level of the quality of service(QoS). The default value is Unspecified.	APIC vzAny QoS Class Identity	Y
Contract Match Type	Choose the match criteria for the contract. The default value is Atleast One.	APICvzAnyMatchType Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivate NetworkIdentity
OUTPUT_TENANT_VRF_VZANY_CONTRACT_IDENTITY	APIC VRF vzAny Contract Identity	APIC VRF vzAny Contract Identity
OUTPUT_TENANT_VRF_VZANY_CONTRACT_TYPE_IDENTITY	APIC VRF vzAny Contract type Identity	Boolean

Add APIC vzAny EPG Any Label To VRF

Summary

Add APIC vzAny EPG Any Label To VRF.

Description

This task creates vzAny EPG Any Label To VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VRF	Select a VRF to create labels	ApicDeviceTenantPrivate NetworkIdentity	Y
Provided Label Name	Enter unique name for the provided any label	gen_text_input	
Provided Label Tag	Choose a color for the label tag. The default value is black	APICTagColorLovProvider TYPE	
Provided Complement	Check the box to enable the complement for label	Boolean	
Consumed Label Name	Enter unique name for the consumed any label	gen_text_input	
Consumed Label Tag	Choose a color for the label tag. The default value is black	APICTagColorLovProvider TYPE	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivate NetworkIdentity
TENANT_VZANY_ANY_PROVIDED_LABEL_IDENTITY	VzAny any Provided Label Identity	APIC VRF vzAny Label Identity
TENANT_VZANY_ANY_PROVIDED_LABEL_TAG_IDENTITY	VzAny Any Provided Label Tag Identity	gen_text_input
TENANT_VZANY_ANY_CONSUMED_LABEL_IDENTITY	VzAny any Consumed Label Identity	APIC VRF vzAny Label Identity

Output	Description	Type
TENANT_VZANY_ANY_CONSUMED_LABEL_TAG_IDENTITY	VzAny any Consumed Label Tag Identity	gen_text_input

Add APIC vzAny Subject Label To VRF

Summary

Add APIC vzAny Subject Label To VRF.

Description

This task adds an APIC vzAny subject label to a VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VRF	Select a VRF to create labels.	ApicDeviceTenant PrivateNetworkIdentity	Y
Provided Label Name	Enter unique name for the provided subject label. The name can be up to 64 alphanumeric characters. The allowed special characters are -, _ ,. and :.	gen_text_input	
Provided Label Tag	Choose a color for the label tag. The default value is black.	APICTagColorLov ProviderTYPE	
Provided Complement	Check the box to enable the complement for label. Defaults to unchecked.	Boolean	
Consumed Label Name	Enter unique name for the provided subject label. The name can be up to 64 alphanumeric characters. The allowed special characters are -, _ ,. and :.	gen_text_input	
Consumed Label Tag	Choose a color for the label tag. The default value is black.	APICTagColorLov ProviderTYPE	
Consumed Complement	Check the box to enable the complement for label. Defaults to unchecked.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
TENANT_VZANY_PROVIDED_SUBJECT_LABEL_NAME	Provided Subject Label Name	gen_text_input

Output	Description	Type
TENANT_VZANY_PROVIDED_SUBJECT_LABEL_IDENTITY	Provided Subject Label Identity	APIC_SUBJECT_LABEL_IDENTITY
TENANT_VZANY_ANY_PROVIDED_LABEL_TAG_IDENTITY	VzAny Any Provided Label Tag Identity	gen_text_input
TENANT_VZANY_CONSUMED_SUBJECT_LABEL_NAME	Consumed Subject Label Name	gen_text_input
TENANT_VZANY_CONSUMED_SUBJECT_LABEL_IDENTITY	Consumed Subject Label Identity	APIC_SUBJECT_LABEL_IDENTITY
TENANT_VZANY_ANY_CONSUMED_LABEL_TAG_IDENTITY	VzAny any Consumed Label Tag Identity	gen_text_input

Create VRF in APIC

Summary

Create VRF in APIC.

Description

This task creates a VRF (private network) on the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Provide Tenant Name	ApicDeviceTenantIdentity	Y
Private Network Name	Provide Private Network Name	gen_text_input	Y
Policy Enforcement	Provide Policy Enforcement	gen_text_input	
Private Network Description	Provide Description for Private Network	gen_text_input	
BGP Timers	Provide BGP Timers	ApicDeviceTenantBGPTimers Identity	
OSPF Timers	Provide OSPF Timers	ApicDeviceTenantOSPFTimers Identity	
Monitoring Policy	Provide Monitoring Policy	ApicDeviceTenantMonitoring PolicyIdentity	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivate NetworkIdentity
DEVICE_TENANT_OSPF_IDENTITY	Apic Tenant OSPF Identity	ApicDeviceTenantOSPFTimers Identity
DEVICE_TENANT_BGP_IDENTITY	Apic Tag	ApicDeviceTenantBGPTimers Identity
DEVICE_TENANT_MONITORING_POLICY_IDENTITY	Apic Monitoring Policy Identity	ApicDeviceTenantMonitoring PolicyIdentity

Delete APIC vzAny Contract from VRF

Summary

Delete Contract from VRFs vzAny.

Description

This task removes a contract from VRFs vzAny. Contracts provide a way for the Cisco Application Centric Infrastructure (ACI) administrator to control traffic flow within the ACI fabric between endpoint groups. These contracts are built using a provider-consumer model where one endpoint group provides the services it wants to offer and another endpoint group consumes them. A contract is assigned a scope of Global, Tenant, VRF, or Application Profile, which limits the accessibility of the contract. A contract consists of one or more subjects. Each subject contains one or more filters. Each filter contains one or more entries. Each entry is equivalent to a line in an access control list (ACL) that is applied on the leaf switch to which the endpoint within the endpoint group is attached.

Inputs

Input	Description	Mappable To Type	Mandatory
Is Provided Contract	Enable to add a provided contract. Disable to add a consumed contract.	Boolean	
vzAny Contract	Select a vzAny contract to be deleted.	APIC VRF vzAny Contract Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_TENANT_VRF_VZANY_CONTRACT_IDENTITY	APIC VRF vzAny Contract Identity	APIC VRF vzAny Contract Identity

Delete APIC vzAny EPG Any Label from VRF

Summary

Delete APIC vzAny EPG Any Label from VRF.

Description

This task delete vzAny EPG Any Label from VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
Label Name	Select a label name.	APIC VRF vzAny Label Identity	Y
Do you want to delete the selected label From VRF?			Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
TENANT_VZANY_ANY_PROVIDED_LABEL_IDENTITY	VzAny any Provided Label Identity	APIC VRF vzAny Label Identity
TENANT_VZANY_ANY_CONSUMED_LABEL_IDENTITY	VzAny any Consumed Label Identity	APIC VRF vzAny Label Identity

Delete APIC vzAny Subject Label From VRF

Summary

Delete APIC vzAny Subject Label From VRF.

Description

This task removes a subject label from a vzAny VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
Subject Label	Select Subject Label to be deleted.	APIC_SUBJECT_LABEL_IDENTITY	Y
Do you want to delete the selected Subject Label from vzAny VRF?	Do you want to delete the selected Subject Label from vzAny VRF?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
TENANT_VZANY_VRF_SUBJECT_LABEL_NAME	Subject Label Name	gen_text_input
TENANT_VZANY_VRF_SUBJECT_LABEL_IDENTITY	Subject Label Identity	APIC_SUBJECT_LABEL_IDENTITY

Delete VRF in APIC

Summary

Delete VRF in APIC.

Description

This task deletes a VRF (private network) from the APIC controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Private Network Name	Select a private network name.	ApicDeviceTenantPrivateNetworkIdentity	Y
Do you want to delete the selected Private Network?			Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the APIC device on which the selected operation was performed	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity

Remove APIC VzAny Contract Interface From VRF

Summary

Remove APIC VzAny Contract Interface From VRF.

Description

This task removes an APIC vzAny contract interface from vzAny.

Inputs

Input	Description	Mappable To Type	Mandatory
Contract Interface	Select a contract interface to be deleted.	APIC_CONTRACT_INTERFACE_IDENTITY	Y
Do you want to delete the selected Contract Interface from vzAny?	Do you want to delete the selected Contract Interface from vzAny?		Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant Name on which the selected operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_PRIVATE_NETWORK	Private Network on which the selected operation was performed	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_CONTRACT_INTERFACE_NAME	Contract Interface Name	gen_text_input
OUTPUT_CONTRACT_INTERFACE_IDENTITY	Contract Interface Identity	APIC_CONTRACT_INTERFACE_IDENTITY

Update APIC vzAny Contract to VRF

Summary

Update APIC vzAny Contract to VRF.

Description

This task update APIC vzAny Contract to VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
Is Provided Contract	Choose enable to update a provided contract or disable to update a consumed contract.	Boolean	
vzAny Contract	Select a vzAny contract.	APIC VRF vzAny Contract Identity	Y
QoS Class	Choose level1 or level2 or level3 as priority level of the quality of service (QoS).	APIC vzAny QoS Class Identity	Y
Contract Match Type	Choose all or atleastOne or atmostOne or none as match criteria for the contract.	APICvzAnyMatchType Identity	Y

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_TENANT_VRF_VZANY_CONTRACT_IDENTITY	APIC VRF vzAny Contract Identity	APIC VRF vzAny Contract Identity
OUTPUT_TENANT_VRF_VZANY_CONTRACT_TYPE_IDENTITY	APIC VRF vzAny Contract type Identity	Boolean

Update vzAny Global Properties

Summary

Update vzAny Global Properties.

Description

This task will allow user to update the current vzAny Global Properties in APIC VRF.

Inputs

Input	Description	Mappable To Type	Mandatory
VRF	select a VRF	ApicDeviceTenantPrivate NetworkIdentity	Y
Match Type	Choose a match type representing the provider label match criteria	APICvzAnyGlobal PropertiesMatchType Identity	
Preferred Group Member	check this option to enable Preferred Group Member.If an EPG is marked as a Preferred Group Member, it is put into an internally created contract group where all members of the group are allowed to communicate with each other without requiring a contract between them The default is Disabled.	Boolean	

Outputs

Output	Description	Type
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivate NetworkIdentity



APIC Container

This chapter contains the following sections:

- [Get L4L7 Parameter Identity, on page 640](#)
- [Get LB Service Parameter Details, on page 641](#)
- [Get Management IP For Device Cluster, on page 642](#)

Get L4L7 Parameter Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Group Name		gen_text_input	
Service Group Binding Folder Name		gen_text_input	
Contract Name		gen_text_input	
Service Graph Name		gen_text_input	

Outputs

Output	Description	Type
L4L7ParameterValueIdentity	L4L7 Parameter Value Identity	ApicTenantL4L7ParameterValues Identity

Get LB Service Parameter Details

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	
Service Name		gen_text_input	

Outputs

Output	Description	Type
EPGIdentity		ApicDeviceTenantEPGIdentity
NodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
lbVIP		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
serviceIPs		gen_text_input

Get Management IP For Device Cluster

Summary

Checks if HA enabled, provides IP selected from IP Pool otherwise gives Virtual IP.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Is LB HA Mode		gen_text_input	
LB HA IP		ipaddress	
Virtual IP		ipaddress	

Outputs

Output	Description	Type
managementIP	Management IP	ipaddress



APIC Tasks

This chapter contains the following sections:

- [Update BM Deployment IP And Status Info, on page 644](#)

Update BM Deployment IP And Status Info

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	
BM NAME		gen_text_input	
BM IP		gen_text_input	

Outputs

Output	Description	Type
Status		gen_text_input



Amazon VM Tasks

This chapter contains the following sections:

- [Amazon VM Power Action, on page 646](#)
- [Attach Volume to EC2 Instance, on page 647](#)
- [Create Amazon EC2 Volume, on page 648](#)
- [Create Amazon EC2 Volume from Snapshot, on page 649](#)
- [Delete Volume, on page 650](#)
- [Detach Volume, on page 651](#)

Amazon VM Power Action

Summary

To perform power action on the Amazon instance.

Description

This task is used to perform the power actions on the Amazon instance like Power On, Off, Reboot, Terminate, Enable/Disable Cloud Watch Monitoring.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Instance	Select the VM on which to perform the action	vm	Y
VM Action	VM Action	amazon_vm_action	Y

Outputs

No Outputs

Attach Volume to EC2 Instance

Summary

Attaches volume to Amazon EC2 Instance.

Description

This task is used to attach Volume to Amazon EC2 Instance, by taking the Volume ID, Instance Name and Device Name as inputs. This adds extra disk space to the amazon instances

Inputs

Input	Description	Mappable To Type	Mandatory
Volume ID	Specify volume which need to be attached	gen_text_input	Y
Select VM	Select the VM for which volume need to be attached	vm	Y
Device Name	Specify the device on the VM. Windows Devices: xvdf through xvdp Linux Devices: /dev/sdf through /dev/sdp	gen_text_input	Y

Outputs

No Outputs

Create Amazon EC2 Volume

Summary

Creates Amazon Volume.

Description

This task is used to create Amazon EC2 Volume, by taking the Volume size as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Amazon Cloud	Select name of the Amazon EC2 Cloud in this system		Y
EC2 Availability Zone	Specify EC2 Availability zone such as us-east-1a		Y
Select Volume Size (GB)	Select the Volume Size	ec2VolumeSize	Y

Outputs

Output	Description	Type
VOLUME_ID	Id of the Volume	gen_text_input

Create Amazon EC2 Volume from Snapshot

Summary

Creates Amazon Volume from Snapshot.

Description

This task is used to create Amazon EC2 Volume, by taking the Snapshot name as input. Here the created volume size is same as snapshot size. This task gives volume ID as output.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Amazon Cloud	Select name of the Amazon EC2 Cloud in this system		Y
Select Snapshot Name	Specify name of the Snapshot in Amazon Cloud from which Volume should be created	gen_text_input	Y

Outputs

Output	Description	Type
VOLUME_ID	Id of the Volume	gen_text_input

Delete Volume

Summary

Deletes Amazon EC2 Volume.

Description

This task is used to delete Amazon EC2 Volume, by taking the Volume ID as input.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Amazon Cloud	Select name of the Amazon EC2 Cloud in this system	ec2Cloud	Y
Volume ID	Specify volume which need to be deleted	gen_text_input	Y

Outputs

No Outputs

Detach Volume

Summary

Detaches volume from Amazon EC2 Instance.

Description

This task is used to attach Volume to Amazon EC2 Instance, by taking the Volume ID, Instance Name and Device Name as inputs. This adds extra disk space to the amazon instances

Inputs

Input	Description	Mappable To Type	Mandatory
Select Amazon Cloud	Select name of the Amazon EC2 Cloud in this system	ec2Cloud	Y
Volume ID	Specify volume which need to be detached	gen_text_input	Y

Outputs

No Outputs



Bare Metal Tasks

This chapter contains the following sections:

- [Add Bare Metal Cost Model, on page 654](#)
- [Add Bare Metal Server Provisioning Policy, on page 655](#)
- [BM Provisioning Notification, on page 657](#)
- [Bare Metal Provisioning Wrapper, on page 658](#)
- [Clone Bare Metal Catalog, on page 660](#)
- [Clone Bare Metal Cost Model, on page 661](#)
- [Clone Bare Metal Server Provisioning Policy, on page 663](#)
- [Create Bare Metal Catalog, on page 665](#)
- [Delete Bare Metal Cost Model, on page 666](#)
- [Delete Bare Metal Server Provisioning Policy, on page 667](#)
- [Modify Bare Metal Catalog, on page 668](#)
- [Modify Bare Metal Cost Model, on page 669](#)
- [Modify Bare Metal Server Provisioning Policy, on page 670](#)

Add Bare Metal Cost Model

Summary

Create a cost model for a Bare Metal provisioning policy.

Description

This task takes the Cost Parameter inputs and creates a Cost Model that can be associated to a Bare Metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model Name	Enter the bare metal cost model name	gen_text_input	Y
Cost Model Description	Enter the bare metal cost model description	gen_text_input	
Charge Duration	Choose the charge duration	CostModelChargeDurationIdentity	
Fixed Costs(Currency: USD)	Fixed Costs(Currency: USD)		
One Time Cost	Enter a one time cost such as setup fee	gen_text_input	
CPU Costs(Currency: USD)	CPU Costs(Currency: USD)		
CPU Charge Unit	Choose the CPU charge unit	CostModelcpuChargeUnitIdentity	
CPU Cost	Enter the CPU cost	gen_text_input	
CPU Core Cost	Enter the CPU core cost	gen_text_input	
Memory Costs(Unit: GB, Currency: USD)	Memory Costs(Unit: GB, Currency: USD)		
Memory Cost	Enter the memory cost	gen_text_input	
Used Memory Cost	Enter the used memory cost	gen_text_input	
Storage Costs(Unit: GB, Currency: USD)	Storage Costs(Unit: GB, Currency: USD)		
Storage Cost	Enter the storage cost	gen_text_input	
Blade Costs(Currency: USD)	Blade Costs(Currency: USD)		
Full Width Blade Cost	Enter the full width blade cost	gen_text_input	
Half Width Blade Cost	Enter the half width blade cost	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_COSTMODEL_NAME	Bare Metal Cost Model Name	gen_text_input
OUTPUT_BM_COSTMODEL_ID	Bare Metal Cost Model ID	gen_text_input

Add Bare Metal Server Provisioning Policy

Summary

Create a bare metal server provisioning policy.

Description

This task creates a bare metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the bare metal server provisioning policy name	gen_text_input	Y
Description	Enter the bare metal server provisioning policy description	gen_text_input	
Account Type	Choose the account type	gen_text_input	Y
Account Name	Choose the account name	gen_text_input	Y
Server Selection Scope	Choose server or server pool for server selection scope	gen_text_input	
Server Pools	Choose one or more servers	gen_text_input	Y
Servers	Choose one or more server pools	gen_text_input	Y
Service Profile Template	Choose the service profile template name from which to create service profiles	gen_text_input	Y
Use for SAN Boot	Check this option to include only servers which contain at least one FCoE capable interface card (if required)	Boolean	
Minimum Number of CPUs	Enter the minimum number of CPUs the server should contain (if required)	gen_text_input	
Minimum Amount of Memory(MB)	Enter the minimum memory the server should contain (if required)		
Minimum Number of Cores Enabled	Enter the minimum enabled cores the server should contain (if required)	gen_text_input	
Allow User To Choose Servers	Check to allow the user to choose the server	Boolean	
Options to show server resources to user	Check to show server resource information to the user	gen_text_input	
Target BMA	Choose the bare metal agent for PXE setup	gen_text_input	
Use Windows Images	Select to list the available Windows images in the selected bare metal agent	Boolean	
OS Image Selection	Choose one or more OS images	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the boot manager to be used: PXE or iPXE	gen_text_input	
IP configuration type	Choose the type of IP configuration	gen_text_input	
Domain Mapping	Choose Domain Mapping		
Network Management	Network Management		
Use Static IP Pool Policy	Check to use a static IP pool policy	Boolean	
Server IP Address	Enter one or more IP addresses. Separate the addresses with commas or provide IP address ranges using hyphens. For example: 192.168.0.1-192.168.0.255, 192.168.1.20	gen_text_input	Y
Server Netmask	Enter the server netmask	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
System Parameters	System Parameters		
Server Host Name	Enter the server host name	gen_text_input	Y
Host Name Validation Policy	Choose the host name validation policy	gen_text_input	
Password	Enter the password	gen_text_input	Y
Confirm Password	Enter the password again to confirm	gen_text_input	Y
Timezone	Choose the time zone	gen_text_input	Y
OS Flavor Name	Enter the OS flavor name	gen_text_input	Y
Organization Name	Enter the organization name	gen_text_input	Y
Product Key	Choose the product key for Windows	gen_text_input	Y
Disk Partition Size (GB)	Enter the disk partition size in GB	gen_text_input	Y
Polices	Polices		
Cost Model	Choose the bare metal cost model	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_PROVISIONING_POLICY_NAME	Bare metal server provisioning policy name created by admin	gen_text_input
OUTPUT_BM_PROVISIONING_POLICY_ID	Bare metal server provisioning policy id created by admin	gen_text_input

BM Provisioning Notification

Summary

Send notification emails with the results of BM Provisioning

Description

This task sends the results of Bare metal (BM) server provisioning operation. The task uses email templates that are configured for this operation (or the default templates, if no templates are specified). This task sends two email messages, one with the result of the BM provisioning operation, and another with the technical details of the BM server that was provisioned.

Inputs

Input	Description	Mappable To Type	Mandatory
Support contact email	Enter a support contact email to which technical notifications should be sent	gen_text_input	
Configure Email template for BM Provisioning completion	Check to configure the email template for bare metal provisioning completion. If no template is configured here, the default email template "BM Provisioning Completion" is used.	gen_text_input	
Email template for BM Provisioning completion	Choose a email template for BM Provisioning completion	gen_text_input	
Configure Email template for BM Provisioning Technical Info	Check to configure email template for BM provisioning technical information. If no template is configured here, the default email template "BM Technical Information" is used.	gen_text_input	
Email template for BM Provisioning Technical Info	Choose an email template for BM provisioning technical info	gen_text_input	

Outputs

No Outputs

Bare Metal Provisioning Wrapper

Summary

Provide output data needed for bare metal workflows.

Description

This task takes a Bare Metal Server Provisioning Policy ID as input and provides output data needed for bare metal server provisioning workflows. By default this task takes the policy ID implicitly from the bare metal catalog used for the service request. Optionally, you can choose a bare metal server provisioning policy in the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Specify Bare Metal Server Provisioning Policy	Check to choose the bare metal server provisioning policy explicitly in this task. Otherwise, the policy in the bare metal catalog is used.		
Bare Metal Server Provisioning Policy	Choose Bare Metal Server Provisioning Policy	bmServer ProvisioningPolicy	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_TYPE	Type of the Account on which the selected operation was performed	physicalAccountTypes
OUTPUT_UCS_CENTRAL_IDENTITY	UCS Central Identity on which the selected operation was performed	ucsCentralIdentity
OUTPUT_UCSM_ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
OUTPUT_UCSM_ACCOUNT_IDENTITY	Name of the Account on which the selected operation was performed	ucsAccountIdentity
OUTPUT_UCS_ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
OUTPUT_UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
OUTPUT_UCSM_SERVER	UCSM Server Selector	ucsServerIdentity
OUTPUT_UCS_CENTRAL_SERVER	UCS Central Server Selector	ucsCentralServerIdentity
OUTPUT_UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input

Output	Description	Type
OUTPUT_UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
OUTPUT_BMA	BMA for PXE setup	gen_text_input
OUTPUT_OS_TYPE	Operating system for PXE boot	gen_text_input
OUTPUT_BM_CPU_COUNT	Minimum number of CPUs the server should contain	gen_text_input
OUTPUT_BM_MEMORY_GB	Minimum memory the server should contain	gen_text_input
OUTPUT_BM_ENABLED_CORES_COUNT	Minimum enabled cores the server should contain	gen_text_input
OUTPUT_IP_CONFIG_TYPE	IP Configuration Type	IPConfigType
OUTPUT_NETWORK_BOOT_MANAGER	Network Boot Manager	NetworkBootManagerList
OUTPUT_SERVER_HOST_NAME	Server host name	gen_text_input
OUTPUT_SERVER_TIME_ZONE	Server timezone	gen_text_input
OUTPUT_SERVER_IP_ADDRESS	Server IP Address	gen_text_input
OUTPUT_SERVER_NET_MASK	Server Network Mask	gen_text_input
OUTPUT_SERVER_GATEWAY	Server Gateway	gen_text_input
OUTPUT_NAME_SERVER	Name Server	gen_text_input
OUTPUT_MANAGEMENT_VLAN	Management VLAN	gen_text_input
OUTPUT_SERVER_PASSWORD	Server Password	password
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BM_WINDOWS_LICENSE_POOL	Windows License Pool	baremetal_windows_license_pool
OUTPUT_ORGANIZATION_NAME	Organization Name	gen_text_input
OUTPUT_OS_FLAVOR_NAME	OS Flavor Name	gen_text_input
OUTPUT_DISK_PARTITION_SIZE_GB	Disk Partition Size (GB)	gen_text_input

Clone Bare Metal Catalog

Summary

Clone a bare metal catalog.

Description

This task clones a bare metal catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Select a catalog to clone	Choose a bare metal catalog to clone	BareMetalCatalog	Y
Catalog Name	Enter the catalog name	gen_text_input	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	gen_text_input	Y
Catalog Icon	Choose the catalog icon	BareMetalCatalogIcon	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to Enduser	Check to publish the catalog to end users	Boolean	Y
Bare Metal Server Provisioning Policy	Choose the bare metal server provisioning policy	bmServerProvisioning Policy	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Bare Metal Workflow Selection	Bare Metal Workflow Selection		
Workflow	Choose the bare metal server provisioning workflow	workflowSelector	Y

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	BareMetalCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

Clone Bare Metal Cost Model

Summary

Clone a Cost Model from a Bare Metal Provisioning Policy.

Description

This task clones a cost model instance associated with a Bare Metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cost Model to clone	Select a bare metal cost model to clone	gen_text_input	Y
Cost Model Name	Enter the bare metal cost model name	gen_text_input	Y
Cost Model Description	Enter the bare metal cost model description	gen_text_input	
Charge Duration	Choose the charge duration	CostModelChargeDurationIdentity	
Fixed Costs(Currency: USD)	Fixed Costs(Currency: USD)		
One Time Cost	Enter a one time cost such as setup fee	gen_text_input	
CPU Costs(Currency: USD)	Choose the CPU costs currency. Default is USD.		
CPU Charge Unit	Choose the CPU charge unit	CostModelcpuChargeUnitIdentity	
CPU Cost	Enter the CPU cost	gen_text_input	
CPU Core Cost	Enter the CPU core cost	gen_text_input	
Memory Costs(Unit: GB, Currency: USD)	Memory Costs(Unit: GB, Currency: USD)		
Memory Cost	Enter the memory cost	gen_text_input	
Used Memory Cost	Enter the used memory cost	gen_text_input	
Storage Costs(Unit: GB, Currency: USD)	Storage Costs(Unit: GB, Currency: USD)		
Storage Cost	Enter the storage cost	gen_text_input	
Blade Costs(Currency: USD)	Blade Costs(Currency: USD)		
Full Width Blade Cost	Enter the full width blade cost	gen_text_input	
Half Width Blade Cost	Enter the half width blade cost	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_COSTMODEL_NAME	Bare Metal Cost Model Name	gen_text_input
OUTPUT_BM_COSTMODEL_ID	Bare Metal Cost Model ID	gen_text_input

Clone Bare Metal Server Provisioning Policy

Summary

Clone a bare metal server provisioning policy.

Description

This task clones a bare metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy to clone	Choose a bare metal server provisioning policy to clone	gen_text_input	Y
Policy Name	Enter the bare metal server provisioning policy name	gen_text_input	Y
Description	Enter the bare metal server provisioning policy description	gen_text_input	
Account Type	Choose the account type	gen_text_input	Y
Account Name	Choose the account name	gen_text_input	Y
Server Selection Scope	Choose server or server pool for server selection scope	gen_text_input	
Server Pools	Choose one or more servers	gen_text_input	Y
Servers	Choose one or more server pools	gen_text_input	Y
Service Profile Template	Choose the service profile template name from which to create service profiles	gen_text_input	Y
Use for SAN Boot	Check this option to include only servers which contain at least one FCoE capable interface card (if required)	Boolean	
Minimum Number of CPUs	Enter the minimum number of CPUs the server should contain (if required)	gen_text_input	
Minimum Amount of Memory(MB)	Enter the minimum memory the server should contain (if required)		
Minimum Number of Cores Enabled	Enter the minimum enabled cores the server should contain (if required)	gen_text_input	
Allow User To Choose Servers	Check to allow the user to choose the server	Boolean	
Options to show server resources to user	Check to show server resource information to user	gen_text_input	
Target BMA	Choose the bare metal agent for PXE setup	gen_text_input	
Use Windows Images	Select to list the available Windows images in the selected bare metal agent	Boolean	

Input	Description	Mappable To Type	Mandatory
OS Image Selection	Choose one or more OS images	gen_text_input	Y
Network Boot Manager	Choose the boot manager to be used: PXE or iPXE	gen_text_input	
IP configuration type	Choose the type of IP configuration	gen_text_input	
Domain Mapping	Choose Domain Mapping		
Network Management	Network Management		
Use Static IP Pool Policy	Check to use a static IP pool policy	Boolean	
Server IP Address	Enter one or more IP addresses. Separate the addresses with commas or provide IP address ranges using hyphens. For example: 192.168.0.1-192.168.0.255, 192.168.1.20	gen_text_input	Y
Server Netmask	Enter the server netmask	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
System Parameters	System Parameters		
Server Host Name	Enter the server host name	gen_text_input	Y
Host Name Validation Policy	Choose the host name validation policy	gen_text_input	
Password	Enter the password	gen_text_input	Y
Confirm Password	Enter the password again to confirm	gen_text_input	Y
Timezone	Choose the time zone	gen_text_input	Y
OS Flavor Name	Enter the OS flavor name	gen_text_input	Y
Organization Name	Enter the organization name	gen_text_input	Y
Product Key	Choose the product key for Windows	gen_text_input	Y
Disk Partition Size (GB)	Enter the disk partition size in GB	gen_text_input	Y
Polices	Polices		
Cost Model	Choose the bare metal cost model	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_PROVISIONING_POLICY_NAME	Bare metal server provisioning policy name created by admin	gen_text_input
OUTPUT_BM_PROVISIONING_POLICY_ID	Bare metal server provisioning policy id created by admin	gen_text_input

Create Bare Metal Catalog

Summary

Create a bare metal catalog.

Description

This task creates a new bare metal catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Catalog Name	Enter the catalog name	gen_text_input	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	BareMetalCatalogIcon	Y
Catalog Icon	Choose the catalog icon	gen_text_input	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to Enduser	Check to publish the catalog to end users	Boolean	Y
Bare Metal Server Provisioning Policy	Choose the bare metal server provisioning policy	bmServerProvisioning Policy	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Bare Metal Workflow Selection	Bare Metal Workflow Selection		
Workflow	Choose the bare metal server provisioning workflow	workflowSelector	Y

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	BareMetalCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

Delete Bare Metal Cost Model

Summary

Delete a Cost Model from a Bare Metal Provisioning Policy.

Description

This task deletes a cost model instance associated with a Bare Metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model List	Choose a bare metal cost model to delete	gen_text_input	Y

Outputs

No Outputs

Delete Bare Metal Server Provisioning Policy

Summary

Delete a bare metal server provisioning policy.

Description

This task deletes a bare metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Choose a bare metal server provisioning policy to delete	gen_text_input	Y

Outputs

No Outputs

Modify Bare Metal Catalog

Summary

Modify a bare metal catalog.

Description

This task modifies an existing bare metal catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Select a catalog to modify	Choose a bare metal catalog to modify	BareMetalCatalog	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	gen_text_input	Y
Catalog Icon	Choose the catalog icon	BareMetalCatalogIcon	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to Enduser	Check to publish the catalog to end users	Boolean	Y
Bare Metal Server Provisioning Policy	Choose the bare metal server provisioning policy	bmServerProvisioningPolicy	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Bare Metal Workflow Selection	Bare Metal Workflow Selection		
Workflow	Choose the bare metal server provisioning workflow	workflowSelector	Y

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	BareMetalCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

Modify Bare Metal Cost Model

Summary

Modify a Cost Model for a Bare Metal Provisioning Policy.

Description

This task modifies a cost model instance associated with a Bare Metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model Name	Enter the bare metal cost model name	gen_text_input	Y
Cost Model Description	Enter the bare metal cost model description	gen_text_input	
Charge Duration	Choose the charge duration	CostModelChargeDurationIdentity	
Fixed Costs(Currency: USD)	Fixed Costs(Currency: USD)		
One Time Cost	Enter a one time cost such as setup fee	gen_text_input	
CPU Costs(Currency: USD)	Choose the CPU costs currency. Default is USD.		
CPU Charge Unit	Choose the CPU charge unit	CostModelcpuChargeUnitIdentity	
CPU Cost	Enter the CPU cost	gen_text_input	
CPU Core Cost	Enter the CPU core cost	gen_text_input	
Memory Costs(Unit: GB, Currency: USD)	Memory Costs(Unit: GB, Currency: USD)		
Memory Cost	Enter the memory cost	gen_text_input	
Used Memory Cost	Enter the used memory cost	gen_text_input	
Storage Costs(Unit: GB, Currency: USD)	Storage Costs(Unit: GB, Currency: USD)		
Storage Cost	Enter the storage cost	gen_text_input	
Blade Costs(Currency: USD)	Blade Costs(Currency: USD)		
Full Width Blade Cost	Enter the full width blade cost	gen_text_input	
Half Width Blade Cost	Enter the half width blade cost	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_COSTMODEL_NAME	Bare Metal Cost Model Name	gen_text_input
OUTPUT_BM_COSTMODEL_ID	Bare Metal Cost Model ID	gen_text_input

Modify Bare Metal Server Provisioning Policy

Summary

Modify a bare metal server provisioning policy.

Description

This task modifies a bare metal server provisioning policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the bare metal server provisioning policy name	gen_text_input	Y
Description	Enter the bare metal server provisioning policy description	gen_text_input	
Account Type	Choose the account type	gen_text_input	Y
Account Name	Choose the account name	gen_text_input	Y
Server Selection Scope	Choose server or server pool for server selection scope	gen_text_input	
Server Pools	Choose one or more servers	gen_text_input	Y
Servers	Choose one or more server pools	gen_text_input	Y
Service Profile Template	Choose the service profile template name from which to create service profiles	gen_text_input	Y
Use for SAN Boot	Check this option to include only servers which contain at least one FCoE capable interface card (if required)	Boolean	
Minimum Number of CPUs	Enter the minimum number of CPUs the server should contain (if required)	gen_text_input	
Minimum Amount of Memory(MB)	Enter the minimum memory the server should contain (if required)		
Minimum Number of Cores Enabled	Enter the minimum enabled cores the server should contain (if required)	gen_text_input	
Allow User To Choose Servers	Check to allow the user to choose the server	Boolean	
Options to show server resources to user	Check to show server resource information to user	gen_text_input	
Target BMA	Choose the bare metal agent for PXE setup	gen_text_input	
Use Windows Images	Select to list the available Windows images in the selected bare metal agent	Boolean	
OS Image Selection	Choose one or more OS images	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the boot manager to be used: PXE or iPXE	gen_text_input	
IP configuration type	Choose the type of IP configuration	gen_text_input	
Domain Mapping	Choose Domain Mapping		
Network Management	Network Management		
Use Static IP Pool Policy	Check to use static IP pool policy	Boolean	
Server IP Address	Enter one or more IP addresses. Separate the addresses with commas or provide IP address ranges using hyphens. For example: 192.168.0.1-192.168.0.255, 192.168.1.20	gen_text_input	Y
Server Netmask	Enter the server netmask	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
System Parameters	System Parameters		
Server Host Name	Enter the server host name	gen_text_input	Y
Host Name Validation Policy	Choose the host name validation policy	gen_text_input	
Password	Enter the password	gen_text_input	Y
Confirm Password	Enter the password again to confirm	gen_text_input	Y
Timezone	Choose the time zone	gen_text_input	Y
OS Flavor Name	Enter the OS flavor name	gen_text_input	Y
Organization Name	Enter the organization name	gen_text_input	Y
Product Key	Choose the product key for Windows	gen_text_input	Y
Disk Partition Size (GB)	Enter the disk partition size in GB	gen_text_input	Y
Policies	Policies		
Cost Model	Choose the bare metal cost model	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BM_PROVISIONING_POLICY_NAME	Bare metal server provisioning policy name created by admin	gen_text_input
OUTPUT_BM_PROVISIONING_POLICY_ID	Bare metal server provisioning policy id created by admin	gen_text_input



Brocade Network Tasks

This chapter contains the following sections:

- [Brocade Assign Port to Port Channel, on page 674](#)
- [Brocade Copy Running To Startup Configuration, on page 675](#)
- [Brocade Switch Port Action, on page 676](#)
- [Configure Brocade Trunk, on page 677](#)
- [Configure SAN Zoning, on page 678](#)
- [Create Brocade Port Channel, on page 682](#)
- [Create Brocade VLAN, on page 683](#)
- [Delete Brocade Port Channel, on page 684](#)
- [Delete Brocade VLAN, on page 685](#)
- [Generic Configure SAN Zoning, on page 686](#)
- [Update Brocade Trunk, on page 690](#)

Brocade Assign Port to Port Channel

Summary

Assign a Brocade NOS switch Ethernet port to a port channel.

Description

This task makes an Ethernet port a member of a port channel on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Port Channel	Select Port Channel	InfraNetworkBrocadePortChannelIdentity	Y
Select Port	Choose a port to be assigned to the port channel. For example: TenGigabitEthernet 1/0/20, FortyGigabitEthernet 1/0/52.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocadeNOSDeviceIdentity
OUTPUT_NET_DEVICE_BROCADE_PORT_CHANNEL_IDENTITY	Identity for Brocade port channel.	InfraNetworkBrocadePortChannelIdentity

Brocade Copy Running To Startup Configuration

Summary

Copy a running configuration to a startup configuration.

Description

This task copies the running configuration of a Brocade Network OS (NOS) device to the startup configuration. Making this task the last task of a network configuration workflow makes the changes permanent to the device flash.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a Brocade device	InfraNetworkBrocadeNOSDevice Identity	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocade NOSDeviceIdentity

Brocade Switch Port Action

Summary

Configure a switch port to UP or DOWN on a Brocade NOS device.

Description

This task configures the administrative UP or DOWN state on a switch port on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Switch Port	Select the switch port to act on	InfraNetwork BrocadeInterface Identity	Y
Switch Port Action	Choose the switch port action type: Up or Down. If this field is left blank, the default value is used.		Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocade NOSDeviceIdentity
OUTPUT_NET_DEVICE_BROCADE_INTERFACE_IDENTITY	Identity for Brocade interface.	InfraNetworkBrocade InterfaceIdentity

Configure Brocade Trunk

Summary

Configure a trunk on an Ethernet or port channel interface.

Description

This task configures a trunk on an ethernet or port channel interface on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a Brocade device	InfraNetwork BrocadeNOSDevice Identity	Y
Select Port	Choose a port to configure the trunk For example: TenGigabitEthernet 1/0/20, Forty GigabitEthernet 1/0/52, port-channel 25.	gen_text_input	Y
Native VLAN ID	Select a native VLAN ID	vlanID	
Allowed VLANs	Provide one or more VLANs between 0 and 4094, separated with commas, to be allowed in trunk mode.	gen_text_input	Y
Type	Choose any of the listed port types for spanning tree protocol: edgeport, autoedge or portfast. If not specified, the value defaults to edgeport.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

No Outputs

Configure SAN Zoning

Summary

Configure SAN zones and associate zones with zonesets.

Description

This task configures zones with UCS vHBA and NetApp Fiber Channel adapters as members and then associate the zones with the active zoneset. If there is no active zoneset available on the switch, the task creates a new zoneset and activates it.

Inputs

Input	Description	Mappable To Type	Mandatory
Activate Zone Set	Check this option to activate the zone set after creation. By default, this field is checked.		
Commit Zone	Check this option to commit the SAN zone after creation. By default, this field is unchecked.		
Server Account Type	Choose the server type, UCS or CIMC. The default is UCS.	gen_text_input	
Service Profile	Select a service profile.	ucsServiceProfile Identity	Y
CIMC Server	Select a CIMC server.	cimcServer Identity	Y
Select vHBA	Choose a vHBA for fabric-A configuration. For example: fabric_A [10:20:ab:d3:78:h6:8k:99].	gen_text_input	Y
Device Alias Fab A v HBA	Enter a device alias name for the vHBA. If the selected vHBA and WWPN exist on the device, then the device alias is not created.	gen_text_input	
VLAN ID	Enter the VLAN ID associated with the selected vHBA. Valid range is 2 to 4094.	vlanID	
VSAN ID	Provide a VSAN ID associated with the selected vHBA. Valid range is 2 to 4094.	gen_text_input	
Zone Name	Enter a zone A name.	gen_text_input	
NetApp Account Name (Primary)	Choose a primary NetApp account for fabric A configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Primary)	Choose a primary NetApp fiber channel adapter for fabric A configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	gen_text_input	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapters are available.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Configure Secondary Head	Check this option to configure a secondary head. Default value is unchecked.		
NetApp Account Name (Secondary)	Choose a secondary NetApp account for fabric A configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Secondary)	Choose a primary NetApp fiber channel adapter for fabric A configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	gen_text_input	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapter is available.	gen_text_input	
Select Device	Select device for Fabric A configuration	gen_text_input	Y
Select Source Port	Choose a source port to which the server is connected. For example: ethernet1/1 or gigabitethernet2/4.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN to map the VLAN. Valid range is 2 to 4094.	gen_text_input	Y
Configure Fabric B	Check this option to configure zones for fabric B. By default, this field is unchecked.		
Select vHBA	Choose a vHBA for fabric B configuration.	gen_text_input	Y
Device Alias Fab B v HBA	Provide a device alias name for the fabric B v HBA. If the provided vHBA and WWPN exist in the device, the device alias is not created.	gen_text_input	
VLAN ID	Provide the VLAN ID associated with the selected vHBA. Valid range is 2 to 4094.	vlanID	
VSAN ID	Provide the VSAN ID associated with the selected vHBA. Valid range is 2 to 4094.	gen_text_input	
Zone Name	Enter the zone B name.	gen_text_input	
NetApp Account Name (Primary)	Choose a primary NetApp account for fabric B configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Primary)	Choose a primary NetApp fiber channel adapter for fabric B configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	ClusterFiler Identity	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapter is available.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Configure Secondary Head	Check this option to configure a secondary head. Default value is unchecked.		
NetApp Account Name (Secondary)	Choose a secondary NetApp account for fabric B configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Secondary)	Choose a secondary NetApp fiber channel adapter for fabric B configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	ClusterFiler Identity	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as a prefix if multiple FC adapters are available.	gen_text_input	
Select Device	Select a networking device for fabric B configuration in the format datacenter@device_ip. For example: test Pod@10.23.210.20.	gen_text_input	Y
Select Source Port	Choose a source port to which the server is connected. For example: ethernet1/1 or gigabitethernet2/4.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN to map the VLAN. Valid range is 2 to 4094.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
FABRIC_A_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric A	gen_text_input
FABRIC_A_ZONE_NAME	Name of the zone that was created for fabric A	gen_text_input
FABRIC_A_DEVICE_IP	Switch IP Address (Fabric A)	networking_device
FABRIC_A_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
SAN_ZONE_A_IDENTITY	Identity for SAN Zone A	gen_text_input
FABRIC_A_VDC_NAME	VDC Name (Fabric A)	nxosVDCIdentity
FABRIC_B_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric B	gen_text_input
FABRIC_B_ZONE_NAME	Name of the zone that was created for fabric B	gen_text_input

Output	Description	Type
FABRIC_B_DEVICE_IP	Switch IP Address (Fabric B)	networking_device
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
FABRIC_B_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
SAN_ZONE_B_IDENTITY	Identity for SAN Zone B	gen_text_input
FABRIC_B_VDC_NAME	VDC Name (Fabric B)	nxosVDCIdentity

Create Brocade Port Channel

Summary

Create a port channel on a Brocade NOS switch.

Description

This task creates and adds a description to a port channel on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	InfraNetworkBrocade NOSDeviceIdentity	Y
Port Channel Number	Provide a port channel number within the range 1 to 6144.	gen_text_input	Y
Description	Provide a description for the port channel	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_CHANNEL_ID	Port channel number	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocade NOSDeviceIdentity
OUTPUT_NET_DEVICE_BROCADE_PORT_CHANNEL_IDENTITY	Identity for Brocade port channel.	InfraNetworkBrocadePort ChannelIdentity

Create Brocade VLAN

Summary

Create a VLAN on a Brocade NOS device.

Description

This task creates a Virtual Local Area Network (VLAN) on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a Brocade device	InfraNetworkBrocade NOSDeviceIdentity	Y
VLAN ID	Provide a VLAN ID between 1 and 3583	vlanID	Y
VLAN Description	Provide a VLAN description	gen_text_input	
No Shutdown	Check this option to disable shutdown. By default, this field is unchecked.	Boolean	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
VLAN_NAME	VLAN Name on which the selected operation was performed	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocade NOSDeviceIdentity
OUTPUT_DEVICE_BROCADE_VLAN_IDENTITY	Identity for Brocade VLAN	InfraNetworkBrocade VLANIdentity

Delete Brocade Port Channel

Summary

Delete a port channel on a Brocade NOS device.

Description

This task deletes a port channel on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Port Channel	Select Port Channel	InfraNetworkBrocadePortChannelIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_CHANNEL_ID	Port channel number	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocadeNOSDeviceIdentity
OUTPUT_NET_DEVICE_BROCADE_PORT_CHANNEL_IDENTITY	Identity for Brocade port channel.	InfraNetworkBrocadePortChannelIdentity

Delete Brocade VLAN

Summary

Delete a VLAN on a Brocade NOS device.

Description

This task deletes a virtual LAN (VLAN) on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Select a Brocade VLAN to be deleted	InfraNetworkBrocadeVLANIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_BROCADE_NOS_DEVICE_IDENTITY	Identity for Brocade NOS device.	InfraNetworkBrocadeNOSDeviceIdentity
OUTPUT_DEVICE_BROCADE_VLAN_IDENTITY	Identity for Brocade VLAN	InfraNetworkBrocadeVLANIdentity

Generic Configure SAN Zoning

Summary

Configure SAN zoning on a UCS CIMC or Nexus device.

Description

This task creates generic SAN zoning on a compute or network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Type	Choose a service profile type for SAN zoning		
Service Profile	Choose a service profile	ucsServiceProfile Identity	Y
Global Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
CIMC Server	Choose a CIMC server IP	cimcServerIdentity	Y
Configure One to One zones	Check this to configure one to one zones		
Activate Zone Set	Check this to activate the zone set after creation		
Commit Zone	Check this to commit the zone set after creation		
Device Alias	Check this to enable device alias		
Prefer SmartZoning if device supports	Check this to enable smart zoning		
Select vHBA	Choose the vHBA for fabric A in this format: xx:xx:xx:xx:xx:xx:xx:xx. For example: 20:00:00:25:B5:00:0A:1F.	gen_text_input	Y
Device Alias Fab A v HBA	Enter a device alias name for the vHBA - fabric A	gen_text_input	
VSAN ID	This is a non-editable field. It displays the VSAN associated with the vHBA.	gen_text_input	
Zone Name	Enter the zone name for configuration of fabric A	gen_text_input	
Storage Account Type	Choose a storage account type: NetApp, ONTAP/EMC VNX, Block/EMC VNX, Unified/EMC, VNXe/EMC, VMAX/EMC, XtremIO/EMC, VPLEX/IBM Storwize, V7000 Unified/IBM storage Array/IBM	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	Storwize V7000/IBM SAN Volume controller. By default no account type is selected.		
Storage Account Name (Primary)	Choose a primary storage account name for fabric A	gen_text_input	
Storage FC Adapter (Primary)	Select a primary storage FC adapter for fabric A	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for the primary FC adapter. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Configure Secondary Head	Check this to configure secondary head for fabric A. By default this field is unchecked.		
Storage Account Name (Secondary)	Choose a secondary storage account name for fabric A	gen_text_input	
Storage FC Adapter (Secondary)	Select a secondary storage FC adapter for fabric A	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for secondary FC adapter for fabric A. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Secondary Zone Name	Enter the secondary zone name to configure for fabric A	gen_text_input	
Select Device	Select device for Fabric A configuration	infraNetCiscoSan DeviceIdentity	Y
Select Source Port	Choose the source port for fabric A.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN ID for fabric A between 2 and 4093	gen_text_input	Y
Configure Fabric B	Check this to configure fabric B. By default this field is unchecked.	Boolean	
Select vHBA	Choose the vHBA for fabric A in this format: xx:xx:xx:xx:xx:xx:xx:xx. For example: 20:00:00:25:B5:00:0A:1F.	gen_text_input	Y
Device Alias Fab B v HBA	Enter the device alias name for the vHBA - fabric B	gen_text_input	
VSAN ID	This is a non-editable field. It displays the VSAN associated with the vHBA - fabric B.	gen_text_input	
Zone Name	Enter the zone name for configuring fabric B	gen_text_input	
Storage Account Type	Choose a storage account type for fabric B: NetApp, ONTAP/EMC VNX, Block/EMC	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	VNX, Unified/EMC, VNXe/EMC, VMAX/EMC, XtremIO/EMC, VPLEX/IBM Storwize, V7000 Unified/IBM storage Array/IBM Storwize V7000/IBM SAN Volume controller. By default none is selected.		
Storage Account Name (Primary)	Choose a primary storage account name for fabric B	gen_text_input	
Storage FC Adapter (Primary)	Select a primary storage FC adapter for fabric B	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for the primary FC adapter for fabric B. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Configure Secondary Head	Check this to configure the secondary head of fabric B. By default this field is unchecked.		
Storage Account Name (Secondary)	Choose a secondary storage account name for fabric B	gen_text_input	Y
Storage FC Adapter (Secondary)	Select a secondary storage FC adapter for fabric B	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for secondary FC adapter for fabric B. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Zone Name	Enter the secondary zone name to configure for the fabric B	gen_text_input	
Select Device	Select device for Fabric B configuration	infraNetCiscoSan DeviceIdentity	Y
Select Source Port	Select the source port for fabric B	gen_text_input	Y
Select Mapping VSAN	Select a VSAN ID for fabric B between 2 and 4093	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
FABRIC_A_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric A	gen_text_input

Output	Description	Type
OUTPUT_FAB_A_ZONE_1_NAME	Name of the zone1 that was created for fabric A	gen_text_input
OUTPUT_FAB_A_ZONE_2_NAME	Name of the zone2 that was created for fabric A	gen_text_input
FABRIC_A_DEVICE_IP	Switch IP Address (Fabric A)	networking_device
FABRIC_A_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
OUTPUT_FAB_A_ZONE_1_IDENTITY	Identity for SAN Zone 1 created for fabric A	gen_text_input
OUTPUT_FAB_A_ZONE_2_IDENTITY	Identity for SAN Zone 2 created for fabric A	gen_text_input
FABRIC_B_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_1_NAME	Name of the zone1 that was created for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_2_NAME	Name of the zone2 that was created for fabric B	gen_text_input
FABRIC_B_DEVICE_IP	Switch IP Address (Fabric B)	networking_device
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
FABRIC_B_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
OUTPUT_FAB_B_ZONE_1_IDENTITY	Identity for SAN Zone 1 created for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_2_IDENTITY	Identity for SAN Zone 2 created for fabric B	gen_text_input
OUTPUT_FAB_A_PRIMARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 1 created for fabric A	gen_text_input
OUTPUT_FAB_A_SECONDARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 2 created for fabric A	gen_text_input
OUTPUT_FAB_B_PRIMARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 1 created for fabric B	gen_text_input
OUTPUT_FAB_B_SECONDARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 2 created for fabric B	gen_text_input
FABRIC_B_VDC_NAME	VDC Name (Fabric B)	nxosVDCIdentity

Update Brocade Trunk

Summary

Add or remove allowed VLAN(s) on a trunk.

Description

This task edits which VLANs are allowed on a trunk on a Brocade Network OS (NOS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a Brocade device	InfraNetwork BrocadeNOSDevice Identity	Y
Select Port	Provide one or more ports, separated with commas, to configure the trunk. For example: TenGigabitEthernet 1/0/28, TenGigabitEthernet 1/0/30.	gen_text_input	Y
Action	Choose the action type: Add or Remove to add or remove the VLANs from port profile. If this field is left blank, the default value is used.	gen_text_input	
Select VLANs	Choose one or more VLANs for the operation chosen	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
ALLOWED_VLAN_IDS	Allowed VLAN IDsf on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device



Business Process Tasks

This chapter contains the following sections:

- [Budget Watch](#), on page 692
- [Resource Limit](#), on page 693

Budget Watch

Summary

Perform a budget availability check.

Description

This task performs a budget availability check for the operations which need budget checks. Output of this task is a true or false depending on the budget check computation.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Groups	Choose the group	userGroup	Y
Select Catalog	Choose the catalog on which to perform the action	catalog	Y
Select vDC	Choose the vDC on which to perform the action	vDC	Y
Number of vCPUs	Choose the number of vCPUs to allocate	vCPUCount	
Memory	Choose the amount of memory to allocate	memSizeMB	
Disk	Choose the amount of disk to allocate	diskSizeGB	
Charge Frequency	Choose the charge frequency of the VM (hourly/monthly)	vmChargeFrequency	

Outputs

Output	Description	Type
BUDGET_WATCH_STATUS	Status (true/false) of budget check task	gen_text_input

Resource Limit

Summary

Perform a group resource limit check.

Description

This task performs a check on UCSD group-level resource limits. The output of this task is True or False depending on the UCSD group resource limit check computation.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Group	Choose the group	userGroup	Y
Select Catalog	Choose the catalog on which to perform the action	catalog	Y
Select vDC	Choose the vDC on which to perform the action	vDC	Y

Outputs

Output	Description	Type
RESOURCE_LIMIT_STATUS	Status (true/false) of resource limit check task	gen_text_input



Cisco C880 M4 Tasks

This chapter contains the following sections:

- [Change Boot Order, on page 696](#)
- [Get IOU MAC Address, on page 697](#)
- [Location LED Off, on page 698](#)
- [Location LED On, on page 699](#)
- [Power Off Device, on page 700](#)
- [Power On Device, on page 701](#)
- [Power Reset Device, on page 702](#)

Change Boot Order

Summary

Change Boot Order of Cisco C880 M4 Device

Description

This task is used to change the boot order of selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4SystemIdentity	Y
Boot Order	Choose a boot order	CiscoC880M4BootOrder	Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity

Get IOU MAC Address

Summary

Get MAC address of IOU

Description

This task is used to fetch the MAC address of selected IOU for a selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4SystemIdentity	Y
IOU	Choose an IOU	CiscoC880M4IOUIdentity	Y

Outputs

Output	Description	Type
OUTPUT_C880M4_MAC_IDENTITY	C880 M4 MAC Address Identity	CiscoC880M4MACAddress Identity

Location LED Off

Summary

Location LED Off Cisco C880 M4 Device

Description

This task is used to Location LED Off the selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4SystemIdentity	Y
Location LED	Choose the location LED	CiscoC880M4LEDIdentity	Y
Do you want to turn the LED OFF?	Do you want to turn the location LED off?		Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity
OUTPUT_C880M4_LED_IDENTITY	C880 M4 LED Identity	CiscoC880M4LEDIdentity

Location LED On

Summary

Location LED On Cisco C880 M4 Device

Description

This task is used to Location LED On the selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4SystemIdentity	Y
Location LED	Choose the location LED	CiscoC880M4LEDIdentity	Y
Do you want to turn the Location LED ON?	Do you want to turn the location LED on?		Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity
OUTPUT_C880M4_LED_IDENTITY	C880 M4 LED Identity	CiscoC880M4LEDIdentity

Power Off Device

Summary

Power Off Cisco C880 M4 Device

Description

This task is used to Power OFF the selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4System Identity	Y
Do you want to turn the Power OFF?	Do you want to turn the power off?		Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity
OUTPUT_C880M4_POWER_STATUS	C880 M4 Power Identity	CiscoC880M4PowerIdentity

Power On Device

Summary

Power On Cisco C880 M4 Device

Description

This task is used to Power ON the selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cisco C880 M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4SystemIdentity	Y
Do you want to turn the device Power ON?	Do you want to turn the power on?		Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity
OUTPUT_C880M4_POWER_STATUS	C880 M4 Power Identity	CiscoC880M4PowerIdentity

Power Reset Device

Summary

Power Reset Cisco C880 M4 Device

Description

This task is used to Power Reset the selected Cisco C880 M4 device.

Inputs

Input	Description	Mappable To Type	Mandatory
CiscoC880M4 Account	Choose the Cisco C880 M4 account	CiscoC880M4System Identity	Y
Do you want to reset the device Power?	Do you want to reset the device Power?		Y

Outputs

Output	Description	Type
OUTPUT_C880M4_SYSTEM_IDENTITY	C880 M4 System Identity	CiscoC880M4SystemIdentity
OUTPUT_C880M4_POWER_STATUS	C880 M4 Power Identity	CiscoC880M4PowerIdentity



Cisco Fabric Tasks

This chapter contains the following sections:

- [Add Cisco DCNM Fabric Network To Network Policy, on page 704](#)
- [Add Cisco DCNM Fabric Network To Network Policy Allowed PortGroup, on page 705](#)
- [Cisco DCNM Fabric Network Selector, on page 706](#)
- [Cisco DCNM Fabric Port Group Selector, on page 707](#)
- [Cisco DCNM Fabric VDC Selector, on page 708](#)
- [Create Cisco DCNM Fabric Mobility Domain, on page 710](#)
- [Create Cisco DCNM Fabric Network, on page 711](#)
- [Create Cisco DCNM Fabric Network for VDC Enabled Switches, on page 714](#)
- [Create Cisco DCNM Fabric Organization, on page 718](#)
- [Create Cisco DCNM Fabric Partition, on page 719](#)
- [Create VDC-Cisco DCNM Fabric Switch Association, on page 721](#)
- [Create end-user Cisco DCNM Fabric Network, on page 722](#)
- [Delete Cisco DCNM Fabric Mobility Domain, on page 726](#)
- [Delete Cisco DCNM Fabric Network, on page 727](#)
- [Delete Cisco DCNM Fabric Organization, on page 728](#)
- [Delete Cisco DCNM Fabric Partition, on page 729](#)
- [Delete VDC-Cisco DCNM Fabric Switch Association, on page 730](#)
- [Extend Cisco DCNM Fabric Network Switch Association, on page 731](#)
- [Modify Cisco DCNM Fabric Mobility Domain, on page 732](#)
- [Modify Cisco DCNM Fabric Network, on page 733](#)
- [Modify Cisco DCNM Fabric Organization, on page 735](#)
- [Modify Cisco DCNM Fabric Partition, on page 736](#)
- [Remove Cisco DCNM Extended Fabric Network Switch Association, on page 738](#)

Add Cisco DCNM Fabric Network To Network Policy

Summary

This task Add Fabric Network To Network Policy allows user to create a new NIC alias in the Network Policy.

Description

This task allows user to Add Fabric Network Port Group into NIC Alias and NIC Alias is added into Network Policy. User can add the Mandatory/Optional NIC alias in the Network Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetwork PolicyProvider	Y
NIC Alias	Enter new NIC Alias.	gen_text_input	Y
NIC Mandatory	Mandatory or Optional		
Port Group Name	Port Group Name	FabricPortGroupIdentity	Y
Copy Adapter Type from Template	Copy Adapter Type from Template		
Adapter Type	Select adapter type	NetworkAdapterType	
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

No Outputs

Add Cisco DCNM Fabric Network To Network Policy Allowed PortGroup

Summary

This task Add Fabric Network To Network Policy Allowed Port group allows user to add a Fabric Port group to the existing NIC alias in the Network Policy.

Description

This task allows user to Add Fabric Network To Network Policy Allowed Port group, this should add a Fabric Portgroup to the existing NIC alias in the Network Policy. This task should enable the allow end user to choose Port group in the NIC alias if there is a single Port group available in the NIC alias. After the rollback of this task if the NIC alias has one port group then the allow end user to choose port group should be disable Otherwise the option should be enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetwork PolicyProvider	Y
NIC Alias	Enter NIC Alias from selected policy.	gen_text_input	Y
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
Port Group Name	Port Group Name	FabricPortGroupIdentity	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

No Outputs

Cisco DCNM Fabric Network Selector

Summary

This task Fabric Network Selector contains the Fabric Network related information as Output.

Description

This task Fabric Network Selector allows user to choose the Fabric Network. Output of this task contains the Fabric Network related details.

Inputs

Input	Description	Mappable To Type	Mandatory
Segment Id	Select Segment Id	FabricNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegmentPoolIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_VSWITCH_ID	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_DVSWITCH_ID	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomainIdentity

Cisco DCNM Fabric Port Group Selector

Summary

This task Fabric Port Group Selector contains Fabric Port group related information as Output.

Description

This task Fabric Port Group Selector allows user to choose the Port group or Fabric Port group. Output of this task contains the Port group/ Fabric Port group related details.

Inputs

Input	Description	Mappable To Type	Mandatory
Port Group	Port Group Name	vmwareVmPortGroupIdentity	
Fabric Port Group	Port Group Name	FabricPortGroupIdentity	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_PORT_GROUP_TYPE	Created port group type for which the selected operation was performed	portGroupType
OUTPUT_FABRIC_PORT_GROUP_NAME	Created Fabric port group name for which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_PORT_GROUP_IDENTITY	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroupIdentity
OUTPUT_SWITCH_NAME	Switch name for which the selected operation was performed	FabricSwitchName
OUTPUT_VSWITCH_ID	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_DVSWITCH_ID	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_HOST_NAME	Host Name for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_VMWARE_PORT_GROUP_IDENTITY	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroupIdentity

Cisco DCNM Fabric VDC Selector

Summary

This task Fabric VDC Selector contains the network, storage, compute and system policies and switch related information as Output.

Description

This task Fabric VDC Selector allows user to choose the Account and VDC, the corresponding Account, VDC Switch Association should be available in the Fabric VDC Switch Association Policy. Output of this task contains the compute, network, Storage and system policies of selected VDC and the first four vswitches, dvSwitches, n1kSwitches, list of the vswitches and dvSwitches of Fabric VDC Switch Association Report.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Select VDC	Select vdc.	vDC	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_VDC_COMPUTE_POLICY	VDC Compute Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VDC_STORAGE_POLICY	VDC Storage Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VDC_NETWORK_POLICY	VDC Network Policy Name for which the selected operation was performed	privateCloudNetworkPolicyProvider
OUTPUT_VDC_SYSTEM_POLICY	VDC System Policy Name for which the selected operation was performed	gen_text_input
OUTPUT_VSWITCH_ID_1	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_2	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_3	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_ID_4	vSwitch identity for which the selected operation was performed	FabricvSwitchIdentity
OUTPUT_VSWITCH_IDS	vSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_DVSWITCH_ID_1	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity

Output	Description	Type
OUTPUT_DVSWITCH_ID_2	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_ID_3	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_ID_4	dvSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_DVSWITCH_IDS	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_N1KSWITCH_ID_1	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_2	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_3	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_N1KSWITCH_ID_4	N1KSwitch identity for which the selected operation was performed	FabricdvSwitchIdentity
OUTPUT_GROUP_ID	This Group is selected while creating Organization	gen_text_input
OUTPUT_GROUP_NAME	This Group is selected while creating Organization	gen_text_input

Create Cisco DCNM Fabric Mobility Domain

Summary

This task Creates Fabric Mobility Domain. Contains MobilityDomain ID and MobilityDomain Identity as Output.

Description

This task allows user to Create Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
MobilityDomain Name	Enter MobilityDomain Name	gen_text_input	Y
VLAN Range	Enter VLAN Range	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Create Cisco DCNM Fabric Network

Summary

This task Creates Fabric Network contains Fabric Network as Output.

Description

This task allows user to select the Switch from a Specific Cloud to which the Fabric Network should be created in the corresponding DCNM Account. Created Fabric Network information should be displayed in the Fabric Network Report, Fabric Port Group Report contains the Information of the port group associated with Fabric Network and Fabric Network Config Profile Report contains the information about the Profile associated with the Fabric Network By default there will be the vCenter IP as the Mobility Domain ID, we can change the mobility domain id with some other IP Address, For N1k Switch the vlanid=0 and Mobility Domain Id will be None For start ip and end ip the following scenarios are applicable a.Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains DCNM Account, Fabric Organization, Fabric Partition and Fabric Network along with the Switch Name, vmware Port groups, Fabric Port groups, vlan id and mobility domain id. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition	Enter Partition	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Switch Type	Select Switch Type	FabricNetworkSwitchType	
Select dvSwitch	Select dvSwitch.	FabricdvSwitchIdentity	
Select vSwitch	Select vSwitch.	FabricvSwitchIdentity	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServer Address	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	

Input	Description	Mappable To Type	Mandatory
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		
Gateway IPv6 Address	Enter Profile gateway Ipv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id auto Select		
Vlan	Enter vlan	gen_text_input	
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity

Output	Description	Type
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegmentPoolIdentity
OUTPUT_PROFILE_ID	Identity of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName
OUTPUT_PORT_GROUP_TYPE	Created port group type for which the selected operation was performed	portGroupType
OUTPUT_SWITCH_NAME	Switch name for which the selected operation was performed	FabricSwitchName
OUTPUT_FABRIC_PORT_GROUP_IDENTITY	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroupIdentity
OUTPUT_FABRIC_PORT_GROUP_NAME	Created Fabric port group name for which the selected operation was performed	gen_text_input
OUTPUT_VMWARE_PORT_GROUP_IDENTITY	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroupIdentity
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomainIdentity

Create Cisco DCNM Fabric Network for VDC Enabled Switches

Summary

This task Creates Fabric Network for VDC Enabled Switches allows user to create Port groups/Fabric Port groups as Output.

Description

This task allows user to Create Fabric Network for VDC Enabled Switches, based on the switches(vSwitch/dvSwitch/N1KSwitch) available in the Fabric VDC Switch Association Policy. User select all vSwitches/ all dvSwitches, It creates one Fabric Network with vSwitch/dvSwitch and creates remaining port groups and added into NIC alias. Created portGroups having same vlanId. For start ip and end ip the following scenarios are applicable a.Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains the Port group, Fabric Port group details, Mobility Domain ID, vlanid and vlanid list. Note: 1. User is having a N1k Switch in the Fabric VDC Switch Association Policy, if user used this with the combination of dvswitch available in the Fabric VDC Switch Association Policy then the task fails. 2. The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VDC	Select VDC from VDC Fabric Switch Association	vDC	Y
Switch Type	Select Switch Type		Y
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerv6Address	Enter dhcpServerv6Address	gen_text_input	

Input	Description	Mappable To Type	Mandatory
vrfv6Dhcp	Enter vrfv6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		
Gateway IPv6 Address	Enter Profile gatewayIpv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id autoSelect		
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	
Allow NIC Alias Update			
Add Port Group to Network Policy	Add Port Group to network Policy		
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
NIC Alias	Enter NIC names separated by comma	gen_text_input	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_1	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_2	Identity of the DFA port group for which the selected operation was performed	FabricPortGroup Identity

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_3	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_4	Identity of Fabric the port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_1	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_2	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_3	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_4	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITIES	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID_1	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_2	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_3	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_4	Id of the vlan which will be mapped	vlanID
OUTPUT_VLANS	vlangs which will be mapped	gen_text_input
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_1	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_2	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_3	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_4	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_1	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_2	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_3	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_4	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_1	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_2	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity

Output	Description	Type
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_3	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_4	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Create Cisco DCNM Fabric Organization

Summary

This task Creates Fabric Organization contains Fabric Organization as Output.

Description

This task allows user to Create Fabric Organization with a group, in the DCNM Account level only one Group can be associated to a Single Fabric Organization. Output of this task contains the DCNM Account details, Fabric Organization and Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Organization Name	Enter Organization Name	gen_text_input	Y
Description	Enter Organization Description	gen_text_input	
Orchestration Source	Enter Orchestration Source		
Group	User Group	userGroup	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_GROUP_ID	This Group is selected while creating Organization	gen_text_input
OUTPUT_GROUP_NAME	This Group is selected while creating Organization	gen_text_input

Create Cisco DCNM Fabric Partition

Summary

This task Creates Fabric Partition contains Fabric Partition as Output.

Description

This task allows user to Create Fabric Partition under a Fabric Organization, we can create a number of Fabric Partitions under a Single Fabric Organization. Based on the Fabric Encapsulation the profile Name will be displayed If Extend the Partition across Fabric is Enabled then DCI id is mandatory and in the DCNM corresponding configurations should be done Output of this task contains the DCNM Account details, Fabric Organization and Fabric Partition. Note: The parameters DCI ID, Multi Cast Group Address and profile Parameters are applicable for only Version 7.1(0.139) or higher version. If the Profile Name is None then profile Parameters will not be displayed where as if profile Name is other than Non-None then only BorderLeafRt will be displayed. All Higher version parameters are optional and in the lower version DCNM in UCSD will display as empty. IF Extend the Partition across Fabric then profile Name should be Non-None

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganization Identity	Y
Partition Name	Enter Partition Name	gen_text_input	Y
Description	Enter Description	gen_text_input	
DCI ID	Enter DCI ID	gen_text_input	
Extend the Partition across the Fabric	Extend the Partition across the Fabric		
Service Node IP Address	Enter Service Node IP Address	ipv4Address	
DNS Server	Enter DNS Server	ipv4Address	
Secondary DNS Server	Enter Secondary DNS Server	ipv4Address	
Multi Cast Group Address	Enter Multi Cast Group Address	ipv4Address	
Profile Name	Enter Profile Name	FabricPartitionProfile Identity	
Profile Parameters			
Border LeafRt	Enter Border LeafRt	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Create VDC-Cisco DCNM Fabric Switch Association

Summary

This task Creates VDC Fabric Switch Association contains Fabric VDC Association in the Fabric VDC Switch Association Policy Report.

Description

This task allows user to Create VDC Fabric Switch Association.Fabric,VDC Association with the corresponding Switch should be created in the Fabric VDC Switch Association Policy Report. User should select Switch from cloud account which is associated into the VDC.Selected Fabric VDC Switch available in Fabric VDC Switch Association Policy Report. VDC Fabric Switch Association Policy used for Create End User Fabric Network and Create Fabric Network for Enabled Switches task.

Inputs

Input	Description	Mappable To Type	Mandatory
Fabric Account	Select an account	DCNMAccountIdentity	Y
Select VDC	Select vdc.	vDC	Y
Select Switches	Select Switches.	FabricSwitchIdentity	Y

Outputs

No Outputs

Create end-user Cisco DCNM Fabric Network

Summary

This task Create end-user Fabric Network allows user to create the Fabric Networks for the Switches available in the Fabric VDC Switch Association Policy.

Description

This task allows user to Create end-user Fabric Network, based on the switches available in the VDC Fabric Switch Association Policy. It creates Fabric Networks based on the Association in Fabric VDC Switch Association Policy. Fabric Networks are added into the corresponding NIC alias. User should specify the NIC alias present in the Network Policy for any VDC available in the VDC Fabric Switch Association Policy. For start ip and end ip the following scenarios are applicable a. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Output of this task contains the Port group, Fabric Port group details, Mobility Domain ID, vlanid and vlanid list. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesn't support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerV6Address	Enter dhcpServerV6Address	gen_text_input	
vrfV6Dhcp	Enter vrfV6Dhcp	gen_text_input	
IPv6 enabled	Enable IPv6		
Gateway IPv6 Address	Enter Profile gatewayIPv6Address	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Prefix Length	Enter Profile prefixLength	gen_text_input	
Network Id			
Segment Id	Enter Segment ID	gen_text_input	Y
AutoSelect	is segmentId autoSelect		
Mobility Domain Id	Enter Mobility Domain Id	gen_text_input	Y
AutoSelect Mobility Domain Id	is Mobility Domain Id autoSelect		
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	
Allow NIC Alias Update			
Add Port Group to Network Policy	Add Port Group to network Policy		
Allow end user to choose Port Groups	Selecting this option enables end user to choose port groups during provisioning		
NIC Alias	Enter NIC names separated by comma	gen_text_input	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_1	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_2	Identity of the DFA port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_3	Identity of the Fabric port group for which the selected operation was performed	FabricPortGroup Identity
OUTPUT_FABRIC_PORT_GROUP_IDENTITY_4	Identity of Fabric the port group for which the selected operation was performed	FabricPortGroup Identity

Output	Description	Type
OUTPUT_PORT_GROUP_IDENTITY_1	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_2	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_3	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITY_4	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_IDENTITIES	dvSwitch identities for which the selected operation was performed	gen_text_input
OUTPUT_VLAN_ID_1	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_2	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_3	Id of the vlan which will be mapped	vlanID
OUTPUT_VLAN_ID_4	Id of the vlan which will be mapped	vlanID
OUTPUT_VLANS	vlangs which will be mapped	gen_text_input
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_1	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_2	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_3	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY_4	Vmware vm port group Identity for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_1	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_2	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_3	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_PORT_GROUP_IDENTITY_4	Vmware port group Identity for which the selected operation was performed	portGroupIdentity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_1	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_2	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_3	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity
OUTPUT_VMWARE_DVPORT_GROUP_IDENTITY_4	Vmware dv-port group Identity for which the selected operation was performed	VMwareDVPortgroup Identity

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Delete Cisco DCNM Fabric Mobility Domain

Summary

This task Deletes Fabric Mobility Domain.

Description

This task allows user to Delete Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
MobilityDomain Name	Select MobilityDomain Name	FabricMobilityDomainIdentity	Y

Outputs

No Outputs

Delete Cisco DCNM Fabric Network

Summary

This task Deletes Fabric Network contains Fabric Network,DCNM Account,Fabric Organization and Fabric Partition as Output.

Description

This task allows user to delete the Fabric Network. When the Portgroup is attached to the VM, then Force Delete Flag by default false, Number of Retry and Iteration if Force delete is enabled. By default if Force Delete is enabled, Retry is zero and Iteration is 30sec. Note: Even though port profile is attached to VM or not, the port profile will be deleted in the vCenter for Force Delete Network. Output of this task contains DCNM Account, Fabric Organization and Fabric Partition.

Inputs

Input	Description	Mappable To Type	Mandatory
Segment Id	Select Segment Id	FabricNetworkIdentity	Y
Force Delete Network	Delete Network even is VM attached		
No Of Retry	No of retry to delete port group	gen_text_input	
Retry Interval(In Sec)	Retry interval to delete port group	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Delete Cisco DCNM Fabric Organization

Summary

This task Deletes Fabric Organization contains Fabric Organization and DCNM Account as Output.

Description

This task allows user to Delete Fabric Organization. The deletion of Fabric Organization can be possible if there are no Fabric Partition and Fabric Network under it. Output of this task contains the DCNM Account.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganizationIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Delete Cisco DCNM Fabric Partition

Summary

This task Delete Fabric Partition contains Fabric Partition,DCNM Account and Fabric Organization as Output.

Description

This task allows user to delete Fabric Partition. The Fabric Partition should be deleted if there are no Fabric Networks associated with it. Output of this task contains the DCNM Account and Fabric Organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Select Partition Name	FabricPartitionIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input

Delete VDC-Cisco DCNM Fabric Switch Association

Summary

This task Deletes VDC Fabric Switch Association Policy

Description

This task allows user to Delete VDC Fabric Switch Association. VDC Fabric Switch association removed from the Fabric VDC Switch Association Policy Report.

Inputs

Input	Description	Mappable To Type	Mandatory
VDC Fabric Switch Association	Select Association	FabricVdcSwitchMapping Identity	Y

Outputs

No Outputs

Extend Cisco DCNM Fabric Network Switch Association

Summary

This task Enables Fabric Network Switch Association contains Port groups for a Fabric Network as Output.

Description

This task allows user to Enable Fabric Network Switch Association, this task creates the Fabric Port groups for the selected Fabric Network in the Fabric Port Group Report. For all the created Port groups the Vlan ID should be same as the Selected Fabric Network. If the Selected Switch is from other cloud Account with respect to the selected Fabric Network, then a new Fabric Network should be created along with the Port group. Also if the selected Switches are multiple with the other cloud Account then a New Fabric Network should be created and remaining other cloud Account switches corresponding port groups should be created. Created portgroups vlanId is same in specific cloud.vlanId is not available on selected switch in a specific cloud task fails. Output of this task contains VLAN ID and Port group Details. Note: User can only select a Single vSwitch/dvSwitch Switch for map to user input.Enabling the NIK switch is not applicable.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network	Select the Network.	FabricNetworkIdentity	Y
Switch Type	Select Switch Type	FabricNetworkSwitchType	
Select dvSwitch	Select dvSwitch.	FabricdvSwitchIdentity	Y
Mobility Domain Id	Select mobility domain	FabricMobilityDomainIdentity	
Use global mobility domain	Use global mobility domain		

Outputs

Output	Description	Type
OUTPUT_VLAN_ID	Id of the vlan which will be mapped	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the port group for which the selected operation was performed	vmwareVmPortGroup Identity
OUTPUT_PORT_GROUP_NAME	Created port group name for which the selected operation was performed	portGroupName

Modify Cisco DCNM Fabric Mobility Domain

Summary

This task Modifies Fabric Mobility Domain. Contains MobilityDomain ID and MobilityDomain Identity as Output.

Description

This task allows user to Modify Fabric Mobility Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
MobilityDomain Name	Select MobilityDomain Name	FabricMobilityDomainIdentity	Y
VLAN Range	Enter VLAN Range	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_MOBILITY_DOMAIN_ID	Mobility Domain for which the selected operation was performed	gen_text_input
OUTPUT_MOBILITY_DOMAIN_IDENTITY	Mobility Domain identity for which the selected operation was performed	FabricMobilityDomain Identity

Modify Cisco DCNM Fabric Network

Summary

This task Modifies Fabric Network contains Fabric Network as Output.

Description

This task allows user to modify any of the network information which is created. Modified Fabric Network information should be displayed in the Fabric Network Report and Fabric Network Config Profile Report contains the information about the Profile associated with this Fabric Network. For start ip and end ip the following scenarios are applicable in modify Fabric network: a. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.10, then static range should be staticIpStart=1.1.1.11, staticIpEnd=1.1.1.254 b. Default gateway =1.1.1.1, DHCP range is unspecified, then static range should be staticIpStart=1.1.1.2, staticIpEnd=1.1.1.254 c. Default gateway = 1.1.1.10, DHCP range is 1.1.1.11-1.1.1.19, then static range should be staticIpStart=1.1.1.20, staticIpEnd=1.1.1.254 OR staticIpStart=1.1.1.1, staticIpEnd=1.1.1.9 d. Default gateway = 1.1.1.1, DHCP range is 1.1.1.2-1.1.1.254, then static range should be BLANK. e. If the startip and end ip are specified in the task then the values should be persist. While calculating the ip range or static ip range it should assign max IP available part. Note: The parameters Network Role, Secondary Gateway IP address are dependent on the DCNM Account Version and should be displayed as empty when the underlying DCNM Account version doesnât support these.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Name	Enter Network Name	gen_text_input	Y
Network Role	Enter Network Role	FabricNetworkRole	Y
Network Id			
Segment Id	Select Segment ID	FabricNetworkIdentity	Y
Vlan	Enter vlan		
Mobility Domain	Enter MobilityDomain		
Description	Enter Description	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	ipv4Address	
Subnet Mask	Enter Subnet Mask	subnetMask	
Profile Name	Select Profile Name	FabricNetworkProfile Identity	Y
Profile Parameters			
DHCP Server Address	Enter Profile dhcpServerAddress	ipv4Address	
vrfDhcp	Enter vrfDhcp	gen_text_input	
mtuValue	Enter mtuValue	gen_text_input	
dhcpServerV6Address	Enter dhcpServerV6Address	gen_text_input	
vrfV6Dhcp	Enter vrfV6Dhcp	gen_text_input	
IPv6 enabled	Enable Ipv6		

Input	Description	Mappable To Type	Mandatory
Gateway IPv6 Address	Enter Profile gateway Ipv6Address	gen_text_input	
Prefix Length	Enter Profile prefixLength	gen_text_input	
DHCP Scope			
DHCP enabled	Enable DHCP		
IP Range	Enter IP Range	gen_text_input	
Service Configuration Parameters			
Start IP	Enter Start IP	ipv4Address	
End IP	Enter End IP	ipv4Address	
Secondary Gateway	Enter Secondary Gateway	ipv4Address	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_ID	Identity of the network for which the selected operation was performed	FabricNetworkIdentity
OUTPUT_NETWORK_NAME	Name of the network for which the selected operation was performed	gen_text_input
OUTPUT_NETWORK_SEGMENTID	Identity of the network segment for which the selected operation was performed	FabricNetworkSegmentPoolIdentity
OUTPUT_PROFILE_ID	Identity of the profile for which the selected operation was performed	FabricNetworkProfileIdentity
OUTPUT_PROFILE_NAME	Name of the profile for which the selected operation was performed	FabricNetworkProfileIdentity

Modify Cisco DCNM Fabric Organization

Summary

This task Modifies Fabric Organization contains Fabric Organization as Output.

Description

This task allows user to Modify Fabric Organization with a change in the description. Output of this task contains the DCNM Account, Fabric Organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization Name	Select Organization Name	FabricOrganization Identity	Y
Description	Enter Organization Description	gen_text_input	
Orchestration Source	Enter Orchestration Source		
Group	User Group		

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganization Identity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input

Modify Cisco DCNM Fabric Partition

Summary

This task Modifies Fabric Partition contains Fabric Partition and Outputs as DCNM Account, Fabric Organization, Fabric Partition.

Description

This task allows user to Modify Fabric Partition with a change in the description, DCI ID, Extend the partition across Fabric, Service Node IP Address, DNS Server, Secondary DNS Server and Multi cast Group Address, Profile name and BroderLeafRt. Based on the Fabric Encapsulation the profile Name will be displayed. If Extend the Partition across Fabric is Enabled then DCI id is mandatory and in the DCNM corresponding configurations should be done. Output of this task contains the DCNM Account details, Fabric Organization and Fabric Partition. Note: The parameters DCI ID, Multi Cast Group Address and profile Parameters are applicable for only Version 7.1(0.139) or higher version. If the Profile Name is None then profile Parameters will not be displayed where as if profile Name is other than Non-None then only BorderLeafRt will be displayed. All Higher version parameters are optional and in the lower version DCNM in UCSD will display as empty. IF Extend the Partition across Fabric then profile Name should be Non-None.

Inputs

Input	Description	Mappable To Type	Mandatory
Partition Name	Enter Partition Name	FabricPartitionIdentity	Y
Description	Enter Description	gen_text_input	
DCI ID	Enter DCI ID	gen_text_input	
Extend the Partition Across the Fabric	Extend the Partition Across the Fabric		
Service Node IP Address	Enter Service Node IP Address	ipv4Address	
DNS Server	Enter DNS Server	ipv4Address	
Secondary DNS Server	Enter Secondary DNS Server	ipv4Address	
Multi Cast Group Address	Enter Multi Cast Group Address	ipv4Address	
Profile Name	Enter Profile Name	FabricPartitionProfile Identity	
Profile Parameters			
Border LeafRt	Enter Border LeafRt	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ACCOUNT_ID	Identity of the DCNM Account for which the selected operation was performed	DCNMAccountIdentity
OUTPUT_ACCOUNT_NAME	Name of the Account for which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_ORGANIZATION_ID	Identity of the organization for which the selected operation was performed	FabricOrganizationIdentity
OUTPUT_ORGANIZATION_NAME	Name of the organization for which the selected operation was performed	gen_text_input
OUTPUT_PARTITION_ID	Identity of the partition for which the selected operation was performed	FabricPartitionIdentity
OUTPUT_PARTITION_NAME	Name of the partition for which the selected operation was performed	gen_text_input

Remove Cisco DCNM Extended Fabric Network Switch Association

Summary

This task Disables Fabric Network Switch Association allows user to delete the Fabric port group.

Description

This task allows user to Disable Fabric Network Switch Association. Fabric Port group created by using Enable should be deleted. If user try to disable Fabric Network Switch Association and selected port group is directly associated with a network then this task fails. To delete such association, user has to delete the corresponding network.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Port Group	Select Network Switch mapping	FabricNetworkSwitchMapping Identity	Y

Outputs

No Outputs



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Activate SAN Zone Set

Summary

Activate a SAN zone set for a Nexus device.

Description

This task activates or de-activate a SAN zone set on a Nexus device. If the Activate option is enabled, then a rollback deactivates and removes the zone set from the ACTIVE list. Once the zone set is removed from the ACTIVE list, the device restarts the zone merge process. If the Disable Rollback option is selected, rollback is not permitted.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
SAN Zone Set	Select one or more SAN Zone set	networkSANZoneSetIdentity	Y
Activate	Check this option to activate a zone set. By default, this field is checked. Performing rollback reactivates the zone set		
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_SET_IDENTITY	Identity for San Zone Set.	networkSANZoneSetIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Add IP ACL Rule

Summary

Add an IP rule to an ACL.

Description

This task adds an IP rule to an access control list (ACL) on the device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
ACL Name	Choose an ACL name	gen_text_input	Y
Action	Choose a permit or deny action for the rule	gen_text_input	
Protocol	Choose a protocol for the rule. Valid values are tcp, udp, ip and ipv6.	gen_text_input	
Source Type	Choose a source type. Valid values are any, network prefix, network address and host.	gen_text_input	
Source Network Prefix	Enter a source network prefix for IPv4 in the format A.B.C.D/LEN or IPv6 in the format X:X:X:X:X:X/X/LEN. For example: 10.23.2.4/8 or ab:23:45:fg:kj:ty:99:78/15	gen_text_input	Y
Source Network Address	Enter a source network address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X/X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Source Wildcard Bits	Enter source wildcard bits in the format A.B.C.D. Not applicable to IPv6. For example: 10.20.2.3.	gen_text_input	Y
Source Host Address	Enter a source host address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X/X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Destination Type	Choose a destination type. Valid values are any, network prefix, network address and host. The default is any.	gen_text_input	
Destination Network Prefix	Enter a destination network prefix for IPv4 in the format A.B.C.D/LEN or IPv6 in the format X:X:X:X:X:X/X/LEN. For example: 10.23.2.4/8 or ab:23:45:fg:kj:ty:99:78/15.	gen_text_input	Y
Destination Network Address	Enter a destination network address for IPv4 in the format A.B.C.D or IPv6 in the format	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
	X:X:X:X:X:X:X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78.		
Destination Wildcard Bits	Enter the destination wildcards in the format A.B.C.D. Not applicable to IPv6. For example: 10.20.2.3.	gen_text_input	Y
Destination Host Address	Enter a destination host address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X:X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_IP_ACL_NAME_IDENTITY	ACL name ip on which selected operation performed.	networking_nxos_ip_acl_info

Add MAC ACL Rule

Summary

Add a MAC rule to an ACL.

Description

This task adds a media access control (MAC) rule to an access control list (ACL) on the device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
ACL Name	Choose an ACL name	gen_text_input	Y
Action	Choose a permit or deny action for the rule. The default value is permit.	gen_text_input	
Source Type	Choose a source type. Valid values are any or source MAC address. The default value is any.	gen_text_input	
Source MAC address	Enter a source MAC address. For example: E.E.E or EE-EE-EE-EE-EE-EE or EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	Y
Source wildcard bits	Enter source wildcard bits. For example: E.E.E or EE-EE-EE-EE-EE-EE or EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	Y
Destination Type	Choose the destination type. Valid values are any or destination MAC address. The default value is any.	gen_text_input	
Destination MAC address	Enter a destination MAC address. For example: E.E.E or EE-EE-EE-EE-EE-EE or EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	Y
Destination wildcard bits	Enter destination wildcard bits. For example: E.E.E or EE-EE-EE-EE-EE-EE or EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE.	gen_text_input	Y
VLAN ID	Choose a VLAN ID	vlanID	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_MAC_ACL_NAME_IDENTITY	ACL name mac on which selected operation performed.	networking_nxos_mac_acl_info

Add Member To SAN Zone

Summary

Add a member to a zones on a Nexus device.

Description

This task adds a member to the SAN zone on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
SAN Zone	Select a SAN Zone	networkSANZoneIdentity	Y
Type	Choose any of the listed types: pWWN, FCALIAS, devicealias. If this field is left blank, the value defaults to pWWN.	gen_text_input	
Member	Enter the value for the member in this format: hh:hh:hh:hh:hh:hh:hh:hh. For example: 11:11:11:11:11:11:11:11.	gen_text_input	Y
Prefer SmartZoning Zone	Check this option if the device supports smartzoning to enable it in the VSAN. By default this field is unchecked		
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_SANZONE_MEMBER	San Zone Member Configured.	gen_text_input
OUTPUT_SANZONE_TYPE	San Zone Type Configured.	gen_text_input

Output	Description	Type
OUTPUT_SMARTZONE_TYPE	Smart Zone Type Configured.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_SAN_FC_ALIAS	FC alias on which selected operation performed.	FCAliasIdentity
OUTPUT_SAN_DEV_ALIAS	Device alias on which selected operation performed.	networking_san_device_alias_identity

Add Physical Network Account

Summary

Add a physical network account.

Description

This task adds a physical network account.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name		gen_text_input	Y
Device Category	Enter any of the listed device categories: Cisco ASA or Cisco Nexus OS. If this field is left blank, the value defaults to Cisco ASA	gen_text_input	
Device IP		gen_text_input	Y
Protocol		gen_text_input	Y
Port		gen_text_input	Y
Username		gen_text_input	Y
Password		gen_text_input	Y
Enable Password	Provide an enable password for the network device		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
DEVICE_INVENTORY_STATUS	Device Inventory Status	gen_text_input

Add SAN Zone to Zone Set

Summary

Add a SAN zone to a zone set on a Nexus device.

Description

This task adds a zone to a SAN zone set on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
SAN Zone Set	Select a SAN Zone set	networkSANZoneSetIdentity	Y
SAN Zone	Select one or more SAN Zone	networkSANZoneIdentity	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Reactivate Zoneset during Rollback	Check this option to reactivate zoneset during rollback. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_SET_IDENTITY	Identity for San Zone Set.	networkSANZoneSetIdentity
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Add or Update Username and Password

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
User Name	Provide a user name	gen_text_input	Y
Password	Provide a password	password	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_USERNAME	Password Reset User Name	password_reset_username

Allocate Port To VDC

Summary

Allocate a physical port to a VDC.

Description

This task allocates a physical port to a virtual data channel (VDC) on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VDC Name	Select a VDC name	nxosVDCIdentity	Y
Select Port	Enter one or more ports to be allocated, separated with commas. For example: ethernet1/4, ethernet1/5.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Assign FC Port to VSAN

Summary

Assign an FC port to a VSAN.

Description

This task makes an FC (Fiber Channel) port a member of a virtual storage area network (VSAN) on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select FC Port	Choose a FC port for VSAN assignment. For example: vfc1 or vfc2.	gen_text_input	Y
Select FC Port	Select a FC port for VSAN assignment.	fc_port_name	
VSAN ID	Choose the VSAN ID. Valid range is 2 to 4094.	vsanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Assign Port to Port Channel

Summary

Assign an ethernet port to a port channel.

Description

This task adds an ethernet port to a port channel on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select Port	Select a port to assign to a port channel. For example: Ethernet1/1.	gen_text_input	Y
Select Port Channel Name	Select a port channel to assign port.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Assign Static MACAddress

Summary

Assign a static MAC address for a layer 3 interface on a Nexus device.

Description

This task assigns a static MAC address entry for a layer 3 interface on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Select a port	networking_device_interface	Y
MAC Address	Select a MAC address	networking_device_mac	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_NETWORKING_DEVICE_MACADDRESS	Network device MAC Address on which selected operation performed.	networking_device_mac
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Assign VLAN to Group

Summary

Assign a VLAN to a UCS Director group.

Description

This task assigns a VLAN on a device to a UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VLAN ID	Choose the VLAN ID. The valid range is between 1 and 3967 or 4048 and 4093.	vlanID	Y
Assign To Users	Check this option to allow resource assignment to users. By default, this field is unchecked.		
User Group ID	Choose the group to assign to VLAN	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID

Assign VXLAN to PortProfile

Summary

Assign a VXLAN port profile to a Nexus device.

Description

This task assigns a VXLAN on the Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Select the domain name for the VXLAN bridge.	gen_text_input	Y
Select Port Profile	Choose the port profile name.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name

Associate Private VLAN

Summary

Associate a private VLAN on a device.

Description

This task associates the primary and secondary VLAN on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Primary VLAN ID	Choose the primary VLAN	vlanID	Y
Action	Choose an action to perform on PVLAN: add or remove. Default is add.		Y
Secondary VLAN ID	Check one or more secondary VLANs	vlanID	Y
Check this option to copy the running configuration to the startup configuration. By default, this field is checked.	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PRIMARY_VLAN_ID	Primary VLAN ID on which the selected operation was performed	vlanID
SECONDARY_VLAN_ID	Secondary VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Associate VFC Interface

Summary

Associate a VFC on a Nexus device to a VSAN.

Description

This task associates a virtual fiber channel (VFC) to a VSAN on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VFC Id	Choose the VFC ID	gen_text_input	Y
VSAN Id	Enter the VSAN ID in this format: datacenter@device_ip@vsan_id. For example: DefaultPod@172.29.195.162@10.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Associate VSAN to VLAN

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Vlan	Select a VLAN ID	vlanID	Y
VSAN Id	Enter the VSAN ID in this format: datacenter@device_ip@vsan_id. For example: DefaultPod@172.29.195.162@10.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_DEVICE_VLAN_IDENTITY	Identity for device vlan	InfraNetwork VLANIdentity
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Clear SAN Zone Lock

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VSAN Id	Select VSAN ID to clear zone lock	vsanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure Access

Summary

Configure access on an ethernet or port channel interface.

Description

This task configures access on an ethernet or port channel interface on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select Port	Select a port.	networking_device_interface	Y
Access VLAN	Select an Access VLAN.	vlanID	Y
STP Port Type	Choose a port type for spanning tree protocol use. Port types are edge, network and normal. The default is edge.	gen_text_input	
Description	Enter an additional description to the configure access.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
ACCESS_VLAN_ID	Access VLAN ID on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface

Configure Feature

Summary

Configure a feature on a Nexus MDS device.

Description

This task configures a feature on a Cisco Multilayer Director (MDS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Feature	Check or uncheck this option to enable or disable the feature. By default, this field is unchecked.		Y
Feature Name	Select the name of the feature to configure	networking_device_ feature	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure Host Name

Summary

Configure a host name on a Nexus device.

Description

This task configures a host name on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Host Name	Enter a Host Name.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
HOST_NAME	Host Name on which the selected operation was performed	networking_device_host_name
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure MACAddress Table

Summary

Configure MAC address table parameters.

Description

This task configures the MAC address table parameters, including aging time and learning mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Age Time	Enter the agent time for the Mac address table in seconds. Enter 0 to disable. The range is from 120 to 918000 in increments of 5. For example: 255.	gen_text_input	Y
VLAN ID	Select a VLAN ID	InfraNetwork VLANIdentity	
VLAN Learn mode.	Choose the learning mode for the vlans	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure MST

Summary

Configure the MST mode of the spanning tree protocol for a Nexus device.

Description

This task configures multiple spanning tree (MST) mode for the spanning tree protocol on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Enable MST	Check this option to enable or disable spanning tree MST mode. By default, this field is unchecked.		Y
Name	Specify the MST name to configure	gen_text_input	Y
Revision	Enter the revision of the MST as an integer between 0 and 65535.	gen_text_input	Y
Hello Time	Enter the hello time for the MST protocol. The valid range is 1 to 10. The hello time is the wait time in seconds between broadcast of configuration BPDUs.	gen_text_input	
Forward Time	Enter the forward time for the MST between 4 and 30. The forward time is the forward delay timer period, in seconds.	gen_text_input	
Max Hop Count	Enter the maximum hop count for the MST between 1 and 255	gen_text_input	
Max Age in seconds	Enter the maximum age for the MST between 6 and 40	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure MST INSTANCE

Summary

Configure the MST Instance for the STP on a Nexus device.

Description

This task configures multiple spanning tree (MST) mode on an interface for the spanning tree protocol configuration on a PORT.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
MST Instance	Provide an MST instance ID to be configured. The valid range is 1 to 4094.	gen_text_input	Y
VLAN	Provide a VLAN ID or range. Valid values are between 1 and 4094.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure PVST

Summary

Configure the PVST mode of the spanning tree protocol for a Nexus device.

Description

This task configures per VLAN spanning tree (PVST) mode for the spanning tree protocol.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Enable PVST	Check this option to enable or disable the spanning tree PVST mode. By default, this field is unchecked.		Y
VLAN	Provide a VLAN ID or range. Valid values are between 1 and 4094.	gen_text_input	
PVST Root Mode	Check this option to enable or disable the spanning tree PVST in root mode. By default, this field is unchecked.		Y
PVST Root Mode Primary	Check this option to enable or disable the spanning tree PVST in root mode as primary. By default, this field is unchecked.		Y
Diameter	Enter the maximum number of bridges between any two end nodes. Valid range is 2 to 7.	gen_text_input	
Hello Time	Enter the wait time in seconds between successive BPDU transmissions. Valid range is 1 to 10.	gen_text_input	
Priority	Choose Priority for the PVST protocol	gen_text_input	
PathCost.	Choose Path Cost for the PVST	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Output	Description	Type
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure Port

Summary

Configure a Port on a Nexus device.

Description

This task configures a port on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Choose a port.	gen_text_input	Y
Description	Provide the port description	gen_text_input	
Enable	Check or uncheck this option to enable or disable the port. By default, this field is checked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface

Configure Port License

Summary

Configure a port license for an MDS device.

Description

This task configures a port license for a Nexus multilayer director (MDS) device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Choose a port.	gen_text_input	Y
Acquire	Check this option to acquire the license. By default, this field is checked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Configure Private VLAN Port

Summary

Configure a port with private VLANs.

Description

This task configures a port with a primary and secondary private VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select Port	Choose the port to configure private VLAN. For example: Ethernet1/23.	gen_text_input	Y
Type	Choose a private VLAN port type		Y
Primary VLAN ID	Choose the primary VLAN	vlanID	Y
Action	Choose an action to perform on PVLAN: add or remove. By default add is selected.		Y
Secondary VLAN ID	Check one or more secondary VLAN	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure Private VLAN Port Profile

Summary

Configure a port profile with private VLANs.

Description

This task modifies a port profile with private primary and secondary VLANs configured on it.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Port Profile Name	Enter the port profile name	gen_text_input	Y
Port Profile Type	Choose a port profile type: Ethernet or Vethernet. By default Vethernet is selected.		Y
Trunk	Check this to create port profile in trunk mode. By default this field is unchecked.		
Private VLAN Type	Choose a private VLAN port type		Y
Primary VLAN ID	Choose the primary VLAN	vlanID	Y
Action	Choose an action to perform on PVLAN: add or remove. By default add is selected.		
Secondary VLAN ID	Check one or more secondary VLAN	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure QOS on Nexus 1K

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Integrate with UCS QOS Policy	Check this option to Integrate With UCS QOS system class policy. By default, this field is unchecked.		
UCS Account Name	Select UCS account name	ucsAccount Name	Y
Configure Platinum Class	Check this option to configure platinum class parameters. By default, this field is unchecked.		
Platinum Class ACL Name	Enter the ACLs for classifying platinum class traffic	gen_text_input	Y
Platinum Class COS	Enter the platinum class COS level between 0 and 7	gen_text_input	
Configure Gold Class	Check this option to configure gold class parameters. By default, this field is unchecked.		
Gold Class ACL Name	Enter the ACLs for classifying gold class traffic	gen_text_input	Y
Gold Class COS	Enter the gold class COS level between 0 and 7	gen_text_input	
Configure Silver Class	Check this option to configure silver class parameters. By default, this field is unchecked.		
Silver Class ACL Name	Enter the ACLs for classifying silver class traffic	gen_text_input	Y
Silver Class COS	Enter the silver class COS level between 0 and 7	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Request Approval	Check this option to request approval to deliver commands to the device. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Configure QOS on Nexus 5K

Summary

Configure QOS policies on a Nexus 5k switch.

Description

This task configures quality of service (QOS) policies on a Nexus 5000 series switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Integrate with UCS QOS Policy	Check this option to integrate with UCS QOS system class policy. By default, this field is unchecked.		
UCS Account Name	Select UCS account name	ucsAccountName	Y
Configure Platinum Class	Check this option to configure platinum class parameters. By default, this field is unchecked.		
Platinum Class ACL Name	Choose an ACL name for classifying platinum class traffic	gen_text_input	Y
Platinum Class QOS Group	Choose a QOS group. QOS group must be between 1 and 5. The default value is 1.	gen_text_input	
Platinum Class COS	Choose a COS level. COS level must be between 1 and 7. The default value is 1.	gen_text_input	
Platinum Class MTU	Enter an MTU value. MTU must be between 1500 and 9216. The default value is 1500.	vlanID	Y
Configure Gold Class	Check this option to configure gold class parameters. By default, this field is unchecked.		
Gold Class ACL Name	Choose an ACL name for classifying gold class traffic	gen_text_input	Y
Gold Class QOS Group	Choose a QOS group. QOS group must be between 1 and 5. The default value is 1.	gen_text_input	
Gold Class BW Percentage	Choose a bandwidth percentage. Bandwidth percentage must be between 1 and 100. The default value is 1.	gen_text_input	Y
Gold Class COS	Choose a COS level. COS level must be between 1 and 7. The default value is 1.	gen_text_input	
Gold Class MTU	Enter an MTU value. MTU must be between 1500 and 9216. The default value is 1500.	vlanID	Y
Configure Silver Class	Check this option to configure silver class parameters. By default, this field is unchecked.		

Input	Description	Mappable To Type	Mandatory
Silver Class ACL Name	Choose an ACL name for classifying silver class traffic	gen_text_input	Y
Silver Class QOS Group	Choose a QOS group. QOS group must be between 1 and 5. The default value is 1.	gen_text_input	
Silver Class BW Percentage	Choose a bandwidth percentage. Bandwidth percentage must be between 1 and 100. The default value is 1.	gen_text_input	Y
Silver Class COS	Choose a COS level. COS level must be between 1 and 7. The default value is 1.	gen_text_input	
Silver Class MTU	Enter an MTU value. MTU must be between 1500 and 9216. The default value is 1500.	vlanID	Y
Configure FC Class	Check this option to configure FC class parameters. By default, this field is unchecked.		
FC Class BW Percentage	Choose a bandwidth percentage. Bandwidth percentage must be between 1 and 100. The default value is 1.	gen_text_input	Y
Configure Default Class	Check this option to configure default class parameters. By default, this field is unchecked.		
Default Class BW Percentage	Choose a bandwidth percentage. Bandwidth percentage must be between 1 and 100. The default value is 1.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Request Approval	Check this option to request approval to deliver commands to the device. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Configure QOS on Nexus 9K

Summary

Configure QOS policies on a Nexus 9K switch.

Description

This task configures quality of service (QOS) policies on a Nexus 9000 series switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Integrate with UCS QOS Policy	Check this option to integrate with the UCS QOS system class policy. By default, this field is unchecked.		
UCS Account Name	Select the UCS account name	ucsAccount Name	Y
Configure Platinum Class	Check this option to configure platinum class parameters. By default, this field is unchecked.		
Platinum Class ACL Name	Enter ACLs for classifying platinum class traffic	gen_text_input	Y
Platinum Class QOS Group	Enter the platinum class QOS group between 0 and 7	gen_text_input	
Platinum Class COS	Enter the platinum class COS level between 0 and 7	gen_text_input	
Platinum Class MTU	Enter the MTU value. Valid MTU range is 576 to 9216. MTU less than 1500 for COS 5-7 can bring down FEX port-channels.	vlanID	Y
Configure Gold Class	Check this option to configure gold class parameters. By default, this field is unchecked.		
Gold Class ACL Name	Enter the ACLs for classifying gold class traffic	gen_text_input	Y
Gold Class QOS Group	Enter the gold class QOS group between 0 and 7	gen_text_input	
Gold Class BW Percentage	Enter the gold class bandwidth percentage within the range 1 to 100	gen_text_input	Y
Gold Class COS	Enter the gold class COS level between 0 and 7	gen_text_input	
Gold Class MTU	Enter an MTU value. Valid MTU range is 576 to 9216. MTU less than 1500 for COS 5-7 can bring down FEX port-channels.	vlanID	Y

Input	Description	Mappable To Type	Mandatory
Configure Silver Class	Check this option to configure silver class parameters. By default, this field is unchecked.		
Silver Class ACL Name	Select ACLs for classifying silver class traffic	gen_text_input	Y
Silver Class QOS Group	Enter the silver class QOS group between 0 and 7	gen_text_input	
Silver Class BW Percentage	Enter the silver class bandwidth percentage within the range 1 to 100	gen_text_input	Y
Silver Class COS	Enter the silver class COS level between 0 and 7	gen_text_input	
Silver Class MTU	Enter an MTU value. Valid MTU range is 576 to 9216. MTU less than 1500 for COS 5-7 can bring down FEX port-channels.	vlanID	Y
Configure Default Class	Check this option to configure default class parameters. By default, this field is unchecked.		
Default Class BW Percentage	Select default class bandwidth percentage within the range 1 to 100	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Request Approval	Check this option to request approval to deliver commands to the device. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Configure Retention Setting

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Retention Period Value	Enter a retention period value. This is the maximum age of the data that you want to retain. This value is combined with the retention period unit. For example if the retention period unit is Month(s), enter 3 if you want to retain data for a maximum of 3 months.	gen_text_input	
Retention Period Unit	Choose a retention period unit. This is the unit of time for data retention. This value is combined with the retention period value. For example, if the retention period value is 3, choose Month(s) if you want to retain data for a maximum of 3 months.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_PURGE_SETTING_DURATION	Purge setting duration	gen_text_input
OUTPUT_PURGE_SETTING_FREQUENCY	Purge setting duration	gen_text_input

Configure SAN Zoning

Summary

Configure SAN zones and associate zones with zonesets.

Description

This task configures zones with UCS vHBA and NetApp Fiber Channel adapters as members and then associate the zones with the active zoneset. If there is no active zoneset available on the switch, the task creates a new zoneset and activates it.

Inputs

Input	Description	Mappable To Type	Mandatory
Activate Zone Set	Check this option to activate the zone set after creation. By default, this field is checked.		
Commit Zone	Check this option to commit the SAN zone after creation. By default, this field is unchecked.		
Server Account Type	Choose the server type, UCS or CIMC. The default is UCS.	gen_text_input	
Service Profile	Select a service profile.	ucsServiceProfile Identity	Y
CIMC Server	Select a CIMC server.	cimcServer Identity	Y
Select vHBA	Choose a vHBA for fabric-A configuration. For example: fabric_A [10:20:ab:d3:78:h6:8k:99].	gen_text_input	Y
Device Alias Fab A v HBA	Enter a device alias name for the vHBA. If the selected vHBA and WWPN exist on the device, then the device alias is not created.	gen_text_input	
VLAN ID	Enter the VLAN ID associated with the selected vHBA. Valid range is 2 to 4094.	vlanID	
VSAN ID	Provide a VSAN ID associated with the selected vHBA. Valid range is 2 to 4094.	gen_text_input	
Zone Name	Enter a zone A name.	gen_text_input	
NetApp Account Name (Primary)	Choose a primary NetApp account for fabric A configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Primary)	Choose a primary NetApp fiber channel adapter for fabric A configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	gen_text_input	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapters are available.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Configure Secondary Head	Check this option to configure a secondary head. Default value is unchecked.		
NetApp Account Name (Secondary)	Choose a secondary NetApp account for fabric A configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Secondary)	Choose a primary NetApp fiber channel adapter for fabric A configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	gen_text_input	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapter is available.	gen_text_input	
Select Device	Select device for Fabric A configuration	gen_text_input	Y
Select Source Port	Choose a source port to which the server is connected. For example: ethernet1/1 or gigabitethernet2/4.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN to map the VLAN. Valid range is 2 to 4094.	gen_text_input	Y
Configure Fabric B	Check this option to configure zones for fabric B. By default, this field is unchecked.		
Select vHBA	Choose a vHBA for fabric B configuration.	gen_text_input	Y
Device Alias Fab B v HBA	Provide a device alias name for the fabric B v HBA. If the provided vHBA and WWPN exist in the device, the device alias is not created.	gen_text_input	
VLAN ID	Provide the VLAN ID associated with the selected vHBA. Valid range is 2 to 4094.	vlanID	
VSAN ID	Provide the VSAN ID associated with the selected vHBA. Valid range is 2 to 4094.	gen_text_input	
Zone Name	Enter the zone B name.	gen_text_input	
NetApp Account Name (Primary)	Choose a primary NetApp account for fabric B configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Primary)	Choose a primary NetApp fiber channel adapter for fabric B configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	ClusterFiler Identity	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as prefix if multiple FC adapter is available.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Configure Secondary Head	Check this option to configure a secondary head. Default value is unchecked.		
NetApp Account Name (Secondary)	Choose a secondary NetApp account for fabric B configuration.	ClusterFiler Identity	Y
NetApp FC Adapter (Secondary)	Choose a secondary NetApp fiber channel adapter for fabric B configuration. For example: Eng_fcp [Current port = 0e\WWPN=1:a:23:fs:jk:89:76:kk:ll\Operation Status=down].	ClusterFiler Identity	Y
Device Alias FC Adapter	Enter a device alias name for the FC adapter. This is used as a prefix if multiple FC adapters are available.	gen_text_input	
Select Device	Select a networking device for fabric B configuration in the format datacenter@device_ip. For example: test Pod@10.23.210.20.	gen_text_input	Y
Select Source Port	Choose a source port to which the server is connected. For example: ethernet1/1 or gigabitethernet2/4.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN to map the VLAN. Valid range is 2 to 4094.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
FABRIC_A_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric A	gen_text_input
FABRIC_A_ZONE_NAME	Name of the zone that was created for fabric A	gen_text_input
FABRIC_A_DEVICE_IP	Switch IP Address (Fabric A)	networking_device
FABRIC_A_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
SAN_ZONE_A_IDENTITY	Identity for SAN Zone A	gen_text_input
FABRIC_A_VDC_NAME	VDC Name (Fabric A)	nxosVDCIdentity
FABRIC_B_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric B	gen_text_input
FABRIC_B_ZONE_NAME	Name of the zone that was created for fabric B	gen_text_input

Output	Description	Type
FABRIC_B_DEVICE_IP	Switch IP Address (Fabric B)	networking_device
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
FABRIC_B_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
SAN_ZONE_B_IDENTITY	Identity for SAN Zone B	gen_text_input
FABRIC_B_VDC_NAME	VDC Name (Fabric B)	nxosVDCIdentity

Configure STP PORT

Summary

Configure PVST on an interface for the STP on a Nexus device.

Description

This task configures per VLAN spanning tree (PVST) on an interface for the spanning tree protocol configuration on a PORT.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Select a port	networking_device_interface	Y
VLAN	Provide a VLAN ID or range. Valid values are between 1 and 4094.	gen_text_input	
Cost Auto	Check this option to provide auto cost for the STP port. By default, this field is unchecked.		
Cost	Provide a cost value within the range 1 to 200000000.	gen_text_input	
Hello Time	Enter the wait time in seconds between successive BPDU transmissions. Valid range is 1 to 10.	gen_text_input	
Forward Time	Enter the forward time for the MST between 4 and 30. The forward time is the forward delay timer period, in seconds.	gen_text_input	
Max Age	Provide the maximum number of seconds the information in a BPDU is valid, between 6 and 40.	gen_text_input	
Link Type.	Choose one of the link types for PVST: auto, point-to-point or shared. If this field is left blank, the default value is used.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NET_DEVICE_INTERFACE_IDENTITY	Identity for network interface.	InfraNetworkInterface Identity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure Session Pool Properties

Summary

Configure session pool properties.

Description

This task configures session pool properties such as maximum active session and maximum wait time.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Maximum Active Sessions	Enter the maximum active sessions count. A default value of 5 is set if this field is left blank.		
Maximum Wait Time	Enter the maximum wait time in milliseconds. A default value of 15 seconds is set if this field is left blank.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_MAX_ACTIVE_SESSION	Identity for Maximum Active Session.	gen_text_input
OUTPUT_WAIT_TIME	Identity for Maximum Wait Time.	gen_text_input

Configure Smart Call Home Contact Information

Summary

Configure Smart Call Home contact information on a Nexus device.

Description

This task configures Smart Call Home contact information on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
SNMP sysContact	Enter a SNMP system contact name.	gen_text_input	Y
Email Contact	Enter an email address. For example: abc@xyz.com.	email_address_list	Y
International Phone Number	Enter an international phone number in international format, including country code. For example: +1-800-123-4567.	gen_text_input	Y
Street Address	Enter a Street address.	gen_text_input	Y
Contract Number	Enter a contract number.	gen_text_input	
Customer Number	Enter a customer number.	gen_text_input	
Site Number	Enter a site number.	gen_text_input	
Switch Priority Number	Enter a switch priority number between 0 to 7. Default and highest priority value is 7.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Commit	Check this option to commit. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SYS_CONTACT	SNMP sysContact.	gen_text_input

Configure System Level HA

Summary

Configure system level HA on a Nexus 1000V device.

Description

This task configures system level HA on a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Role	Choose an HA supervisor role: Standalone, Primary or Secondary. By default Standalone is selected. setting is activated on next reload while changing the role from primary to secondary.	gen_text_input	Y
System Switchover	Check this for manual switchover. By default this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_HA_ROLE	The High Availability Role that was configured.	nexus_vdc

Configure Trunk

Summary

Configure a trunk on an ethernet or port channel interface.

Description

This task configures a trunk on an ethernet or port channel interface on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Port Name	Select a port to configure trunk.	networking_device_interface	Y
Description	Enter additional description to the configured trunk.	gen_text_input	
Native VLAN ID	Choose a native VLAN ID.	vlanID	Y
Allowed VLANs	Select list of VLAN to be allowed in trunk mode	gen_text_input	Y
STP Port Type	Choose a port type for spanning tree protocol use. Port types are edge, network and normal. default is edge.	gen_text_input	
MTU	Enter a MTU range within the range 1500 to 9216.	gen_text_input	
Select Port Channel	Select a port channel.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Force VLAN	Check this option for Force VLAN. If checked the existing allowed VLANs associated with the interface get removed and only the newly selected allowed VLANs are added. By default, this field is unchecked.	Boolean	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
NATIVE_VLAN_ID	Native VLAN ID on which the selected operation was performed	gen_text_input

Output	Description	Type
ALLOWED_VLAN_IDS	Allowed VLAN IDsf on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_NET_DEVICE_INTERFACE_IDENTITY	Identity for network interface.	InfraNetworkInterfaceIdentity

Configure VPC Domain

Summary

Configure a VPC domain.

Description

This task configures a virtual port channel (VPC) domain on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Domain ID	Provide a domain ID as anumeric values between 1 and 1000.	gen_text_input	Y
Source Management IP Address	Enter the source management IP address in the format i.i.i.i. For example: 10.20.4.5.	ipaddress	Y
Destination Management IP Address	Enter the destination management IP address in the format i.i.i.i. For example: 10.20.4.5.	ipaddress	Y
Role Priority	Provide a role priority as a numeric values between 1 and 65535.	gen_text_input	Y
System Priority	Enter a system priority between 1 and 65535.	gen_text_input	
Delay Restore	Enter the delay restore range between 1 and 3600.	gen_text_input	
Peer Gateway	Check this option to provide a peer gateway. By default, this field is unchecked.	Boolean	
Auto Recovery	Check this option to enable auto-recovery. By default, this field is unchecked.	Boolean	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.	Boolean	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VPC_DOMAIN_ID	VPC Domain ID	gen_text_input
SOURCE_MANAGEMENT_IP	Source management IP address on which selected operation was performed.	gen_text_input
DESTINATION_MANAGEMENT_IP	Destination management IP address on which selected operation was performed.	gen_text_input

Output	Description	Type
VPC_DOMAIN_ROLE_PRIORITY	Role priority of VPC domain on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure VPC PortChannel

Summary

Configure a vPC in a Nexus device.

Description

This task configures a virtual port channel (vPC) in a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port Channel Name	Select a port channel name	InfraNetwork InterfaceIdentity	Y
VPC PeerLink	Check this option to configure the port channel as a VPC peer link. By default, this field is checked.		
Enter Domain Id	Enter a domain ID between 1 and 4096	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_NET_DEVICE_VPC_INTERFACE_IDENTITY	VPC Interface Configured.	networking_device_vpc_interface

Configure VTP

Summary

Configure the VTP for a Nexus device.

Description

This task configures the VLAN trunking protocol (VTP) for a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Enable VTP Feature	Check this option to enable or disable the VTP feature. By default, this field is unchecked.		Y
Domain Name	Provide a domain name for the VTP protocol	gen_text_input	
VTP Version.	Choose the VTP version	gen_text_input	
File Name	Provide a file name for the VTP protocol	gen_text_input	
Password	Provide a password for the VTP protocol	gen_text_input	
VTP mode.	Enter any of the listed learning mode for the VLANs: client, server, transparent or off. If this field is left blank, the default value 'client' is used.	gen_text_input	
Pruning	Check this to perform pruning for the VTP. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Configure VXLAN Range

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Configure VXLAN	Check this to configure the VXLAN. By default this field is checked.	Boolean	
VXLAN Id	Enter the VXLAN ID ranges between 4096 and 16777215. For example: 5089-10809.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VXLAN_ID	VXLAN ID on which the selected operation was performed	vlanID

Convert To Smart Zone

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Type	Choose one of the listed zone types: vsan, Fcalias, zone or zoneset. If this field is left blank, the value defaults to vsan.	gen_text_input	Y
VSAN Id	Select the VSAN ID	gen_text_input	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
SAN_ZONE_NAME	SAN Zone Name on which the selected operation was performed	gen_text_input
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Copy Running To Startup Configuration

Summary

Copies the running configuration to the startup configuration.

Description

This task copies the device's running configuration to its startup configuration. This task can be used as last task of network configuration workflow and make the configuration changes permanent to the device flash.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y

Outputs

No Outputs

Create ACL Entry

Summary

Create an ACL entry.

Description

This task creates an ACL entry.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
ACL Name	Enter an ACL name	gen_text_input	Y
Type	Choose an ACL entry type. Valid values are IP, IPv6 and MAC. The default is IP.	gen_text_input	
Action	Choose a permit or deny action for the rule. The default is permit.	gen_text_input	
Protocol	Choose a protocol for the rule. Valid values are tcp, udp, ip and ipv6. The default is ip.	gen_text_input	
Source Type	Choose a source type. Valid values are any, network prefix, network address and host. The default is any.	gen_text_input	
Source Network Prefix	Enter a source network prefix for IPv4 in the format A.B.C.D/LEN or IPv6 in the format X:X:X:X:X:X/X/LEN. For example: 10.23.2.4/8 or ab:23:45:fg:kj:ty:99:78/15.	gen_text_input	Y
Source Network Address	Enter a source network address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X/X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78	gen_text_input	Y
Source Wildcard Bits	Enter source wildcard bits in the format A.B.C.D. Not applicable to IPv6. For example: 10.20.2.3.	gen_text_input	Y
Source Host Address	Enter a source host address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X/X. For example: 10.23.2.4 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Destination Type	Choose a destination type. Valid values are any, network prefix, network address or host. The default is any.	gen_text_input	
Destination Network Prefix	Enter a destination network prefix for IPv4 in the format A.B.C.D/LEN or IPv6 in the format	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
	X:X:X:X:X:X/X/LEN. For example: 10.23.24/8 or ab:23:45:fg:kj:ty:99:78/15.		
Destination Network Address	Enter a destination network address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X:X. For example: 10.23.24 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Destination Wildcard Bits	Enter destination wildcard bits in the format A.B.C.D. Not applicable to IPv6. For example: 10.20.2.3.	gen_text_input	Y
Destination Host Address	Enter a destination host address for IPv4 in the format A.B.C.D or IPv6 in the format X:X:X:X:X:X:X. For example: 10.23.24 or ab:23:45:fg:kj:ty:99:78.	gen_text_input	Y
Description	Enter a description for this ACL entry	gen_text_input	
Per ACL Entry stats collection	Check this option to collect stats for each ACL entry. By default, this field is unchecked.		
Apply ACL to interface	Check this option to apply ACL to the interface. By default, this field is unchecked.		
Select Interface	Choose an interface name	networking_device_interface	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create Device Alias

Summary

Create a device alias.

Description

This task creates a device alias on a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Device Alias Name	Enter a device alias name	gen_text_input	Y
Enter port WWN	Enter a port WWN of the form hh:hh:hh:hh:hh:hh:hh:hh. For example: 1a:2b:c3:4d:34:56:89:67.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_SAN_DEV_ALIAS	Device alias on which selected operation performed.	networking_san_device_alias_identity
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_MEMBER	San Zone Member Configured.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create Device FC Alias

Summary

Create a device fcAlias.

Description

This task creates a fiber channel alias on a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
FC Alias Name	Enter a FC alias name.	gen_text_input	Y
VSAN Id	Select a VSAN ID. Valid range is 2 to 4094.	vsanID	Y
Member Type	Choose a member type. Default member type is DeviceAlias.	networking_device_member_type	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_SAN_FC_ALIAS	FC alias on which selected operation performed.	FCAliasIdentity

Create HSRP

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Interface Name	Select Interface Name for HSRP Configuration.	InfraNetworkInterfaceIdentity	Y
Enabled HSRPV2	Check the box to enable hsrp version 2. By default, the check box is unchecked.	Boolean	
Description	Provide Description for the selected Interface	gen_text_input	
Enable Interface	Enable Interface.		
Interface IP Address	Interface IP Address in Format i.i.i.i.	ipaddress	
IP Network Mask	IP network mask in format m.m.m.m	ipaddress	
HSRP Group Number	HSRP Group Number.	gen_text_input	Y
Authentication Text	Authentication Text.	password	
Preempt	Check the box to enable preempt. By default, the check box is checked.	Boolean	
Min Preempt Delay Time	Min Preempt Delay Time.	gen_text_input	
Priority	Priority.	gen_text_input	
Set Threshold	If selected, given threshold values will set otherwise default threshold values will be set i.e., lower :1 , upper : priority.	Boolean	
Lower Threshold Time	Lower Threshold Time.	gen_text_input	
Upper Threshold Time	Upper Threshold Time.	gen_text_input	
Hello Interval	Hello Interval.	gen_text_input	
Hold Time Interval	Hold Time Interval.	gen_text_input	
Virtual IP Address	Virtual IP Address in Format i.i.i.i.	ipaddress	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_INTERFACE_NAME	The Interface Name set on the device.	gen_text_input
OUTPUT_NET_DEVICE_INTERFACE_IDENTITY	Identity for network interface.	InfraNetworkInterfaceIdentity
OUTPUT_DESCRIPTION	The Interface Description set on the device.	gen_text_input
OUTPUT_IS_ENABLE_INTERFACE	The Interface is enabled on the device.	gen_text_input
OUTPUT_INTERFACE_IP	The Interface IP Address set on the device.	gen_text_input
OUTPUT_GROUP_NUMBER	The HSRP Group Number set on the device.	gen_text_input
OUTPUT_HSRP_GROUP_NUMBER_IDENTITY	The HSRP Group Number Identity.	HSRPGroupNumberIdentity
OUTPUT_AUTHENTICATION_TEXT	The Authentication Text set on the device.	password
OUTPUT_PRIORITY	The Priority set on the device.	gen_text_input
OUTPUT_MIN_PREEMPT_DELAY_TIME	The Min Preempt Delay Time set on the device.	gen_text_input
OUTPUT_LOWER_THRESHOLD_PERIOD	The Lower Threshold Period set on the device.	gen_text_input
OUTPUT_UPPER_THRESHOLD_PERIOD	The Upper Threshold Period set on the device.	gen_text_input
OUTPUT_HELLO_INTERVAL	The Hello Interval set on the device.	gen_text_input
OUTPUT_HOLD_INTERVAL	The Hold Interval set on the device.	gen_text_input
OUTPUT_VIRTUAL_IP	The Virtual IP Address set on the device.	gen_text_input

Create IP Pool Template

Summary

Create an IP pool template on a Nexus 1000V device.

Description

This task creates an IP pool template on a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
IP Pool Template Name	Enter the IP pool template name	gen_text_input	Y
Description	Enter the IP pool template description	gen_text_input	
IP Address From Range	Enter the IP address start as A.B.C.D. For example: 2.3.4.5.	ipaddress	Y
IP Address To Range	Enter the IP address end as A.B.C.D. For example: 4.4.5.2.	ipaddress	Y
Network Address	Enter the network IP address as A.B.C.D. For example: 182.4.3.22.	ipaddress	Y
Network Subnet Mask	Enter the network subnet mask as A.B.C.D. For example: 255.255.1.1.	ipaddress	Y
Default Router	Enter the Gateway for IP pool template as A.B.C.D. For example: 172.23.23.44.	ipaddress	
DNS Server	Enter the DNS server IP as A.B.C.D. For example: 12.3.4.5.	ipaddress	
DNS Suffix	Enter the DNS suffix	gen_text_input	
Netbios Name Server	Enter the NetBios name server IP as A.B.C.D. For example: 12.3.4.5.	ipaddress	
Netbios	Choose a NetBios state: enabled or disabled. By default state is disabled.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input

Output	Description	Type
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_IP_POOL_TEMPLATE	IP Pool Template	gen_text_input
HYPERV_N1K_IP_POOL_TEMPLATE_IDENTITY	IP Pool Template Identity	InfraNetworkIPPoolTemplateIdentity

Create Logical Network

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Logical Network Name	Enter the Logical network name	gen_text_input	Y
Logical Network Description	Enter the Logical network description	gen_text_input	
No Mode Isolation	Check this for No mode isolation: unchecked by default. configures HNV Logical network. Supported version: Nexus1000v HyperV 5.2(1)SM3(1.1) and later.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_NIK_LOGICALNETWORK	Logical Network	gen_text_input
HYPERV_NIK_LOGICALNETWORK_IDENTITY	Logical Network Identity	hyperv_nik_logical_network_identity
HYPERV_LOGICAL_NETWORK_IDENTITY	HyperV Logical Network Identity	hypervLogicalNetworkIdentity

Create Loopback Interface

Summary

Create Loopback Interface

Description

This task creates a Loopback Interface.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Loopback Interface Number	Enter a loopback interface number.	gen_text_input	Y
Description	Provide Description	gen_text_input	
IP Address	Eg: IPv4/Subnet <20.20.20.0/8>	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
LOOPBACK_INTERFACE_NUMBER	Loop Back Interface Number on which the selected operation was performed	gen_text_input
OUTPUT_NET_DEVICE_INTERFACE_IDENTITY	Identity for network interface.	InfraNetworkInterface Identity
LOOPBACK_INTERFACE_NUMBER_IDENTITY	Loop Back Interface Identity	Loop Back Interface Identity

Create N1K HyperV Port Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Port Profile Name	Enter the port profile name	gen_text_input	Y
Description	Enter the port profile description	gen_text_input	
Port Profile Type	Choose a port profile type: Ethernet or Vethernet. By default Ethernet is selected.	networking_device_port_profile_type	Y
Channel Group Mode	Choose a channel group mode: Sub-Group or MAC-Pinning. By default Sub-Group is selected.	gen_text_input	
Sub Group Type	Choose a sub group type: CDP or Manual. By default CDP is selected.	gen_text_input	
Publish Port Profile	Check this to publish port profile. By default this field is unchecked.	gen_text_input	
Publish Port Profile Name	Enter the port profile name to publish	gen_text_input	
Mode	Choose a mode of the port profile: Trunk or Access. By default trunk is selected.	networking_device_port_profile_mode	
Enable VXLAN Capability	Check this to enable VXLAN capability. By default VXLAN is disabled.	Boolean	
Access VLAN	Choose an access VLAN	vlanID	Y
Allowed VLANs	Check one or more allowed VLANs	vlanID	Y
Add to System VLAN	Check this to add the selected VLANs to system VLANs. By default this field is unchecked.		
System VLANs	Check one or more system VLANs	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
VLAN_ID_LIST	VLAN IDs on which the selected operation was performed	vlanID
HYPERV_PORT_PROFILE_IDENTITY	HyperV Port Profile Identity	hypervVnaPortProfile Identity

Create N7K VDC

Summary

Create a VDC for a Nexus 7000 device.

Description

This task creates a virtual device context (VDC) for a Nexus 7000 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VDC Name	Provide a VDC name	gen_text_input	Y
Module Type	Enter one or more of these module types, separated with commas: f1, f2, f2e, m1, m1x1 or m2x1. For example: f2e, m2x1. If this field is left blank, the default value is used.	gen_text_input	
HA Policy	Check this option to enable the high availability policy. By default, this field is unchecked.		
Select Type	Enter one of the listed HA types: dual-sup or single-sup. If this field is left blank, the value defaults to dual-sup.	gen_text_input	Y
Select HA Policy Action	Enter an HA policy action: bringdown, reload or restart. If this field is left blank, the value defaults to bringdown.	gen_text_input	Y
VDC Number	Provide a VDC number. Use only numbers in this field. If this field is left blank, the value defaults to the first available number.	gen_text_input	
VDC password	Provide a VDC password	password	Y
VDC Template Name	Enter the VDC template name. If no template is specified, the default resource template is used.	gen_text_input	
Select VDC Type	Enter a VDC Type as storage if the VDC is a storage VDC. If this field is left blank, the VDC defaults to default VDC.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create Network Segment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Segement Name	Provide Network Segment Name	gen_text_input	Y
Network Segment Description	Provide Network Segment Description	gen_text_input	
Network Segment Type	Choose a network segment type: either Ethernet or Vethernet. By default none is selected.	gen_text_input	
IP Address / Subnet	Enter the IP address and subnet in the format X.X.X.X/Y. For example: 172.23.24.1/32.	gen_text_input	
IP Pool Template Name	Choose an IP Pool template	InfraNetworkIPPoolTemplateIdentity	
Network Segment Pool Name	Choose a network segment Pool	hyperv_n1k_network_segment_pool_identity	
Tenant VRF Name	Choose a Tenant VRF	hyperv_n1k_tenant_vrf_identity	
System Network Segment	Check this option to enable system network segmentt		
Type	Choose a segment type: VLAN, VXLAN or HNV. VLAN is selected by default. VXLAN and HNV Segment Types Supported Version: Nexus1000v HyperV 5.2(1)SM3(1.1) or later.	gen_text_input	Y
Vlan	Enter a VLAN range between 1 and 4096	vlanID	
Segement ID	Enter the segment ID between 4097 and 16777215	gen_text_input	
Private VLAN Type	Choose a private VLAN type: Primary or Secondary. By default primary is selected.	gen_text_input	
Secondary VLAN Type	Choose a secondary VLAN type: host or promiscuous. By default host is selected.	gen_text_input	
Host Type	Choose a host type: Community or Isolated. By default Community is selected.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Primary VLAN	Enter the primary VLAN details	vlanID	
Secondary VLAN	Enter the secondary VLAN details	vlanID	
Publish Network Segment	Check this to publish the network segment. By default this field is unchecked.		
Publish Network Segment Name	Enter the publish network segment name	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity
HYPERV_N1K_IP_POOL_TEMPLATE	IP Pool Template	gen_text_input
HYPERV_N1K_IP_POOL_TEMPLATE_IDENTITY	IP Pool Template Identity	InfraNetworkIPPoolTemplateIdentity
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_DEVICE_VLAN_IDENTITY	Identity for device vlan	InfraNetworkVLANIdentity
PRIMARY_VLAN_ID	Primary VLAN ID on which the selected operation was performed	vlanID
SECONDARY_VLAN_ID	Secondary VLAN ID on which the selected operation was performed	vlanID

Output	Description	Type
HYPERV_LOGICAL_NETWORK_IDENTITY	HyperV Logical Network Identity	hypervLogicalNetworkIdentity
HYPERV_LOGICALNETWORK_DEF_IDENTITY	HyperV Network Segment Pool Identity	hypervLogicalNetworkDefIdentity
HYPERV_IP_POOL_IDENTITY	HyperV IP Pool Template Identity	hypervIpPoolIdentity
HYPERV_VM_NETWORK_IDENTITY	HyperV VM Network Identity	hypervVMNetworkIdentity

Create Network Segment Pool

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Network Segment Pool Name	Enter the network segment Pool name	gen_text_input	Y
Logical Network Name	Choose a Logical network	hyperv_n1k_logical_network_identity	
Segment Type	Choose a segment type: VLAN, VXLAN or HNV. VLAN is selected by default. VXLAN and HNV Segment Types Supported Version: Nexus1000v HyperV 5.2(1)SM3(1.1) or later.	gen_text_input	
Multicast IP	Enter the multicast ip in the format x.x.x.x. For example: 239.1.1.1.	ipaddress	
Intra Port Communication	Check this for intra-port communication. By default this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_LOGICALNETWORK	Logical Network	gen_text_input
HYPERV_N1K_LOGICALNETWORK_IDENTITY	Logical Network Identity	hyperv_n1k_logical_network_identity
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input

Output	Description	Type
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity

Create Port Channel

Summary

Create a port channel.

Description

This task creates a port channel on network device and adds a description to it.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Port Channel Number	Enter a port channel number between 1 and 4096. Default value is 1.	gen_text_input	Y
Description	Enter addition description to Port Channel.	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_CHANNEL_ID	Port channel number	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface

Create Port Profile

Summary

Create a port profile on a Nexus device.

Description

This task creates and enables a port profile on a Nexus device. The port profile is available as a distributed port group on vCenter if there is a connection between the VSM and vCenter.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Port Profile Name	Enter name for port profile	gen_text_input	Y
Description	Enter description for this port profile	gen_text_input	
Type	Select the type of port profile	networking_device_port_profile_type	
Mode	Select the mode of port profile	networking_device_port_profile_mode	
Enable VXLAN Capability	Enable / Disable the VXLAN Capability.		
IP address	IP address in format i.i.i.i	ipaddress	
IP network mask	IP network mask in format m.m.m.m	ipaddress	
IP next-hop address	IP next-hop address in format i.i.i.i	ipaddress	
Access VLAN	Select VLAN	vlanID	Y
Allowed VLANs	Select list of VLAN to be allowed in trunk mode	vlanID	Y
QOS Policy Map	Select input QOS policy map	gen_text_input	
Add to System VLAN	Select this option to add the selected VLANs to System VLAN		
System VLANs	Select list of Allowed VLANs to be added to system VLAN	vlanID	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input

Output	Description	Type
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
VLAN_ID_LIST	VLAN IDs on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_NAME	Network device name on which selected operation is performed.	networking_device_name
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_SGT_IDENTITY	SGT Identity.	securityGroupTagID
PORT_PROFILE_TYPE	Name of the port profile type	networking_device_port_profile_type
PORT_PROFILE_MODE	Name of the port profile mode	networking_device_port_profile_mode

Create Private VLAN

Summary

Create a private VLAN on a Nexus device.

Description

This task creates a primary or secondary private VLAN on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VLAN ID	Enter a valid VLAN ID between 1 and 3967 or 4048 and 4093.	vlanID	Y
Private VLAN Type	Choose the private VLAN type: primary or secondary. Primary is the default.		Y
Overwrite Existing Private VLAN	Check this to overwrite the existing private VLAN. By default this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create SAN Zone

Summary

Create a SAN zone on a Nexus device to VSAN.

Description

This task creates a SAN zone on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Zone Name	Enter the Zone Name	gen_text_input	Y
VSAN Id	Select the VSAN ID	gen_text_input	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
SAN_ZONE_NAME	SAN Zone Name on which the selected operation was performed	gen_text_input
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create SAN Zone Set

Summary

Create a SAN zone set on a Nexus device to VSAN.

Description

This task creates a SAN zone set on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Zone Set Name	Enter the Zone set name	gen_text_input	Y
VSAN Id	Select the VSAN ID	gen_text_input	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
SAN_ZONE_SET_NAME	SAN Zone Set Name on which the selected operation was performed	gen_text_input
OUTPUT_SANZONE_SET_IDENTITY	Identity for San Zone Set.	networkSANZoneSet Identity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create SVI

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
VLAN Interface Number	VLAN Interface Number	gen_text_input	Y
VRF Name	Provide VRF Context Name	networking_vrf_identity	
ICMP Redirect	Check the box to enable ICMP Redirect. By default, the check box is unchecked.	Boolean	
IP Address	Eg: IPv4/Subnet 10.10.10.0/255.255.255.0,20.20.20.0/8 or IPv6/Subnet X:X:X:X::X/(0-128),Y:Y:/(0-128),Z:Z:Z:Z:Z:Z/(0-128)	gen_text_input	
Description	Provide Description	gen_text_input	
OSPF	Check the box to enable OSPF. By default, the check box is unchecked.	Boolean	
Passive-interface	Check the box to enable passive-interface. By default, the check box is unchecked.	Boolean	
OSPF Priority	Enter an OSPF priority range between (0-255).	gen_text_input	
OSPF Process ID	Enter a OSPF process id	gen_text_input	
Area	Enter a area as an integer or ip address in the format A.B.C.D or (0-4294967295)	gen_text_input	
Multi-Area	Enter a multi area as an integer or ip address in the format A.B.C.D or (0-4294967295)	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VLAN_INTERFACE_NUMBER	VLAN Interface Number on which the selected operation was performed	gen_text_input
OUTPUT_NET_DEVICE_INTERFACE_IDENTITY	Identity for network interface.	InfraNetworkInterface Identity
OUTPUT_DESCRIPTION	The Interface Description set on the device.	gen_text_input
OUTPUT_VRF	The VRF created on the device.	gen_text_input
OUTPUT_CREATE_VRF_IDENTITY	Create VRF Identity created on the device.	networking_vrf_identity

Create SXP Connection Peer

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Enable Device Tracking	Check this option to enable device tracking. By default, this field is unchecked.		
Delete Hold Period	Enter the delete hold timer period within the range (0-64000)	gen_text_input	
Enable SXP	Check this option to enable SXP. By default, this field is checked.		
Default Source IP Address	Enter the default SXP connection peer source IP address in format i.i.i.i. For example: 1.2.3.4.	ipaddress	
Default Password	Enter the default password	password	
Peer IP Address	Enter the SXP Connection Peer IP address in format i.i.i.i. For example: 1.2.3.4	ipaddress	Y
Source IP Address	Enter the SXP connection peer source IP address in format i.i.i.i. For example: 1.2.3.4	ipaddress	
Password Option	Choose one of the listed password options: default, None or Required. If this field is left blank, the value defaults to None.	gen_text_input	Y
Required Password	Enter the Required password	password	Y
Mode	Enter one of the listed modes: Speaker or Listener. If this field is left blank, the default value 'Listener' is used	gen_text_input	Y
VRF	Enter the VRF name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_ISDEVICE_TRACKING_ENABLE	The Device Tracking enabled on the device.	gen_text_input
OUTPUT_DELETE_HOLD_PERIOD	The Delete Hold Timer set on the device.	gen_text_input
OUTPUT_ISSXP_ENABLE	The SXP is enabled on the device.	gen_text_input
OUTPUT_DEFAULT_SOURCE_IP	The Default Source IP created on the device.	ipaddress
OUTPUT_DEFAULT_PASSWORD	The Default Password created on the device.	password
OUTPUT_PEER_IP	The Peer IP created on device.	ipaddress
OUTPUT_SXP_CONNECTION_PEER_IDENTITY	The SXP Connection Peer Identity.	SxpConnectionPeer Identity
OUTPUT_SOURCE_IP	The Source IP created on the device.	ipaddress
OUTPUT_PASSWORD_OPTION	The Password Option created on the device.	gen_text_input
OUTPUT_REQUIRED_PASSWORD	The Required Password created on the device.	password
OUTPUT_VRF	The VRF created on the device.	gen_text_input

Create Static MACAddress

Summary

Create a static MAC address on a Nexus device.

Description

This task creates a static MAC address entry on a Nexus device. An existing VLAN ID is required.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Select a port	networking_device_interface	Y
MAC Address	Enter a MAC address in one of these formats: E.E.E, EE-EE-EE-EE-EE-EE, EE:EE:EE:EE:EE:EE or EEEE.EEEE.EEEE. For example: 00-15-E9-2B-99-3C	gen_text_input	Y
VLAN ID	Select a VLAN ID	InfraNetwork VLANIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_MACADDRESS	Network device MAC Address on which selected operation performed.	networking_device_mac
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create Tenant VRF

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Tenant VRF Name	Enter the Tenant VRF name	gen_text_input	Y
Description	Enter the Tenant VRF description	gen_text_input	
Logical Network Name	Choose a Logical network	hyperv_n1k_logical_network_identity	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_TENANT_VRF	Tenant VRF	gen_text_input
HYPERV_N1K_NETWORK_TENANT_VRF_IDENTITY	Tenant VRF Identity	hyperv_n1k_tenant_vrf_identity
HYPERV_N1K_LOGICALNETWORK	Logical Network	gen_text_input
HYPERV_N1K_LOGICALNETWORK_IDENTITY	Logical Network Identity	hyperv_n1k_logical_network_identity

Create Uplink Network

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Uplink Name	Enter the network uplink name	gen_text_input	Y
Network Segement Pool	Choose a network segment pool	hyperv_n1k_network_segment_pool_identity	Y
Port Profile	Choose a port profile	infra_network_port_profile_name	
Network Segment	Choose a network segment	hyperv_n1k_network_segment_identity	
System Network Uplink	Check this to publish system network uplink		
Publish Network Uplink	Check this to publish network uplink		
Publish Network Uplink Name	Enter the publish network uplink name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity

Output	Description	Type
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity
HYPERV_NETWORK_UPLINK_IDENTITY	HyperV Network Uplink Identity	hypervUpLinkPortProfileIdentity

Create VFC Interface

Summary

Create a VFC on a Nexus device.

Description

This task creates a virtual fiber channel (VFC) interface on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VFC Id	Provide a VFC ID between 1 and 8192	gen_text_input	Y
Select Port	Enter a port in this format: datacenter@device_ip@hardware@interface. For example: DefaultPod@172.29.195. 162@1000/10000 Ethernet@Ethernet1/10.	gen_text_input	Y
Switch Port Mode	Enter a switch port mode: E or F. If this field is left blank, the value defaults to E.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
VFC_INTERFACE_NAME	VFC Interface name	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create VLAN

Summary

Create a VLAN.

Description

This task creates a virtual LAN (VLAN) on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
VLAN ID	Provide VLAN ID range between 1 and 3967 or 4048 and 4093.	vlanID	Y
VLAN Name	Enter a VLAN name.	gen_text_input	
Overwrite Existing VLAN	Check this option to overwrite any existing VLAN configuration.		
No Shutdown	Check this option to enable the VLAN. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
VLAN_NAME	VLAN Name on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_DEVICE_VLAN_IDENTITY	Identity for device vlan	InfraNetwork VLANIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create VRF

Summary

Create a VRF.

Description

This task creates a VPN routing and forwarding (VRF).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
VRF Name	Enter a VRF context name	gen_text_input	Y
Domain Name	Enter the domain name	gen_text_input	
DNS Servers	Enter one or more DNS servers separated with commas or spaces. No more than 6 DNS servers are allowed for one VRF. For example: cisco.com, VMware.org.	gen_text_input	
Route	Enter a route in this format: A.B.C.D/LEN. or example: 13.2.3.1/32.	gen_text_input	
Gateway	Enter a gateway IP as A.B.C.D. For example: 142.23.1.1.	ipaddress	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_VRF	The VRF created on the device.	gen_text_input
OUTPUT_VRF_IDENTITY	The VRF Identity created on the device.	gen_text_input
OUTPUT_CREATE_VRF_IDENTITY	Create VRF Identity created on the device.	networking_vrf_identity
OUTPUT_DOMAIN_NAME	The VRF created on the device.	gen_text_input

Create VSAN

Summary

Create a VSAN.

Description

This task creates a virtual storage area network (VSAN) on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
VSAN ID	Provide a VSAN ID between 2 and 4093.	vsanID	Y
VSAN Name	Enter a VSAN name.	gen_text_input	
Enhance	Check this option to Enhance the VSAN. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
VSAN_NAME	VSAN Name on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Create VXLAN

Summary

Create a VXLAN on a Nexus 1000V device.

Description

This task creates a VXLAN on a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Provide a domain name for VXLAN bridge	gen_text_input	Y
VXLAN Id	Provide a VXLAN ID in the range 4096 to 1600000	gen_text_input	Y
Mode Unicast	Check this option to set the unicast mode for the VXLAN. By default, this field is checked.		
VXLAN Group IP Address	Provide the multicast IP address for the VXLAN in the format i.i.i.i. For example: 224.0.0.5.	ipaddress	Y
Distribution learning MAC	Check this option to set floodless learning using the MAC. By default, this field is checked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VXLAN_ID	VXLAN ID on which the selected operation was performed	vlanID
VXLAN_DOAMIN_NAME	VXLAN Domain Name on which the selected operation was performed	gen_text_input

Create VXLAN Encapsulate segment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Select the domain name for the VXLAN bridge.	gen_text_input	Y
Encapsulation profile Segment	Enter the encapsulation profile segment	gen_text_input	Y
VLAN ID	Select the VLAN ID	InfraNetwork VLANIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
ENCAPSULATION_PROFILE_SEGMENT_NAME	Name of the encapsulation profile segment on which the selected operation was performed	gen_text_input
ENCAPSULATION_PROFILE_SEGMENT_NAME_IDENTITY	Name of the encapsulation profile segment on which the selected operation was performed	infra_network_encapsulation_profile_segment_name

Delete ACL Entry

Summary

Delete an ACL entry.

Description

This task deletes an ACL entry.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
ACL Name	Choose an ACL name for deletion	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Associate Private VLAN

Summary

Delete an associated private VLAN.

Description

This task deletes the association of the primary VLAN to a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Primary VLAN ID	Enter a VLAN ID between 1 and 3967 or 4048 and 4093 to delete the association.	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Device Alias

Summary

Delete a device alias.

Description

This task deletes a device alias on a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Device Alias Name	Select one or more device alias name(s).	networking_san_device_alias_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_SAN_DEV_ALIAS	Device alias on which selected operation performed.	networking_san_device_alias_identity
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Device FCALias

Summary

Delete a device fcAlias.

Description

This task deletes a fiber channel alias from a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
FC Alias Name	Choose an FC alias name	FCAliasIdentity	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Host Name

Summary

Delete a host name on a Nexus device.

Description

This task deletes a host name on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Host Name	Select Host Name to be deleted	networking_device_ host_name	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
HOST_NAME	Host Name on which the selected operation was performed	networking_device_host_name
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete IP ACL Rule

Summary

Delete an IP ACL Rule from a Nexus 1000V device.

Description

This task deletes an IP access control list (ACL) rule for Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select IP ACL Rule	Choose an IP ACL rule for deletion	networking_nxos_ip_acl_info	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input

Delete IP Pool Template

Summary

Delete an IP pool template on a Nexus 1000V device.

Description

This task deletes an IP pool template from a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Select IP Pool Template Name	Choose an IP Pool template to delete	InfraNetworkIPPool TemplateIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_IP_POOL_TEMPLATE	IP Pool Template	gen_text_input
HYPERV_N1K_IP_POOL_TEMPLATE_IDENTITY	IP Pool Template Identity	InfraNetworkIPPool TemplateIdentity

Delete Inherit Port Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Uplink	Choose a network uplink to delete the associated port profile	hyperv_n1k_network_uplink_identity	Y
Port Profile	Choose a port profile		Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity

Delete Logical Network

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Logical Network Name	Choose a Logical network to delete	hyperv_n1k_logical_network_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_LOGICALNETWORK	Logical Network	gen_text_input
HYPERV_N1K_LOGICALNETWORK_IDENTITY	Logical Network Identity	hyperv_n1k_logical_network_identity

Delete Loopback Interface

Summary

Delete Loopback Interface.

Description

This task deletes a Loopback Interface.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Loopback Interface	Select a loopback interface to be deleted.	Loop Back Interface Identity	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Delete MAC ACL Rule

Summary

Delete a MAC ACL Rule from a Nexus 1000V device.

Description

This task deletes a MAC access control list (ACL) rule from a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select MAC ACL Rule	Choose a MAC ACL rule for deletion	networking_nxos_mac_acl_info	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_ACL_NAME	ACL on which selected operation performed.	gen_text_input

Delete N9K QOS Profile

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Platinum Class	Check this option to configure platinum class parameters. By default, this field is unchecked.		
Configure Gold Class	Check this option to configure gold class parameters. By default, this field is unchecked.		
Configure Silver Class	Check this option to configure silver class parameters. By default, this field is unchecked.		
Configure Default Class	Check this option to configure default class parameters. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
Request Approval	Check this option to request approval to deliver commands to the device. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Delete NAT

Summary

Delete a NAT table.

Description

This task deletes a NAT table from a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAT	Select a NAT to be deleted.	asa_device_nat_context	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_NAT_REAL_INTERFACE_IDENTITY	ASA NAT REAL INTERFACE IDENTITY	NetworkNamedInterface Identity
OUTPUT_NAT_MAPPED_INTERFACE_IDENTITY	ASA NAT MAPPED INTERFACE IDENTITY	NetworkNamedInterface Identity
OUTPUT_NAT_SOURCE_REAL_OBJECT_IDENTITY	NAT SOURCE REAL NETWORK OBJECT IDENTITY	NATSourceOrDestination Identity
OUTPUT_NAT_SOURCE_MAPPED_OBJECT_IDENTITY	NAT SOURCE MAPPED NETWORK OBJECT IDENTITY	NATSourceOrDestination Identity

Delete NTP Configurations

Summary

Delete an NTP configuration from a Nexus device.

Description

This task deletes an NTP configurations from a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server IP	Select a NTP server IP to be deleted.	networking_ntp_peer_identity	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NTP_SERVER_IP	NTP server IP	ipv4Address

Delete Network Element

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Delete Network Segment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a Networking device	networking_device	Y
Network Segment	Choose a network segment to delete	hyperv_n1k_network_segment_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity

Delete Network Segment Pool

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Network Segment Pool Name	Choose a network segment pool to delete	hyperv_n1k_network_segment_pool_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity

Delete Port Channel

Summary

Delete a port channel.

Description

This task deletes a port channel from a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select Port Channel Name	Select a port channel for deletion.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_CHANNEL_NAME	Port channel name	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Port Profile

Summary

Delete the port profile from a Nexus device.

Description

This task deletes a port profile from a Nexus switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Select Port Profile	Select a port profile for deletion	infra_network_port_profile_name	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Private VLAN

Summary

Delete a private VLAN from a device.

Description

This task delete a private VLAN from a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VLAN ID	Choose a private VLAN to delete	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete SAN Zone

Summary

Delete a SAN zone.

Description

This task deletes a zone under a VSAN on a networking device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select the networking device.	networking_device	Y
SAN Zone	Select a SAN zone.	networkSANZone Identity	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
SAN_ZONE_NAME	SAN Zone Name on which the selected operation was performed	gen_text_input
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZone Identity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete SAN Zone Set

Summary

Delete a SAN zone set on a Nexus device.

Description

This task deletes a SAN zone set on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
SAN Zone Set	elect one or more SAN Zone set	networkSANZoneSetIdentity	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
SAN_ZONE_NAME	SAN Zone Name on which the selected operation was performed	gen_text_input
OUTPUT_SANZONE_SET_IDENTITY	Identity for San Zone Set.	networkSANZoneSetIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete Tenant VRF

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Tenant VRF Name	Choose a Tenant VRF to delete	hyperv_n1k_tenant_vrf_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_TENANT_VRF	Tenant VRF	gen_text_input
HYPERV_N1K_NETWORK_TENANT_VRF_IDENTITY	Tenant VRF Identity	hyperv_n1k_tenant_vrf_identity

Delete Uplink Network

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Uplink	Choose a network uplink to delete	hyperv_n1k_network_uplink_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity

Delete VFC Interface

Summary

Delete a VFC interface.

Description

This task deletes a Virtual Fiber Channel (VFC) interface from a configurable fiber channel on ethernet (FCoE) Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select VFC Interface	Choose the VFC interface name	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VFC_INTERFACE_NAME	VFC Interface name	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete VLAN

Summary

Delete a VLAN.

Description

This task deletes a virtual LAN (VLAN) from a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
VLAN ID	Choose a VLAN ID to be deleted.	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
VLAN_NAME	VLAN Name on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete VRF

Summary

Delete a VRF.

Description

This task removes a VPN routing and forwarding (VRF).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
VRF Name	Choose a VRF context to delete	networking_vrf_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_VRF	The VRF created on the device.	gen_text_input
OUTPUT_VRF_IDENTITY	The VRF Identity created on the device.	gen_text_input
OUTPUT_CREATE_VRF_IDENTITY	Create VRF Identity created on the device.	networking_vrf_identity

Delete VSAN

Summary

Delete a VSAN.

Description

This task deletes a virtual storage area network (VSAN) on network devices.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
VSAN ID	Choose a VSAN ID to be deleted.	vsanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
VSAN_NAME	VSAN Name on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Delete VXLAN Encapsulate segment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
encapsulation profile Segment	Select the encapsulation profile segment	infra_network_encapsulation_profile_segment_name	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
ENCAPSULATION_PROFILE_SEGMENT_NAME	Name of the encapsulation profile segment on which the selected operation was performed	gen_text_input
ENCAPSULATION_PROFILE_SEGMENT_NAME_IDENTITY	Name of the encapsulation profile segment on which the selected operation was performed	infra_network_encapsulation_profile_segment_name

Enable SmartZone

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
VSAN ID	Choose a VSAN ID to be associated.	vsanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VSAN_ID	VSAN ID on which the selected operation was performed	vsanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Encapsulate VXLAN Port Profile with Segment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port Profile	Choose the port profile name.	gen_text_input	Y
encapsulation profile Segment	Select the encapsulation profile segment	infra_network_encapsulation_profile_segment_name	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
ENCAPSULATION_PROFILE_SEGMENT_NAME	Name of the encapsulation profile segment on which the selected operation was performed	gen_text_input
ENCAPSULATION_PROFILE_SEGMENT_NAME_IDENTITY	Name of the encapsulation profile segment on which the selected operation was performed	infra_network_encapsulation_profile_segment_name

Encapsulate VXLAN PortProfile

Summary

Encapsulate a VXLAN to a VLAN.

Description

This task encapsulates a VXLAN into a VLAN in a port profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Select the domain name for the VXLAN bridge.	gen_text_input	Y
Select Port Profile	Choose the port profile name.	gen_text_input	Y
VLAN ID	Select the VLAN ID	InfraNetwork VLANIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name

Execute Network Device CLI

Summary

Execute CLI commands on a network device.

Description

This task executes CLI commands on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device(s)	Choose a networking device	networking_device	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		
CLI Commands	Enter the list of commands to execute on the network device		Y
Undo CLI Commands	Enter the undo CLI commands to execute on the network device		
Error	Enter the list of error string needs to check on the device response		

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input

Generic Configure SAN Zoning

Summary

Configure SAN zoning on a UCS CIMC or Nexus device.

Description

This task creates generic SAN zoning on a compute or network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Type	Choose a service profile type for SAN zoning		
Service Profile	Choose a service profile	ucsServiceProfile Identity	Y
Global Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
CIMC Server	Choose a CIMC server IP	cimcServerIdentity	Y
Configure One to One zones	Check this to configure one to one zones		
Activate Zone Set	Check this to activate the zone set after creation		
Commit Zone	Check this to commit the zone set after creation		
Device Alias	Check this to enable device alias		
Prefer SmartZoning if device supports	Check this to enable smart zoning		
Select vHBA	Choose the vHBA for fabric A in this format: xx:xx:xx:xx:xx:xx:xx:xx. For example: 20:00:00:25:B5:00:0A:1F.	gen_text_input	Y
Device Alias Fab A v HBA	Enter a device alias name for the vHBA - fabric A	gen_text_input	
VSAN ID	This is a non-editable field. It displays the VSAN associated with the vHBA.	gen_text_input	
Zone Name	Enter the zone name for configuration of fabric A	gen_text_input	
Storage Account Type	Choose a storage account type: NetApp, ONTAP/EMC VNX, Block/EMC VNX, Unified/EMC, VNXe/EMC, VMAX/EMC, XtremIO/EMC, VPLEX/IBM Storwize, V7000 Unified/IBM storage Array/IBM	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	Storwize V7000/IBM SAN Volume controller. By default no account type is selected.		
Storage Account Name (Primary)	Choose a primary storage account name for fabric A	gen_text_input	
Storage FC Adapter (Primary)	Select a primary storage FC adapter for fabric A	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for the primary FC adapter. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Configure Secondary Head	Check this to configure secondary head for fabric A. By default this field is unchecked.		
Storage Account Name (Secondary)	Choose a secondary storage account name for fabric A	gen_text_input	
Storage FC Adapter (Secondary)	Select a secondary storage FC adapter for fabric A	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for secondary FC adapter for fabric A. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Secondary Zone Name	Enter the secondary zone name to configure for fabric A	gen_text_input	
Select Device	Select device for Fabric A configuration	infraNetCiscoSan DeviceIdentity	Y
Select Source Port	Choose the source port for fabric A.	gen_text_input	Y
Select Mapping VSAN	Choose a VSAN ID for fabric A between 2 and 4093	gen_text_input	Y
Configure Fabric B	Check this to configure fabric B. By default this field is unchecked.	Boolean	
Select vHBA	Choose the vHBA for fabric A in this format: xx:xx:xx:xx:xx:xx:xx:xx. For example: 20:00:00:25:B5:00:0A:1F.	gen_text_input	Y
Device Alias Fab B v HBA	Enter the device alias name for the vHBA - fabric B	gen_text_input	
VSAN ID	This is a non-editable field. It displays the VSAN associated with the vHBA - fabric B.	gen_text_input	
Zone Name	Enter the zone name for configuring fabric B	gen_text_input	
Storage Account Type	Choose a storage account type for fabric B: NetApp, ONTAP/EMC VNX, Block/EMC	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	VNX, Unified/EMC, VNXe/EMC, VMAX/EMC, XtremIO/EMC, VPLEX/IBM Storwize, V7000 Unified/IBM storage Array/IBM Storwize V7000/IBM SAN Volume controller. By default none is selected.		
Storage Account Name (Primary)	Choose a primary storage account name for fabric B	gen_text_input	
Storage FC Adapter (Primary)	Select a primary storage FC adapter for fabric B	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for the primary FC adapter for fabric B. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Configure Secondary Head	Check this to configure the secondary head of fabric B. By default this field is unchecked.		
Storage Account Name (Secondary)	Choose a secondary storage account name for fabric B	gen_text_input	Y
Storage FC Adapter (Secondary)	Select a secondary storage FC adapter for fabric B	GENERIC_FC_ADAPTER_LIST	Y
Device Alias FC Adapter	Enter the device alias name for secondary FC adapter for fabric B. If multiple FC adapters are available, the name is used as a prefix.	gen_text_input	
Zone Name	Enter the secondary zone name to configure for the fabric B	gen_text_input	
Select Device	Select device for Fabric B configuration	infraNetCiscoSan DeviceIdentity	Y
Select Source Port	Select the source port for fabric B	gen_text_input	Y
Select Mapping VSAN	Select a VSAN ID for fabric B between 2 and 4093	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
FABRIC_A_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric A	gen_text_input

Output	Description	Type
OUTPUT_FAB_A_ZONE_1_NAME	Name of the zone1 that was created for fabric A	gen_text_input
OUTPUT_FAB_A_ZONE_2_NAME	Name of the zone2 that was created for fabric A	gen_text_input
FABRIC_A_DEVICE_IP	Switch IP Address (Fabric A)	networking_device
FABRIC_A_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
OUTPUT_FAB_A_ZONE_1_IDENTITY	Identity for SAN Zone 1 created for fabric A	gen_text_input
OUTPUT_FAB_A_ZONE_2_IDENTITY	Identity for SAN Zone 2 created for fabric A	gen_text_input
FABRIC_B_ZONESET_NAME	Name of the zoneset on which the selected operation was performed for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_1_NAME	Name of the zone1 that was created for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_2_NAME	Name of the zone2 that was created for fabric B	gen_text_input
FABRIC_B_DEVICE_IP	Switch IP Address (Fabric B)	networking_device
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
FABRIC_B_VSAN_ID	VSAN ID on which the selected operation was performed	gen_text_input
OUTPUT_FAB_B_ZONE_1_IDENTITY	Identity for SAN Zone 1 created for fabric B	gen_text_input
OUTPUT_FAB_B_ZONE_2_IDENTITY	Identity for SAN Zone 2 created for fabric B	gen_text_input
OUTPUT_FAB_A_PRIMARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 1 created for fabric A	gen_text_input
OUTPUT_FAB_A_SECONDARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 2 created for fabric A	gen_text_input
OUTPUT_FAB_B_PRIMARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 1 created for fabric B	gen_text_input
OUTPUT_FAB_B_SECONDARY_PORT_LIST_IDENTITY	Port List Identity for SAN Zone 2 created for fabric B	gen_text_input
FABRIC_B_VDC_NAME	VDC Name (Fabric B)	nxosVDCIdentity

Inherit Port Profile

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Uplink	Choose a network uplink	hyperv_n1k_network_uplink_identity	Y
Port Profile	Choose a port profile	infra_network_port_profile_name	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity

Modify Service Policy

Summary

Modify a Service Policy.

Description

This task modifies a Service Policy on a network device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select Interface	Select an interface.	networking_device_interface	Y
Service Policy type	Choose a service policy type as QOS or queuing. The default is QOS.		Y
Service Policy direction	Choose a service policy direction as input or output. The default is input.		
Select Policy Map	Select a service policy map.	ucsPolicyMap Identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_SERVICE_POLICY_TYPE	Name of service policy on which selected operation was performed.	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_POLICY_MAP	Name of policy map on which selected operation was performed.	gen_text_input

Provision Network

Summary

Perform network configuration related to vmWare.

Description

This task configures the VLAN and access control list (ACL) on a device based on the network provisioning policy. When the Network Provisioning Policy is defined with a private VLAN, this task configures both primary and secondary VLANs. If an ESX(i) host is selected, this task configures the VLAN and ACL on a network device associated with the ESX(i) host and creates vSwitches on the host. If network devices are selected, the VLAN and ACL are configured on the device itself. If a Nexus 1000V switch is selected, this task configures port profiles on it.

Inputs

Input	Description	Mappable To Type	Mandatory
Use vDC	Check this option to set the provisioning network vDC hosts. By default, this field is unchecked.		
Select Devices	Choose one or more networking devices.	deviceMultiSelect	Y
Select vDC	Choose the vDC to associate with the network.	vDC	Y
Network Provisioning Policy	Enter a network provisioning policy name.	gen_text_input	Y
VLAN ID	Enter a VLAN ID. A value of 0 causes the system to automatically assign an available VLAN ID. The valid range is 2 to 4094.	vlanID	
vSwitch Name	Enter the name of the Vswitch to be created on the selected VMware hosts.	vSwitchName	

Outputs

Output	Description	Type
VLAN_ID	VLAN ID that was created	gen_text_input
PORT_GROUP	Port group that was created	gen_text_input
KERNEL_PORT_GROUP	Kernel Port group that was created	gen_text_input
OUTPUT_HOST_LIST	Comma-separated hosts on which network provision is done.	vmHost

Publish to SCVMM

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Object	Choose a network object type to publish	gen_text_input	
Network Uplink	Choose a network uplink to publish	hyperv_n1k_network_uplink_identity	Y
Port Profile	Choose a port profile	infra_network_port_profile_name	Y
Network Segment	Choose a network segment	hyperv_n1k_network_segment_identity	Y
Publish Name	Enter the publish name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input

Output	Description	Type
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity
HYPERV_LOGICAL_NETWORK_IDENTITY	HyperV Logical Network Identity	hypervLogicalNetworkIdentity
HYPERV_LOGICALNETWORK_DEF_IDENTITY	HyperV Network Segment Pool Identity	hypervLogicalNetworkDefIdentity
HYPERV_IP_POOL_IDENTITY	HyperV IP Pool Template Identity	hypervIpPoolIdentity
HYPERV_VM_NETWORK_IDENTITY	HyperV VM Network Identity	hypervVMNetworkIdentity
HYPERV_NETWORK_UPLINK_IDENTITY	HyperV Network Uplink Identity	hypervUpLinkPortProfileIdentity
HYPERV_PORT_PROFILE_IDENTITY	HyperV Port Profile Identity	hypervVnaPortProfileIdentity

Purge Network Device Configuration Data

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Purge Type	Choose a purge type. The purge types are date and size, default value is date.	gen_text_input	
Date Type	Choose a date type. The date types are Before Date, After Date and Between Date. The default is Before Date.	gen_text_input	
Size Type	Choose a size type. The size types are Greater (size), Lesser (size) and Between (size). The default is Greater (size).	gen_text_input	
Delete Before	Provide a before date.	date_time	
Delete After	Provide an after date.	date_time	
From Date	Provide a from date.	date_time	
To Date	Provide a to date.	date_time	
Greater Size (Byte)	Enter an upper size at which to purge network device configuration data.	gen_text_input	
Lesser Size (Byte)	Enter a lower size at which purge network device configuration data.	gen_text_input	
Between Size (Byte)	Enter a size as a range. For example: 10-20. Network device configuration data that are in this range will be purged.	gen_text_input	
Show Report	Check this option to show a report. By default, this field is unchecked.	gen_text_input	
Purge Data Report	Select one or more rows to show report.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Push NTP Configurations

Summary

Push an NTP configuration to a Nexus device.

Description

This task pushes a network time protocol (NTP) configuration to a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
NTP Server IP	Enter an NTP server IP in the format i.i.i.i.	ipv4Address	
NTP Stratum number	Enter a stratum number between 1 and 15.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NTP_SERVER_IP	NTP server IP	ipv4Address
OUTPUT_NTP_STRATUM_NUMBER	NTP Stratum number.	gen_text_input
OUTPUT_NTP_SERVER_IP_IDENTITY	NTP server IP Identity	networking_ntp_peer_identity

Remove HSRP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
HSRP Group Number	HSRP Group Number.	HSRPGroupNumber Identity	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove Member From SAN Zone

Summary

Remove a member from a SAN zone on a Nexus device.

Description

This task removes a member from a SAN zone on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
SAN Zone	Select a SAN Zone	networkSANZoneIdentity	Y
Type	Choose one of the listed type members: pWWN, FCALIAS or devicealias. If this field is left blank, the value defaults to pWWN.	gen_text_input	
FCALIAS	Choose one or more FCALIAS	FCAliasIdentity	
Member	Enter the value for the member in this format: hh:hh:hh:hh:hh:hh:hh:hh. For example: 11:11:11:11:11:11:11:11.	gen_text_input	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_SANZONE_MEMBER	San Zone Member Configured.	gen_text_input
OUTPUT_SANZONE_TYPE	San Zone Type Configured.	gen_text_input
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove N7K VDC

Summary

Remove a VDC from a Nexus 7000 device.

Description

This task removes a virtual device context (VDC) from a Nexus 7000 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VDC Name	Select a VDC name	nxosVDCIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove Port From VDC

Summary

Remove a port from a VDC.

Description

This task de-allocates a port from a virtual device channel (VDC).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VDC Name	Select a VDC name	nxosVDCIdentity	Y
Select Port	Enter a port in this format: datacenter@device_ip@hardware@interface. For example: DefaultPod@172.29.195. 162@1000/10000 Ethernet@Ethernet1/10.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove Private VLAN Ports

Summary

Remove private VLANs from a port.

Description

This task removes the private VLANs from a port.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select Port	Provide the port to remove private VLAN. For example: Ethernet1/23.	gen_text_input	Y
Type	Choose a private VLAN port type		Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove SVI

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VLAN Interface	Select the VLAN Interface	networking_vlan_interface_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Remove SXP Connection Peer

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Disable Device Tracking	Check this option to disable device tracking. By default, this field is unchecked		
Remove Delete Hold Period	Check this option to remove the delete hold timer period. By default, this field is unchecked.	gen_text_input	
Disable SXP	Check this option to disable SXP. By default, this field is unchecked		
Remove Default Source IP Address	Check this option to remove the default source IP address. By default, this field is unchecked Default Source IP Address.		
Remove Default Password	Check this option to remove the default password. By default, this field is unchecked		
Peer IP Address	Select the SXP connection peer IP address to be removed.	SxpConnectionPeerIdentity	Y
Source IP Address	Enter the SXP connection peer source IP address in format i.i.i.i. For example: 1.2.3.4	ipaddress	
Password Option	Choose one of the listed password options: default, None or Required. If this field is left blank, the value defaults to None.	gen_text_input	
Required Password	Enter the Required password	password	
Mode	Enter one of the listed modes: Speaker or Listener. If this field is left blank, the default value 'Listener' is used	gen_text_input	
VRF	Enter the VRF name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove San Zone From Zone Set

Summary

Remove SAN zone from zone set for the Nexus device.

Description

This task removes a SAN zone from a SAN zone set on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
SAN Zone Set	Select a SAN Zone Set	networkSANZoneSet Identity	Y
SAN Zone	Select one or more SAN Zone	networkSANZone Identity	Y
Commit San Zone	Check this option if the SAN zone mode is enhanced. By default, this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SANZONE_SET_IDENTITY	Identity for San Zone Set.	networkSANZoneSet Identity
OUTPUT_SANZONE_IDENTITY	Identity for San Zone.	networkSANZoneIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove Static MACAddress

Summary

Remove static MAC address from a Nexus device.

Description

This task removes a static MAC address entry from a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
MAC Address	Select a MAC address	networking_device_mac	Y
VLAN ID	This field shows the VLAN ID of the selected MAC address. This field cannot be modified.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_MACADDRESS	Network device MAC Address on which selected operation performed.	networking_device_mac
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove System VLAN Undo Configuration

Summary

Remove VLANs from a trunk on a Nexus 1000V device.

Description

This task removes system VLANs from a trunk on a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Port Profile Name	Select the port profile name	gen_text_input	Y
System VLANs	Enter a list of system VLANs to be removed between 0 and 4094, separated by commas. For example: 5, 30.	vlanID	Y
Select N1K Uplink Switch A	Select the N1K Uplink Switch A Device	networking_device	Y
Select Trunk Interface	Select one or more trunk interface from which control vlan need to be removed.	gen_text_input	Y
Control VLAN ID	Select Control VLAN ID to be removed from the trunk	vlanID	Y
Select N1K Uplink Switch B	Select a N1K Uplink Switch B Device		
Select Uplink Switch B	Select Uplink Switch B Device	networking_device	Y
Select Trunk Interface	Select trunk interface from which control vlan need to be removed.	gen_text_input	Y
Control VLAN ID	Select one or more Control VLAN ID to be removed from the trunk	vlanID	Y

Outputs

No Outputs

Remove System VLAN from Port Profile

Summary

Remove system VLANs from a port profile.

Description

This task removes system VLANs from a port profile on a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Select Port Profile	Select the port profile name	gen_text_input	Y
Select VLANs	Enter a list of system VLANs to be removed between 0 and 4094, separated by commas. For example: 5, 30.	vlanID	Y
Select N1K Uplink Switch A	Select the N1K Uplink Switch A Device	networking_device	Y
Select Trunk Interface	Select one or more trunk interface from which control vlan need to be removed.	gen_text_input	Y
Control VLAN ID	Select Control VLAN ID to be removed from the trunk	vlanID	Y
Select N1K Uplink Switch B	Check this option to enable the N1K uplink switch B device. By default, this field is unchecked		
Select N1K Uplink Switch B	Select the N1K Uplink Switch B Device	networking_device	Y
Select Trunk Interface	Select one or more trunk interface from which control vlan need to be removed.	gen_text_input	Y
Control VLAN ID	Select Control VLAN ID to be removed from the trunk	vlanID	Y

Outputs

No Outputs

Remove VPC PortChannel

Summary

Remove VPC PortChannel.

Description

This task removes a virtual port channel (VPC) from a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port Channel Name	Enter a port channel name in this format: datacenter@device_ip@port_channel_number@peer_link@vPC_domain_id. For example: DefaultPod@172.29.195.162@Po14@No@15.	gen_text_input	Y
VPC PeerLink	Check this option to configure the port channel as a VPC peer link. By default, this field is checked.		
Domain Id	This field shows the domain ID of the configured vPC port channel. This field cannot be modified.		Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Remove VXLAN

Summary

Remove a VXLAN from a Nexus 1000V device.

Description

This task removes a VXLAN from a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Select the domain name for the VXLAN bridge.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Reset Password

Summary

Reset a password.

Description

This task resets a password on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select User Name	Select user name	password_reset_username	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_USERNAME	Password Reset User Name	password_reset_username

Switch Port Action

Summary

Configure a switch port to UP or DOWN.

Description

This task configures the administrative UP or DOWN state on a switch port.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Switch Port	Choose a switch port.	switchPort	Y
Switch Port Action	Choose a switch port action, either Up or Down. The default value is Up.		Y

Outputs

No Outputs

UnAssign MACAddress Port

Summary

Remove a static MAC address from the layer 3 interface on a Nexus device.

Description

This task removes the static MAC address entry from a layer 3 interface on a Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port	Select a port	networking_device_interface	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

UnAssign VXLAN PortProfile

Summary

Remove the assignment of a VXLAN from a PortProfile Nexus device.

Description

This task removes the assignment of a VXLAN from a PortProfile Nexus device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Select Port Profile	Choose the port profile name.	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

UnAssociate VSAN from VLAN

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Vlan	Select a VLAN ID	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_DEVICE_VLAN_IDENTITY	Identity for device vlan	InfraNetwork VLANIdentity
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Unassign VLAN from Group

Summary

Unassign a VLAN from a UCS Director group.

Description

This task unassigns a VLAN from a UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
VLAN ID	Choose the VLAN ID. The valid range is between 1 and 3967 or 4048 and 4093.	vlanID	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID

Update Device FC Alias

Summary

Update a device fcAlias.

Description

This task updates a fiber channel alias on a device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
FC Alias Name	Choose an FC alias name	FCAliasIdentity	Y
Members list	Provide one or more member details that can be associated with the FC alias		Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_SAN_FC_ALIAS	FC alias on which selected operation performed.	FCAliasIdentity

Update HSRP

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
HSRP Group Number	HSRP Group Number.	HSRPGroupNumber Identity	Y
Enabled HSRPV2	Check the box to enable hsrp version 2. By default, the check box is unchecked.	Boolean	
Authentication Text	Enter the authentication text. The text must be no more than 8 characters long.	password	
Preempt	Check the box to enable preempt. By default, the check box is checked.	Boolean	
Min Preempt Delay Time	Min Preempt Delay Time.	gen_text_input	
Priority	Priority.	gen_text_input	
Lower Threshold Time	Lower Threshold Time.	gen_text_input	
Upper Threshold Time	Upper Threshold Time.	gen_text_input	
Hello Interval	Hello Interval.	gen_text_input	
Hold Time Interval	Hold Time Interval.	gen_text_input	
Virtual IP Address	Virtual IP Address in Format i.i.i.i.	ipaddress	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Output	Description	Type
OUTPUT_INTERFACE_NAME	The Interface Name set on the device.	gen_text_input
OUTPUT_GROUP_NUMBER	The HSRP Group Number set on the device.	gen_text_input
OUTPUT_HSRP_GROUP_NUMBER_IDENTITY	The HSRP Group Number Identity.	HSRPGroupNumber Identity
OUTPUT_AUTHENTICATION_TEXT	The Authentication Text set on the device.	password
OUTPUT_PRIORITY	The Priority set on the device.	gen_text_input
OUTPUT_MIN_PREEMPT_DELAY_TIME	The Min Preempt Delay Time set on the device.	gen_text_input
OUTPUT_LOWER_THRESHOLD_PERIOD	The Lower Threshold Period set on the device.	gen_text_input
OUTPUT_UPPER_THRESHOLD_PERIOD	The Upper Threshold Period set on the device.	gen_text_input
OUTPUT_HELLO_INTERVAL	The Hello Interval set on the device.	gen_text_input
OUTPUT_HOLD_INTERVAL	The Hold Interval set on the device.	gen_text_input
OUTPUT_VIRTUAL_IP	The Virtual IP Address set on the device.	gen_text_input

Update Ip Pool Template

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Select IP Pool Template Name	Choose an IP pool template to update	InfraNetworkIPPool TemplateIdentity	Y
IP Address From Range	Enter the IP address start as A.B.C.D. For example: 2.3.4.5.	ipaddress	Y
IP Address To Range	Enter the IP address end as A.B.C.D. For example: 4.4.5.2.	ipaddress	Y
Network Address	Enter the network IP address as A.B.C.D. For example: 182.4.3.22.	ipaddress	Y
Network Subnet Mask	Enter the network subnet mask as A.B.C.D. For example: 255.255.1.1.	ipaddress	Y
Description	Enter the IP pool template description	gen_text_input	
Default Router	Enter the Gateway for IP pool template as A.B.C.D. For example: 172.23.23.44.	ipaddress	
DNS Server	Enter the DNS server IP as A.B.C.D. For example: 12.3.4.5.	ipaddress	
DNS Suffix	Enter the DNS suffix	gen_text_input	
Netbios Name Server	Enter the NetBios name server IP as A.B.C.D. For example: 12.3.4.5.	ipaddress	
Select Netbios Type	Choose a NetBios state: enabled or disabled. By default state is disabled.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Output	Description	Type
HYPERV_N1K_IP_POOL_TEMPLATE	IP Pool Template	gen_text_input
HYPERV_N1K_IP_POOL_TEMPLATE_IDENTITY	IP Pool Template Identity	InfraNetworkIPPoolTemplateIdentity

Update N1K HyperV Port Profile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Port Profile Name	Choose a port profile	infra_network_port_profile_name	Y
Description	Enter the port profile description	gen_text_input	
Port Profile Type	By default port profile type is ethernet. This field is not editable.	networking_device_port_profile_type	Y
Channel Group Mode	Choose a channel group mode: Sub-Group or MAC-Pinning. By default Sub-Group is selected.	gen_text_input	
Sub Group Type	Choose a sub group type: CDP or Manual. By default CDP is selected.	gen_text_input	
Publish Port Profile	Select to Publish VEthernet Port Profile	gen_text_input	
Publish Port Profile Name	Select to Publish VEthernet Port Profile Name	gen_text_input	
Mode	Select Mode Type as Trunk or Access	networking_device_port_profile_mode	
Enable VXLAN Capability	Enable / Disable the VXLAN Capability.	Boolean	
Access VLAN	Select VLAN	vlanID	Y
Action	Select action to add or remove VLANs from port profile	gen_text_input	
System VLAN	Check this to add the selected VLANs to system VLANs. By default this field is unchecked.		
Allowed VLANs	Select list of VLAN to be allowed in trunk mode	vlanID	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
VLAN_ID_LIST	VLAN IDs on which the selected operation was performed	vlanID
HYPERV_PORT_PROFILE_IDENTITY	HyperV Port Profile Identity	hypervVnaPortProfile Identity

Update N7K VDC

Summary

Update the VDC for a Nexus 7000 device.

Description

This task updates a virtual device context (VDC) for a Nexus 7000 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
VDC Name	Select a VDC name	nxosVDCIdentity	Y
Module Type	Enter one or more of these module types, separated with commas: f1, f2, f2e, m1, m1x1 or m2x1. For example: f2e, m2x1. If this field is left blank, the default value is used.	gen_text_input	
HA Policy	Check this option to enable the high availability policy. By default, this field is unchecked.		
Select Type	Enter one of the listed HA types: dual-sup or single-sup. If this field is left blank, the value defaults to dual-sup.	gen_text_input	Y
Select HA Policy Action	Enter an HA policy action: bringdown, reload or restart. If this field is left blank, the value defaults to bringdown.	gen_text_input	Y
VDC Template Name	Enter the VDC template name. If no template is specified, the default resource template is used.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Update Network Segment

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Network Segment	Choose a network segment to update	hyperv_n1k_network_segment_identity	Y
Network Segment Description	Enter the network segment description	gen_text_input	
Network Segment Type	This field is not-editable. Type is set based on the network segment selected.	gen_text_input	
IP Address / Subnet	Enter the IP address/Subnet in the format X.X.X.X/Y. For example: 172.23.24.1/32.	gen_text_input	
IP Pool Template Name	Choose an IP pool template	InfraNetworkIPPoolTemplateIdentity	
Network Segment Pool Name	Choose a network segment pool	hyperv_n1k_network_segment_pool_identity	
Tenant VRF Name	Choose a tenant VRF	hyperv_n1k_tenant_vrf_identity	
System Network Segment	Check this option to enable the system network segment. By default this field is unchecked.		
Type	Choose a segment type: VLAN, VXLAN or HNV. VLAN is selected by default.	gen_text_input	Y
Vlan	Enter the VLAN ID between 1 and 4096.	vlanID	
Segment ID	Enter the bridge domain ID between 4097 and 16777215.	gen_text_input	
Private VLAN Type	Choose a private VLAN type: Primary or Secondary. By default primary is selected.	gen_text_input	
Secondary VLAN Type	Choose a secondary VLAN type: Host or Promiscuous. By default host is selected.	gen_text_input	
Host Type	Choose a host type: Community or Isolated. By default Community is selected.	gen_text_input	
Primary VLAN	Enter the primary VLAN details	vlanID	
Secondary VLAN	Enter the secondary VLAN details	vlanID	

Input	Description	Mappable To Type	Mandatory
Publish Network Segment	Check this to publish network segment. By default this field is unchecked.	gen_text_input	
Publish Network Segment Name	Enter the publish network segment name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity
HYPERV_N1K_IP_POOL_TEMPLATE	IP Pool Template	gen_text_input
HYPERV_N1K_IP_POOL_TEMPLATE_IDENTITY	IP Pool Template Identity	InfraNetworkIPPoolTemplateIdentity
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity
VLAN_ID	VLAN ID on which the selected operation was performed	vlanID
OUTPUT_DEVICE_VLAN_IDENTITY	Identity for device vlan	InfraNetworkVLANIdentity
PRIMARY_VLAN_ID	Primary VLAN ID on which the selected operation was performed	vlanID
SECONDARY_VLAN_ID	Secondary VLAN ID on which the selected operation was performed	vlanID
HYPERV_LOGICAL_NETWORK_IDENTITY	HyperV Logical Network Identity	hypervLogicalNetworkIdentity
HYPERV_LOGICALNETWORK_DEF_IDENTITY	HyperV Network Segment Pool Identity	hypervLogicalNetworkDefIdentity

Output	Description	Type
HYPERV_IP_POOL_IDENTITY	HyperV IP Pool Template Identity	hypervIpPoolIdentity
HYPERV_VM_NETWORK_IDENTITY	HyperV VM Network Identity	hypervVMNetworkIdentity

Update Network Segment Pool

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Network Segment Pool Name	Choose a network segment Pool	hyperv_n1k_network_segment_pool_identity	Y
Logical Network Name	Choose a Logical network	hyperv_n1k_logical_network_identity	
Segment Type	Choose a segment type: VLAN, VXLAN or HNV. VLAN is selected by default. VXLAN and HNV Segment Types Supported Version: Nexus1000v HyperV 5.2(1)SM3(1.1) or later.	gen_text_input	
Multicast IP	Enter the multicast ip in the format x.x.x.x. For example: 239.1.1.1.	ipaddress	
Intra Port Communication	Check this for intra port communication. By default this field is unchecked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_LOGICALNETWORK	Logical Network	gen_text_input
HYPERV_N1K_LOGICALNETWORK_IDENTITY	Logical Network Identity	hyperv_n1k_logical_network_identity
HYPERV_N1K_NETWORK_SEGMENT_POOL	Network Segment Pool	gen_text_input

Output	Description	Type
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity

Update Port Profile

Summary

Add or remove one or more VLANs from a port profile on a Nexus device.

Description

This task updates and enables a port profile on a Nexus switch. VLANs can be added or removed from the port profile. If the port profile is in access mode, the task can change the access VLAN. If the port profile is in trunk mode, the task can add or remove VLANs to or from the trunk.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Port Profile Name	Select port profile name.	infra_network_port_profile_name	Y
Description	Enter description for this port profile	gen_text_input	
Type	Select the type of port profile	networking_device_port_profile_type	
Mode	Select the mode of port profile	networking_device_port_profile_mode	
Enable VXLAN Capability	Enable / Disable the VXLAN Capability.		
IP address	IP address in format i.i.i.i	ipaddress	
IP network mask	IP network mask in format m.m.m.m	ipaddress	
IP next-hop address	IP next-hop address in format i.i.i.i	ipaddress	
Access VLAN	Select VLAN	vlanID	Y
Action	Select action to add or remove VLANs from port profile	gen_text_input	
Allowed VLANs	Allowed VLANs	vlanID	Y
Add to System VLAN	Select this option to add the selected VLANs to System VLAN		
Primary VLAN ID	Primary VLAN	vlanID	Y
Secondary VLAN ID	Secondary VLAN IDs to associate	vlanID	Y
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName

Output	Description	Type
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity
OUTPUT_SGT_IDENTITY	SGT Identity.	securityGroupTagID
PORT_PROFILE_TYPE	Name of the port profile type	networking_device_port_profile_type
PORT_PROFILE_MODE	Name of the port profile mode	networking_device_port_profile_mode

Update SXP Connection Peer

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose a networking device	networking_device	Y
Enable Device Tracking	Check this option to enable device tracking. By default, this field is unchecked		
Delete Hold Timer Period	Enter the delete hold timer period within the range (0-64000)	gen_text_input	
Enable SXP	Check this option to enable SXP. By default, this field is checked		
Default Source IP Address	Enter the default SXP connection peer source IP address in format i.i.i.i. For example: 1.2.3.4	ipaddress	
Default Password	Enter the default password	password	
Source IP Address	Enter the SXP connection peer source IP address in format i.i.i.i. For example: 1.2.3.4	ipaddress	
Password Option	Choose one of the listed password options: default, None or Required. If this field is left blank, the value defaults to None.	gen_text_input	Y
Required Password	Enter the Required password	password	Y
VRF	Enter the VRF name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Output	Description	Type
OUTPUT_ISDEVICE_TRACKING_ENABLE	The Device Tracking enabled on the device.	gen_text_input
OUTPUT_DELETE_HOLD_PERIOD	The Delete Hold Timer set on the device.	gen_text_input
OUTPUT_ISSXP_ENABLE	The SXP is enabled on the device.	gen_text_input
OUTPUT_DEFAULT_SOURCE_IP	The Default Source IP created on the device.	ipaddress
OUTPUT_DEFAULT_PASSWORD	The Default Password created on the device.	password
OUTPUT_PEER_IP	The Peer IP created on device.	ipaddress
OUTPUT_SXP_CONNECTION_PEER_IDENTITY	The SXP Connection Peer Identity.	SxpConnectionPeer Identity
OUTPUT_SOURCE_IP	The Source IP created on the device.	ipaddress
OUTPUT_PASSWORD_OPTION	The Password Option created on the device.	gen_text_input
OUTPUT_REQUIRED_PASSWORD	The Required Password created on the device.	password
OUTPUT_VRF	The VRF created on the device.	gen_text_input

Update Trunk

Summary

Add or remove allowed VLANs on a trunk.

Description

This task adds or removes one or more VLANs to or from the list of allowed VLANs on a trunk.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a networking device.	networking_device	Y
Select Port	Select a port on which to update trunk.	InfraNetwork InterfaceIdentity	Y
Action	Choose an action, either add or remove VLANs from the port profile. The default is add.	gen_text_input	
Allowed VLANs	Choose one or more VLAN to be allowed in trunk mode.	vlanID	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
ALLOWED_VLAN_IDS	Allowed VLAN IDsf on which the selected operation was performed	gen_text_input
PORT_NAME	Name of port on which selected operation was performed.	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_NEXUS_VDC	The VDC created on the Nexus 7000 devices.	nxosVDCIdentity

Update Uplink Network

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
Network Uplink	Choose a network uplink to update	hyperv_n1k_network_uplink_identity	Y
Network Segement Pool	Choose a network segment Pool	hyperv_n1k_network_segment_pool_identity	
Port Profile	Choose a port profile	infra_network_port_profile_name	
Network Segment	Choose a network segment	hyperv_n1k_network_segment_identity	
System Network Uplink	Check this to publish system network uplink		
Publish Network Uplink	Check this to publish network uplink		
Publish Network Uplink Name	Enter the publish network uplink name	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
HYPERV_N1K_NETWORK_UPLINK	Network Uplink	gen_text_input
HYPERV_N1K_NETWORK_UPLINK_IDENTITY	Network Uplink Identity	hyperv_n1k_network_uplink_identity
HYPERV_N1K_NETWORK_SEGMENT_POOL_IDENTITY	Network Segment Pool Identity	hyperv_n1k_network_segment_pool_identity

Output	Description	Type
PORT_PROFILE_NAME	Name of the port profile on which the selected operation was performed	infra_network_port_profile_name
HYPERV_N1K_NETWORK_SEGMENT	Network Segment	gen_text_input
HYPERV_N1K_NETWORK_SEGMENT_IDENTITY	Network Segment Identity	hyperv_n1k_network_segment_identity
HYPERV_NETWORK_UPLINK_IDENTITY	HyperV Network Uplink Identity	hypervUpLinkPortProfileIdentity

Update VRF

Summary

Update a VRF.

Description

This task updates a VPN routing and forwarding (VRF).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a device	networking_device	Y
VRF Name	Choose a VRF context to update	networking_vrf_identity	Y
Add/Delete RouteIP and Gateway	Check this option to add or delete a route IP and gateway. By default this field is unchecked.		
Route	Enter a Route as A.B.C.D/LEN. For example: 13.2.3.1/32.	gen_text_input	
Gateway	Enter a Gateway IP as A.B.C.D. For example: 142.23.1.1.	ipaddress	
Route & Gateway	Select a route and gateway to delete	gen_text_input	
Domain Name	Enter the domain name	gen_text_input	
DNS Servers	Enter one or more DNS servers separated with commas or spaces. No more than 6 DNS servers are allowed for one VRF. For example: cisco.com,VMware.org.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_VRF	The VRF created on the device.	gen_text_input
OUTPUT_VRF_IDENTITY	The VRF Identity created on the device.	gen_text_input
OUTPUT_DOMAIN_NAME	The VRF created on the device.	gen_text_input

Update VXLAN

Summary

Update a VXLAN for a Nexus 1000V.

Description

This task updates a VXLAN for a Nexus 1000V device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Choose the networking device	networking_device	Y
Bridge Name	Select the domain name for the VXLAN bridge.	gen_text_input	Y
VXLAN Id	Provide a VXLAN ID in the range 4096 to 16000000	gen_text_input	Y
Mode Unicast	Check this option to set the unicast mode for the VXLAN. By default, this field is checked.		
VXLAN Group IP Address	Provide the multicast IP address for the VXLAN in the format i.i.i.i. For example: 224.0.0.5.	ipaddress	Y
Distribution learning MAC	Check this option to set floodless learning using the MAC. By default, this field is checked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is checked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
VXLAN_ID	VXLAN ID on which the selected operation was performed	vlanID
VXLAN_DOAMIN_NAME	VXLAN Domain Name on which the selected operation was performed	gen_text_input



Cisco Security Tasks

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Configure ACL

Summary

Configure an ACL for the Security Context in a PIX ASA.

Description

This task configures an access control list (ACL) for the security context in a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	
Select Device	Select a security device (ASA or ASAv)	NETWORKING_ASA_DEVICE	
Context Name	Choose the security context name	networking_security_context_name	
ACL Name	Provide an ACL name	gen_text_input	
Interface Name	Select the interface to apply the ACL	ASAInterfaceIdentity	
Permit	Check or unchecked to permit or deny the traffic. Default is to permit traffic.		
InBound Traffic	Check to allow the inbound flow of the traffic. By default inbound traffic is allowed.		
Protocol	Choose a protocol for the rule	ACLDeviceProtocolIdentity	Y
Source IP Address/IPv6 Prefix	Enter a source IP address for the ACL. Include a network prefix for IPv6. For example: 12.23.34.45 (IPv4); 2001:db8:3c4d:15::/64 IPV6.	gen_text_input	
Source Net Mask	Enter a source network mask for the ACL. Not required for IPv6.	gen_text_input	
Source Port Range	Enter a source port or port range for the ACL. For example: 255 or 1-200.	gen_text_input	
Destination IP Address/IPv6 Prefix	Enter a destination IP address for the interface. Include a network prefix for IPv6. For example: 12.23.34.45 (IPv4); 2001:db8:3c4d:15::/64 IPV6.	gen_text_input	
Destination Net Mask	Enter a destination network mask for the ACL. Not required for IPv6.	gen_text_input	
Destination Port Range	Enter a destination port or port range for the ACL. For example: 255 or 1-200.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_ASA_DEVICE_WITH_CONTEXT_IDENTITY	ASA Device Identity	NETWORKING_ASA_DEVICE

Configure Cisco ASA Firewall Mode

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Device IP	Enter a device IP address. Ex:98.12.34.12	gen_text_input	Y
HTTP Port	The HTTPS port number of the ASA device	gen_text_input	Y
User Name	Provide a user name	gen_text_input	
Password	Password.	password	
Mode	Choose a context firewall mode (router or transparent). By default router is selected.	gen_text_input	

Outputs

No Outputs

Configure Context Interface

Summary

Configure the interfaces in the security context of a PIX ASA.

Description

This task configures the interfaces in the security context of a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Context Name	Choose a security context name	networking_security_context_name	Y
Interface Name	=Choose the interface name	ASAInterfaceIdentity	Y
Interface Alias	Provide an alias name for the interface	gen_text_input	
IP Address/IPv6 Prefix	Enter an IP address for the interface. Include a network prefix for IPv6. For example: 12.23.34.45 (IPv4); 2001:db8:3c4d:15::/64 IPV6.	gen_text_input	
Net Mask	Enter a network mask for the interfaces. Not required for IPv6.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_ASA_DEVICE_WITH_CONTEXT_IDENTITY	ASA Device Identity	NETWORKING_ASA_DEVICE
OUTPUT_ASA_DEVICE_CONTEXT_INTERFACE_ALIAS	ASA Device Identity	ASAInterfaceIdentity

Configure License

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
License Name	Provide a license name	gen_text_input	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_LICENSE_NAME	License Name on which the selected operation was performed	gen_text_input

Configure Network Object NAT

Summary

Configure an object-based NAT using this task.

Description

This task configures an object-based network address translation (NAT).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Real Interface	Select the real interface	NetworkNamedInterface Identity	
Mapped Interface	Select the mapped interface	NetworkNamedInterface Identity	
Mode	Choose the NAT mode	NAT_mode_type	Y
Network Object Name	Provide a network object name	gen_text_input	Y
Real IP Address	Provide a host IP address (for example: 10.1.1.1), IP range (10.1.1.1-10.1.1.20) or subnet (10.1.1.0/255.255.255.0)	gen_text_input	Y
Type	Choose the type for mapped IP addresses	NAT_type	
Network Object	Select the network object	NATSourceOrDestination Identity	
Network Object Group	Select the network object group	ASANetworkObjectGroup Identity	
Host IP	Provide a host IP. For example: 10.1.1.1	gen_text_input	
Interface	Check to enable the interface. By default this field is unchecked.	Boolean	
PAT	PAT	Boolean	
Protocol	Specify protocol for the rule	NATDeviceProtocol Identity	
Real Port	Real Port	gen_text_input	
Mapped Port	Mapped Port	gen_text_input	
Copy Running configuration to Startup configuration	Select this option to copy running configuration to startup configuration		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_NAT_SOURCE_REAL_OBJECT_IDENTITY	NAT SOURCE REAL NETWORK OBJECT IDENTITY	NATSourceOrDestinationIdentity
OUTPUT_NAT_REAL_INTERFACE_IDENTITY	ASA NAT REAL INTERFACE IDENTITY	NetworkNamedInterfaceIdentity
OUTPUT_NAT_MAPPED_INTERFACE_IDENTITY	ASA NAT MAPPED INTERFACE IDENTITY	NetworkNamedInterfaceIdentity
OUTPUT_NAT_SOURCE_MODE_IDENTITY	NAT SOURCE MODE	NAT_mode_type
OUTPUT_NAT_SOURCE_MAPPED_OBJECT_IDENTITY	NAT SOURCE MAPPED NETWORK OBJECT IDENTITY	NATSourceOrDestinationIdentity
OUTPUT_NAT_SOURCE_MAPPED_OBJECT_GROUP_IDENTITY	NAT SOURCE MAPPED NETWORK OBJECT GROUP IDENTITY	ASANetworkObjectGroupIdentity
OUTPUT_ASA_PAT_REAL_PORT	PAT Real Port	gen_text_input
OUTPUT_ASA_PAT_MAPPED_PORT	PAT Mapped Port	gen_text_input

Configure Sub Interface

Summary

Configure a sub-interface for a PIX ASA.

Description

This task configures a sub-interface in a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Physical Interface Name	Select the physical interface name	ASAInterface Identity	Y
Port Number	Enter a valid port number for the subinterface.	gen_text_input	Y
Vlan ID	Enter a VLAN ID for this interface between 1 and 4094.	gen_text_input	Y
Enable Interface	Check this to enable the interface. By default this field is checked.		
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
OUTPUT_NETWORKING_DEVICE_INTERFACE	Network device interface on which selected operation performed.	networking_device_interface
OUTPUT_ASA_DEVICE_INTERFACE_IDENTITY	ASA Interface Identity	ASAContextInterface Identity

Configure Twice NAT

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Real Interface	Select the real interface	NetworkNamedInterface Identity	
Mapped Interface	Select the mapped interface	NetworkNamedInterface Identity	
Source Mode	Choose source mode, either static or dynamic. By default, static is selected.	NAT_mode_type	Y
Source Real Object Type	Choose a source real object type	ASADeviceNATNetwork ObjectType	Y
Source Real Network Object	Select a source real network object	NATSourceOrDestination Identity	
Source Real Network Object Group	Select a source real network object group	ASANetworkObject GroupIdentity	
Source Mapped Object Type	Select a source mapped object type	ASADeviceNATNetwork ObjectType	Y
Source Mapped Network Object	Select a mapped network object	NATSourceOrDestination Identity	
Source Mapped Object Group	Select a source mapped object group	ASANetworkObject GroupIdentity	
Source Mapped Interface	Check this option to apply the source real interface to source mapped interface. By default this field is unchecked.		
Destination Mode	Mode is static by default and non-editable for destination	NAT_mode_type	
Destination Real Object Type	Select a destination real object type	ASADeviceNATNetwork ObjectType	
Destination Real Network Object	Select a destination real network object	NATSourceOrDestination Identity	
Destination Real Network Object Group	Select a destination network object group	ASANetworkObject GroupIdentity	

Input	Description	Mappable To Type	Mandatory
Destination Mapped Object Type	Select a destination mapped object type	ASADeviceNATNetworkObjectType	
Destination Mapped Network Object	Select the destination mapped network object	NATSourceOrDestinationIdentity	
Destination Mapped Object Group	Select a destination mapped object group	ASANetworkObjectGroupIdentity	
Destination Mapped Interface	Check this option to apply the destination real interface to destination mapped interface. By default this field is unchecked.		
Is PAT ?	Check to enable PAT. By default this field is unchecked.		
Description	Provide PAT description	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_NAT_REAL_INTERFACE_IDENTITY	ASA NAT REAL INTERFACE IDENTITY	NetworkNamedInterfaceIdentity
OUTPUT_NAT_MAPPED_INTERFACE_IDENTITY	ASA NAT MAPPED INTERFACE IDENTITY	NetworkNamedInterfaceIdentity
OUTPUT_NAT_SOURCE_MODE_IDENTITY	NAT SOURCE MODE	NAT_mode_type
OUTPUT_NAT_SOURCE_REAL_OBJECT_IDENTITY	NAT SOURCE REAL NETWORK OBJECT IDENTITY	NATSourceOrDestinationIdentity
OUTPUT_NAT_SOURCE_REAL_OBJECT_GROUP_IDENTITY	NAT SOURCE REAL NETWORK OBJECT GROUP IDENTITY	ASANetworkObjectGroupIdentity
OUTPUT_NAT_SOURCE_MAPPED_OBJECT_IDENTITY	NAT SOURCE MAPPED NETWORK OBJECT IDENTITY	NATSourceOrDestinationIdentity

Output	Description	Type
OUTPUT_NAT_SOURCE_MAPPED_OBJECT_GROUP_IDENTITY	NAT SOURCE MAPPED NETWORK OBJECT GROUP IDENTITY	ASANetworkObjectGroup Identity
OUTPUT_NAT_DESTINATION_MODE_IDENTITY	NAT DESTINATION MODE	NAT_mode_type
OUTPUT_NAT_DESTINATION_REAL_OBJECT_IDENTITY	NAT DESTINATION REAL NETWORK OBJECT IDENTITY	NATSourceOrDestination Identity
OUTPUT_NAT_DESTINATION_REAL_OBJECT_GROUP_IDENTITY	NAT DESTINATION REAL NETWORK OBJECT GROUP IDENTITY	ASANetworkObjectGroup Identity
OUTPUT_NAT_DESTINATION_MAPPED_OBJECT_IDENTITY	NAT DESTINATION MAPPED NETWORK OBJECT IDENTITY	NATSourceOrDestination Identity
OUTPUT_NAT_DESTINATION_MAPPED_OBJECT_GROUP_IDENTITY	NAT DESTINATION MAPPED NETWORK OBJECT GROUP IDENTITY	ASANetworkObjectGroup Identity
OUTPUT_ASA_SERVICE_REAL_OBJECT_IDENTITY	NAT REAL SERVICE OBJECT IDENTITY	networking_device_service_object_name_identity
OUTPUT_ASA_SERVICE_MAPPED_OBJECT_IDENTITY	NAT MAPPED SERVICE OBJECT IDENTITY	networking_device_service_object_name_identity

Create Network Object

Summary

Create a network object.

Description

This task creates a network object.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Network Object Name	Provide a network object name	gen_text_input	Y
IP Address	Provide an IP address (for example: 10.1.1.1), IP range (10.1.1.1-10.1.1.20) or subnet (10.1.1.0/255.255.255.0)	gen_text_input	Y
Description	Provide a network object description	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_NETWORK_OBJECT_IDENTITY	Network Object Identity	NATSourceOrDestination Identity
OUTPUT_NETWORK_OBJECT	Network Object	gen_text_input
OUTPUT_NETWORK_OBJECT_MEMBER	Network Object Host/Range/Network	gen_text_input

Create Network Object Group

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Network Object Group Name	Provide a network object group name	gen_text_input	Y
Description	Provide a network object group description	gen_text_input	
Host	Provide one or more host addresses separated with commas. For example: 10.10.10.10, 20.20.20.20 (IPv4) or X:X:X:X::X (IPv6).	gen_text_input	
Network Address	Provide one or more network addresses separated with commas. For example: 20.20.20.0/255.255.255.0 (IPv4) or X:X:X:X::X/1-128 (IPv6).	gen_text_input	
Network Object	Select one or more network object	NATSourceOr DestinationIdentity	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
ASA_NETWORK_OBJECT_GROUP_NAME	Network Object Group Name	gen_text_input
ASA_NETWORK_OBJECT_GROUP_HOST	Network Object Group Host	gen_text_input
ASA_NETWORK_OBJECT_GROUP_IP	Network Object Group IP Address	gen_text_input
ASA_NETWORK_OBJECT_NAME	Network Object Name	ASANetworkObject Identity
ASA_NETWORK_OBJECT_GROUP_IDENTITY	Network Object Group Identity	ASANetworkObjectGroup Identity

Create Security Context

Summary

Create a Security Context for a PIX ASA.

Description

This task creates a security context in a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Context Name	Provide a security context name	gen_text_input	Y
Context Description	Provide a context description	gen_text_input	Y
File Name	Provide a security context configuration file name. Only .cfg files are supported. For example: sample.cfg.	gen_text_input	
OutSide Interface Name	Select an outside interface to apply the context	ASAInterfaceIdentity	Y
Inside Interfaces	Select a one or more inside interfaces to apply the context	ASAInsideInterfaceIdentity	Y
OutSide Interface Name	Select an outside interface to apply the context	ASAContextInterfaceIdentity	
Inside Interfaces	Select a one or more inside interfaces to apply the context	ASAContextInterfaceIdentity	
Management Interface	Select a management interface to apply the context	ASAContextInterfaceIdentity	
Mode	Choose a context firewall mode: routed or transparent	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Output	Description	Type
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_SECURITY_CONTEXT_NAME_DESC	Security Context Description	gen_text_input
OUTPUT_SECURITY_CONTEXT_CONFIG_FILE_NAME	Security Context configuration file Name	gen_text_input
OUTPUT_SECURITY_CONTEXT_OUTSIDE_INTERFACES	OutSide Interface name to apply the Context	gen_text_input
OUTPUT_SECURITY_CONTEXT_OUTSIDE_INTERFACES_IDENTITY	OutSide Interface Identity to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_INSIDE_INTERFACES	Inside Interfaces to apply the Context	gen_text_input
OUTPUT_SECURITY_CONTEXT_INSIDE_INTERFACES_IDENTITY	Inside Interfaces Identity to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_MGMT_INTERFACES	Management Interface name to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_OUTSIDE_INTERFACES_ALIAS	OutSide Interface alias name to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_INSIDE_INTERFACES_ALIAS	Inside Interfaces alias to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_MGMT_INTERFACES_ALIAS	Management Interface alias name to apply the Context	ASAInterfaceIdentity
OUTPUT_SECURITY_CONTEXT_FIREWALL_MODE	Firewall mode	gen_text_input
OUTPUT_ASA_DEVICE_WITH_CONTEXT_IDENTITY	ASA Device Identity	NETWORKING_ASA_DEVICE

Create Service Object

Summary

Create a service object.

Description

This task creates a service object.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Service Object Name	Provide a service object name	gen_text_input	Y
Description	Description	gen_text_input	
Protocol	Choose a protocol for the rule	NATDeviceProtocol Identity	
Source Operator	Select an operator for the source	ASADeviceSource OperatorIdentity	
Source Port	Enter a source port. if the range operator is selected provide a port range, for example 20-30.	gen_text_input	
Destination Operator	Select an operator for the destination	ASADeviceDestination OperatorIdentity	
Destination Port	Enter a destination port. if the range operator is selected provide a port range, for example 20-30.	gen_text_input	
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name

Output	Description	Type
OUTPUT_ASA_SERVICE_OBJECT_NAME_IDENTITY	Service Object Name on which selected operation performed.	networking_device_service_object_name_identity

Delete Network Object

Summary

Delete a network object.

Description

This task deletes a network object.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Object	Select the network object to deletet	NATSourceOr DestinationIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_NETWORK_OBJECT_IDENTITY	Network Object Identity	NATSourceOrDestinationIdentity
OUTPUT_NETWORK_OBJECT	Network Object	gen_text_input

Delete Network Object Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Network Object Group Name	Select a network object group to delete	ASANetworkObjectGroupIdentity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
ASA_NETWORK_OBJECT_GROUP_NAME	Network Object Group Name	gen_text_input
ASA_NETWORK_OBJECT_GROUP_IDENTITY	Network Object Group Identity	ASANetworkObjectGroupIdentity

Delete Service Object

Summary

Delete a service object.

Description

This task deletes a service object.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Object Name	Select a service object to delete	networking_device_service_object_name_identity	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name
OUTPUT_ASA_SERVICE_OBJECT_NAME_IDENTITY	Service Object Name on which selected operation performed.	networking_device_service_object_name_identity

Deploy ASAv OVF

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Choose a vDC on which to perform the action	vDC	Y
ASAv OVF	Select an OVF URL		Y
ASAv Policy	Select an ASAv policy		Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE_NAME	Network device name on which selected operation is performed.	networking_device_name
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Remove Security Context

Summary

Remove the Security Context of a PIX ASA.

Description

This task removes the security context of a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Context Name	Select the name of the security context to delete	networking_security_context_name	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

No Outputs

TrustSec Refresh

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select a security device (ASA or ASAv)	networking_device	Y
Copy Running configuration to Startup configuration	Check this option to copy the running configuration to the startup configuration. By default, this field is unchecked.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device
OUTPUT_SECURITY_CONTEXT_NAME	Security Context name on which selected operation performed.	networking_security_context_name



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Add NTP Server to UCSM

Summary

Add an NTP server to a UCS Manager Account.

Description

This task adds an NTP server to a UCS Manager account. Task Outputs are:

- ACCOUNT_NAME - The name of the Account on which the selected operation was performed.
- OUTPUT_NTP_SERVER - the NTP server.

Inputs

Input	Description	Mappable To Type	Mandatory
UCSM	Choose the UCSM	ucsAccountName	Y
NTP Server Name	Enter the NTP server name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_TIME_ZONE	Time Zone Identity	ucsTimeZoneIdentity

Add Servers to UCS Server Pool

Summary

Adds servers to a UCS server pool.

Description

This task adds one or more servers to an existing UCS server pool. Output of this task is the identity of the modified server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool	Choose a server pool to add servers to	ucsServerPoolIdentity	Y
Servers	Choose one or more servers from the list	ucsMultiServerIdentity	Y

Outputs

Output	Description	Type
SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity

Add UCS Manager Account

Summary

Add a UCS Manager Account.

Description

This task adds a new UCS Manager account.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name	Choose the pod from the drop-down list	gen_text_input	Y
Authentication Type	Choose the authentication type from the list		Y
Server Management	Choose the server management from the list		Y
Account Name	Enter a UCS account name	gen_text_input	Y
Server Address	Enter a UCS server IP address	ipv4Address	Y
Use Credential Policy	Select if you want to use policy to give the credentials.		
Credential Policy	Choose or add a credential policy		Y
Username	Enter a UCS user name	gen_text_input	Y
Password	Enter a UCS password	password	Y
UCS Authentication Domain	Choose an authenticaton domain		Y
Protocol	Choose the HTTP or HTTPS protocol from the list		Y
Port	Choose the port number based on protocol selection		Y
Description	Enter a description of UCSM		
Contact Email	Enter the email address of the UCSM admin		
Location	Enter location details of UCSM		
Service Provider	Enter service provider details of UCSM		

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Add UCS Service Profile Template

Summary

Create a Service Profile Template.

Description

This task creates a new service profile template. The user selects Organization, Type, Power State UUID pool, Server Pool, Management IP Pools, Network Policy, Storage Policy, Boot Policy, Placement Policy, and other operational policies to create the service profile template. The Power State of the server once the service profile is associated can also be specified while creating a new service profile. Placement Policy can be used to specify the vNIC/vHBA placement mapping between vNIC/vHBA and Virtual Interface Network Cards (vCon). The user can select a server pool to associate with this service profile template. Output of this task is the Service Profile Template Identity (which contains the Account, Organization and Domain Name of the service profile template) and the Organization Identity.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template Name	Enter the name of the UCS service profile template. The name must be unique within the organization.	gen_text_input	Y
Description	Enter a description of the UCS service profile template	gen_text_input	
Type	Choose a type to be applied to the UCS service profile template	ucsSPTemplateType LOVProvider	Y
Server Power State	Choose a power state to be applied to the server when service profile is associated	ucsserverPowerState	Y
Organization	Choose a UCSM organization under which to create the service profile template	ucsOrganization Identity	Y
UUID Assignment	Choose a UUID to be assigned to the server associated with service profile template. If no selection is made, the UUID will be assigned from the default pool	ucsUUIDIdentity	Y
Server Pool	Choose Server Pool	ucsServerPoolIdentity	
Outband IPv4	Check to select an outband pool name from the list		
Outband Pool Name	Choose the outband pool from the list	ucsIPPoolIdentity	Y
Inband	Check to choose a name for an Inband pool of IPv4 and IPv6 addresses		
Inband IPv4 Pool Name	Choose an IPv4 pool from the list	ucsIPPoolIdentity	Y
Inband IPv6 Pool Name	Choose an IPv6 pool from the list	ucsIPPoolIdentity	Y
Storage Profile	storageProfile Configuration	storageProfileIdentity	

Input	Description	Mappable To Type	Mandatory
IPMI Access Profile	Choose the IPMI profile to access the CMIC on the server externally	ucsIpmiAccessProfile	
SOL Configuration Profile	Choose the SOL configuration profile to enable serial over LAN access to the server	ucsSOLPolicy	
Storage Policy	Choose a UCS Storage Policy to define disk policies and SAN configuration information	ucsStoragePolicy Identity	Y
Network Policy	Choose a UCS PXE Network Policy to define the LAN configuration for a PXE Installation	ucsNetworkPolicy Identity	Y
Placement Policy	Choose the placement policy for mapping vNIC and vHBA to Interface cards (vCons)	ucsplacementpolicy	
Server Boot Policy	Choose the SAN boot policy for the server	ucsBootPolicyIdentity	Y
BIOS Policy	Choose the BIOS policy to associate with the service profile template to override the default BIOS settings	ucsBIOSPolicy	
Threshold Policy	Choose the threshold policy to determine when the system sends fault messages based on the values of the associated counters and gauges	ucsStatsThreshold PolicyIdentity	
Scrub Policy	Choose the scrub policy to enable and disable disk and BIOS scrubbing	ucsScrubPolicy Identity	
Host Firmware Policy	Choose the host firmware policy to associate with the service profile template to update the host firmware. If no firmware policy is chosen, the system uses the server's preinstalled firmware.	ucsFirmwarePolicy	
Maintenance Policy	Choose the maintenance policy for the service profile template	UcsMaintenancePolicy Identity	
Power Control Policy	Choose the power control policy for the service profile template	ucspowerControl Policy	
vMedia Policy	Choose the vMedia configuration for the service profile template	ucsvMediaPolicy Identity	

Outputs

Output	Description	Type
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplate Identity

Add UCS Storage Profile

Summary

Create a storage profile in a UCS manager account.

Description

This task creates a place to define the number of storage disks. A storage profile encapsulates the storage requirements for one or more service profiles.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter PCH name		Y
Description	Enter a description for the storage profile		
Organization	Choose the UCSM organization under which to create the storage profile	ucsOrganizationIdentity	Y
Local LUN	Create a local LUN	localLunInputType	
PCH Controller Definition	Create a PCH controller definition	pchControllerDef	

Outputs

Output	Description	Type
OP_UCS_STORAGE_PROFILE	UCS Storage Profile Identity	storageProfileIdentity

Add UCS VLAN to vNIC Template

Summary

Add a VLAN to a vNIC template.

Description

This task adds a VLAN to a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC Template	Choose the vNIC template to modify	UcsVNICTemplateIdentity	Y
VLANs	Choose the VLAN to add to the vNIC template	ucsMultiVlanIdentity	Y
Native VLAN	Choose one or more VLANs to add to the vNIC template	gen_text_input	

Outputs

Output	Description	Type
OP_UCS_VNIC_TEMPLATE	UCS vNIC Template Identity	UcsVNICTemplateIdentity
OP_UCS_VNIC_TEMPLATE_MULTI_VLAN_IDENTITY	UCS vNIC Template VLAN Identity	UcsVNICTemplateMultiVLANIdentity

Add UCS vNIC Template

Summary

Add a UCS vNIC template.

Description

This task adds a UCS vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter vNIC Template Name		Y
Description	Enter Description		
Organization	select the organization under which to create new vNIC Template	ucs Organization Identity	Y
Fabric ID	Specify Fabric A or B		Y
Enable Failover	Check to enable Failover		
Target	Target		
Adapter	Check to enable Adapter		
VM	Check this option to use VM		
Template Type	Choose the template type as Intial Template or Updating Template		Y
VLANs	Add VLANs to vNIC Template	ucsMultiVlan Identity	
Native VLAN	Select Native VLAN	gen_text_input	
MTU	Enter an MTU value. Specify an integer between 1500 and 9000.		Y
MAC Pool	Choose the MAC Pool from the list	ucsMacPool Identity	
QoS Policy	Choose the QOS Policy from the list		
Network Control Policy	Choose the Network Control Policy from the list		
Pin Group	Choose the Pin Group from the list		
Stats Threshold Policy	Choose the Stats Threshold Policy from the list		
Connection Policies	Choose the Connection Policy from the list		Y
Dynamic vNIC Connection Policy	Choose the Dynamic vNIC Policy from the list. If no policy is selected, the default policy is used.		

Input	Description	Mappable To Type	Mandatory
usNIC Connection Policy	Choose the usNIC Connection Policy from the list. If no policy is selected, the default policy is used.		
VMQ Connection Policy	Choose the VMQ Connection Policy from the list. If no policy is selected, the default policy is used.		

Outputs

Output	Description	Type
OP_UCS_VNIC_TEMPLATE	UCS vNIC Template Identity	UcsVNICTemplateIdentity

Add VLAN to Multiple UCS Managers

Summary

Add a VLAN to multiple UCS managers.

Description

This task adds a VLAN to multiples UCS Managers' service profiles and VLAN Groups.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter VLAN Name	gen_text_input	Y
VLAN ID(Common/Global)	Enter VLAN ID (Common/Global)	vlanID	Y
UCSM Accounts	Select UCSM Account Name under which VLAN will be created	ucsAccountIdentity	Y
Add VLAN to Service Profile vNICs	Select the vNICs to add VLAN	ucsServiceProfileMultivNICIdentity	
Set as default VLAN	Check this option to set the VLAN as Native VLAN		
VLAN Group Name	Enter VLAN Group name	gen_text_input	

Outputs

Output	Description	Type
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity
MULTI_VLAN_GROUP_IDENTITY	VLAN Group Identity.	gen_text_input
MULTI_VLAN_IDENTITY	VLAN Identity.	gen_text_input

Add VLAN to UCS

Summary

Add a VLAN to a UCS and its managed objects.

Description

This task adds a VLAN to a UCS Manager along with its managed objects. If the user selects only physical infrastructure, the VLAN is added to the UCS Manager only. If the user selects virtual infrastructure, the VLAN is added to all the service profiles, service profile templates, and vNIC templates for the selected organization. Output of this task is the VLAN ID, VLAN name, and the objects that are affected.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter VLAN Name .UCSAnnotation Constants.ANNOTATION_NAME_32_CHAR	gen_text_input	Y
Account Name	Select UCSM Account Name under which VLAN will be created	ucsAccountName	Y
Physical Infrastructure	Select Physical Infrastructure needs to be updated with new VLAN		
VLAN Type	Choose VLAN Type	ucsVlanTypeProvider	
VLAN ID(Common/Global)	Enter VLAN ID (Common/Global)	vlanID	Y
VLAN ID (Fabric A)	Enter VLAN ID for Fabric A	vlanID	Y
VLAN ID (Fabric B)	Enter VLAN ID for Fabric B	vlanID	Y
VLAN A	VLAN A		
VLAN ID A(Both Fabrics Configured Differently)	Enter VLAN ID(Both Fabrics Configured Differently)	vlanID	Y
Sharing	Select sharing type	ucsVlanSharingType Provider	Y
Primary VLAN	Choose Primary VLAN		
VLAN B	VLAN B		
VLAN ID B(Both Fabrics Configured Differently)	Enter VLAN ID(Both Fabrics Configured Differently)	vlanID	Y
Sharing	Select sharing type	ucsVlanSharingType Provider	Y
Primary VLAN	Choose Primary VLAN		
Virtual Infrastructure	Check to choose virtual infrastructure		
Organizations	Check to choose organizations for auto VLAN modification	ucsMultiOrganization Identity	Y

Input	Description	Mappable To Type	Mandatory
Service Profiles	Check to choose service profiles for auto VLAN modification	ucsMultiServiceProfileIdentity	
Service Profiles Templates	Check to choose service profiles templates for auto VLAN modification	ucsMultiServiceProfileTemplateIdentity	
vNIC Templates	Check to choose vNIC templates for auto VLAN modification	UcsMultiVNICTemplateIdentity	

Outputs

Output	Description	Type
OUTPUT_VLAN_ID1	VLAN ID	vlanID
OUTPUT_VLAN_ID2	VLAN ID	vlanID
OUTPUT_VLAN_IDENTITY1	VLAN IDENTITY	ucsVlanIdentity
OUTPUT_VLAN_IDENTITY2	VLAN IDENTITY	ucsVlanIdentity

Add VLAN to UCS Service Profile

Summary

Add a VLAN to a service profile.

Description

This task adds a VLAN to a service profile vNIC. The user can choose the vNIC to which the VLAN is added.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCSM service profile to modify	ucsServiceProfileIdentity	Y
Add VLAN to selected vNICs	Check this option to add VLAN to selected vNICs in the Service Profile		
vNICs	Select the vNICs to add VLAN	ucsServiceProfileMultivNICIdentity	Y
VLAN Type	Select VLAN Type		
Common/Global VLANs	Select a Common/Global VLAN	gen_text_input	
Set as Native VLAN	Check this option to set the VLAN as Native VLAN		
VLANs (Fabric A)	Select VLAN	gen_text_input	
Set as default VLAN	Check this option to set the VLAN as Native VLAN		
VLANs (Fabric B)	Select VLAN	gen_text_input	
Set as default VLAN	Check this option to set the VLAN as Native VLAN		
VLANs (Fabric A)	Select VLAN	gen_text_input	
Set as default VLAN	Check this option to set the VLAN as Native VLAN		
VLANs (Fabric B)	Select VLAN	gen_text_input	
Set as default VLAN	Check this option to set the VLAN as Native VLAN		

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_VLAN_IDENTITY1	VLAN IDENTITY	ucsVlanIdentity
OUTPUT_VLAN_IDENTITY2	VLAN IDENTITY	ucsVlanIdentity

Add VLANS to UCS VLAN Group

Summary

Add one or more VLANs to a VLAN Group.

Description

This task adds one or more VLANs to a VLAN Group.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Group	Choose the UCS VLAN group from the list	ucsVlanGroupIdentity	Y
VLAN	Choose the VLAN from the list	ucsMultiVlanIdentity	Y

Outputs

Output	Description	Type
VLAN_GROUP_IDENTITY	VLAN Group Identity.	ucsVlanGroupIdentity

Add iSCSI vNIC to UCS Service Profile

Summary

Add an iSCSI vNIC to a UCS service profile.

Description

This task adds an iSCSI vNIC to a UCS service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile	ucsServiceProfileIdentity	Y
iSCSI vNIC Name	Enter a iSCSI vNIC name	gen_text_input	Y
Overlay vNIC	Choose the overlay vNIC	gen_text_input	Y
iSCSI Adapter Policy	Choose the iSCSI adapter policy		
MAC Pool	Choose the UCSM MAC pool		
VLANs	Choose the VLAN	ucsVlanIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_ISCSI_VNIC_NAME	iSCSI vNIC NAME	gen_text_input

Add vHBA to UCS Service Profile

Summary

Add a vHBA to a UCS Service Profile.

Description

This task adds a vHBA to a UCS Service Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCS service profile to modify	ucsServiceProfileIdentity	Y
vHBA Name	Enter the vHBA name	gen_text_input	Y
Use vHBA Template	Check to use vHBA template	Boolean	
Fabric ID	Choose Fabric A or B	ucsFabricInterconnect Identity	Y
VSAN	Choose the VSAN to add the vHBA to	ucsVsanIdentity	
Persistent binding	Check to enable or disable persistent binding	Boolean	
Max Data Field Size	Enter the maximum data field size as an integer between 256 and 2112	gen_text_input	Y
Pin Group	Choose the pin group from the list	ucsSanPinGroupIdentity	
WWPN Pool	Choose the WWPN pool from the list	ucsWWPNPoolIdentity	
Adapter Policy	Choose the adapter policy from the list	ucsSanAdapterpolicy Identity	
QoS Policy	Choose the QoS policy from the list	ucsQosPolicyIdentity	
Stats Threshold Policy	Choose the threshold policy from the list	ucsStatsThresholdPolicy Identity	
vHBA Template	Choose the vHBA template from the list	UcsVHBATemplateIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_SP_VHBA_IDENTITY	vHBA Identity of service profile's vHBA that was created as part of service profile.	ucsServiceProfilevHBAIdentity

Add vMedia Mount to UCS vMedia Policy

Summary

Add a vMedia mount to a UCS vMedia policy.

Description

This task creates a vMedia mount in the selected UCS vMedia policy. Mandatory inputs are the vMedia policy identity, the mount name, a hostname or IP address, a remote file, and a remote path for the vMedia mount. The task outputs the modified vMedia policy identity and the newly added vMedia Mount identity.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Choose the vMedia policy under which to add the vMedia Mount	ucsvMediaPolicyIdentity	Y
Name	Enter vMedia Mount Name	gen_text_input	Y
Description	Enter a description for the vMedia Mount	gen_text_input	
Device Type	Choose the device type for vMedia mount from the list	ucsvMediaMountDevice Type	
Protocol	Choose the protocol for vMedia Mount from the list	ucsvMediaMountProtocol	
Authentication Protocol	Choose the authentication protocol for vMedia Mount from the list	ucsvMediaMount AuthenticationProtocol	
Hostname/IP Address	Enter a hostname or IP address for the vMedia mount	gen_text_input	Y
ImageName Variable	Choose the image name variable to use when adding the vMedia mount	ucsvMediaMountImage NameVariable	
Remote File	Enter remote file name for adding vMedia mount	gen_text_input	Y
Remote Path	Enter the remote path for the vMedia mount	gen_text_input	Y
Username	Enter a user name for the vMedia mount	gen_text_input	
Password	Enter a password for the vMedia mount	password	

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity
OP_UCS_vMEDIA_MOUNT_IDENTITY	UCS vMedia Mount Identity	ucsvMediaMountIdentity

Add vNIC to UCS Service Profile

Summary

Add a vNIC to a UCS service profile.

Description

This task adds a vNIC to a UCS service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM Service Profile to which to add the vNIC	ucsServiceProfileIdentity	Y
vNIC Name	Enter the new vNIC name	gen_text_input	Y
MAC Pool	Choose the MAC Pool from the list	ucsMacPoolIdentity	Y
Fabric ID	Choose the Fabric ID. Choose A or B.	ucsFabricInterconnectIdentity	Y
Enable Failover	Check to Enable Failover		
VLANs	Choose the VLAN from the list	ucsVlanIdentity	Y
Set as Native VLAN	Choose the Native VLAN		
MTU	Enter an MTU value. Specify an integer between 1500 and 9000.	gen_text_input	Y
Pin Group	Choose the Pin Group from the list	ucsPinGroupIdentity	
Adapter Policy	Specify Adapter Policy		
QoS Policy	Choose QoS Policy		
Network Control Policy	Choose Network Control Policy		
Stats Threshold Policy	Choose Stats Threshold Policy		

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_VNIC_NAME	vNIC NAME	gen_text_input
OUTPUT_VLAN_IDENTITY	VLAN IDENTITY	ucsVlanIdentity
OUTPUT_MAC_POOL_IDENTITY	MACPOOL IDENTITY	ucsMacPoolIdentity
OUTPUT_SP_VNIC_IDENTITY	vNIC Identity of service profile's vNIC that was created as part of service profile.	ucsServiceProfilevNICIdentity

Associate Storage Profile to Service Profile

Summary

Associate a storage profile with a service profile.

Description

This task associates a storage profile to a service profile. The storage profile must be supported by the UCS Manager.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a UCSM service profile to be associated with the storage profile	ucsServiceProfileIdentity	Y
Storage Profile	Choose the storage profile to be associated with service profile	storageProfileIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OP_UCS_STORAGE_PROFILE	UCS Storage Profile Identity	storageProfileIdentity

Associate UCS Service Profile

Summary

Associate a service profile with a server.

Description

This task associates a service profile with a server. Output of this task is the MAC Address assigned to the server by the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the service profile to associate with the server or server pool.	ucsServiceProfileIdentity	Y
Server Selection Scope	Choose the server or server-pool to define the selection scope		
Server	Choose the server to associate with the service profile	ucsServerIdentity	Y
Server Pool	Choose the server pool to associate with the service profile	ucsServerPoolIdentity	Y
Server Pool Policy Qualification	Choose the server pool policy qualification	ucsServerPoolQualificationIdentity	

Outputs

Output	Description	Type
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Server Outband Management IP address	gen_text_input
SERVER_QUALIFICATION_POLICY_IDENTITY	UCS Server Qualification Policy Identity	ucsServerPoolQualificationIdentity

Associate UCS Service Profile Template

Summary

Associate a service profile template with a server pool.

Description

This task associates a service profile template with a server pool. Output of this task is the identity of the service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Select Service Profile Template	ucsServiceProfileTemplate Identity	Y
Server Pool	Select Server Pool to associate Service Profile Template	ucsServerPoolIdentity	Y
Server Pool Policy Qualification	Select Server Pool Policy Qualification	ucsServerPoolQualification Identity	

Outputs

Output	Description	Type
SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplate Identity
SERVER_QUALIFICATION_POLICY_IDENTITY	UCS Server Qualification Policy Identity	ucsServerPoolQualification Identity

Bind UCS Service Profile to Template

Summary

Bind a UCS service profile to a template.

Description

This task binds a UCS service profile to a service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCS Service Profile from the list	ucsServiceProfileIdentity	Y
Service Profile Template	Choose the UCS Service Profile Template to bind	ucsServiceProfileTemplate Identity	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplate Identity

Bind UCS ServiceProfile vNIC to Template

Summary

Bind a UCS service profile vNIC to a template.

Description

This task binds a UCS service profile vNIC to a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCS Service Profile from the list	ucsServiceProfileIdentity	Y
Service Profile vNIC	Choose the UCS Service Profile vNIC from the list	ucsServiceProfilevNICIdentity	Y
vNIC Template	Choose the vNIC Template from the list	UcsVNICTemplateIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_SP_VNIC_IDENTITY	vNIC Identity of service profile's vNIC that was created as part of service profile.	ucsServiceProfilevNICIdentity
OP_UCS_VNIC_TEMPLATE	UCS vNIC Template Identity	UcsVNICTemplateIdentity

Change UCS Maintenance Policy

Summary

Change a maintenance policy.

Description

This task changes the maintenance policy of a service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCS service profile from the list	ucsServiceProfileIdentity	Y
Maintenance Policy	Choose the maintenance policy to change	UcsMaintenancePolicyIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity

Check UCS Service Profile Association Status

Summary

Check a UCS service profile association status.

Description

This task checks a UCS service profile association status.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profiles	Choose the service profile from list to check the association status	ucsMultiServiceProfile Identity	Y

Outputs

Output	Description	Type
MULTI_SERVER_IDENTITY	UCS Multi Server Identity	ucsMultiServerIdentity

Clone UCS Boot Policy

Summary

Create a clone of a selected UCS boot policy.

Description

This task clones an existing boot policy, creating an identical new boot policy. Output of this task is the name of the newly created boot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Master Boot Policy Name	Choose the Master Boot Policy from the list	ucsBootPolicyIdentity	Y
Clone Boot Policy Name	Enter a name for the Clone Boot Policy	gen_text_input	Y

Outputs

Output	Description	Type
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity

Clone UCS Service Profile

Summary

Clone a UCS service profile.

Description

This task clones a UCS service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCS Service Profile to clone	ucsServiceProfileIdentity	Y
Clone Service Profile Name	Enter the UCS service profile name	gen_text_input	Y
Organization	Choose the UCSM organization under which to create the service profile	ucsOrganizationIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
SERVICE_PROFILE_IDENTITY1	UCS Service Profile Identity created	ucsServiceProfileIdentity

Clone UCS Service Profile Template

Summary

Clone a UCS service profile template.

Description

This task clones an existing UCS Manager service profile template. Output of this task is the service profile template identity of the cloned service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose Service Profile Template	ucsServiceProfileTemplateIdentity	Y
Service Profile Template Name	Enter service profile template name.	gen_text_input	Y
Organization	Choose Organization	ucsOrganizationIdentity	Y

Outputs

Output	Description	Type
NEW_SERVICE_PROFILE_TEMPLATE_NAME	Name of new Service Profile Template	gen_text_input
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplateIdentity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
NEW_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity created	ucsServiceProfileTemplateIdentity

Collect UCS Chassis Inventory

Summary

This task fetches a UCS chassis inventory.

Description

This task fetches the chassis inventory for a UCS Manager account.

Inputs

Input	Description	Mappable To Type	Mandatory
UCSM Account	Choose a UCSM account for which to collect chassis inventory	ucsAccountIdentity	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName

Configure UCS Server Port

Summary

Configure a UCS fabric port as a server port.

Description

This task enables the UCS fabric port and configures it as a server port.

Inputs

Input	Description	Mappable To Type	Mandatory
Ethernet Ports	Choose one or more ethernet ports to configure as server ports	ucsFabricPortIdentity	Y

Outputs

Output	Description	Type
UCS_FABRIC_PORT_IDENTITY	UCS Fabric Port Identity	ucsFabricPortIdentity

Create UCS Boot Policy

Summary

Create a new UCS boot policy.

Description

This task creates a new UCS boot policy to specify the boot order for a server.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter a name for the Boot Policy	gen_text_input	Y
Policy Description	Enter the description for Boot Policy		
Organization	Choose the UCSM Organization to put the Boot Policy under	ucs Organization Identity	Y
Reboot On Order Change	Check Reboot On Order Change		
Enforce vNIC/vHBA Name	Check Enforce vNIC/vHBA Name		
Boot Mode	Choose the Boot Mode from the list	UCSServer BootModes	
Boot Security	Check Boot Security		
Add Boot Device	Add Boot Device		
Add CD ROM	Check to add CD ROM to the boot order		
Add Local CD/DVD	Check to add local CD/DVD to the boot order		
Add Remote CD/DVD	Check to add remote CD/DVD to the boot order		
Add Floppy Disk	Check to add floppy disk to the boot order		
Add Local Floppy Disk	Check to add local floppy disk to the boot order		
Add Remote Floppy Disk	Check to add remote floppy disk to the boot order		
Add Local Disk	Check to add local disk to the boot order	Boolean	
Add Local Lun	Check to add local LUN to the boot order		
Add Primary Local Lun	Check to add primary local LUN to the boot order		
Add Secondary Local Lun	Check to add a secondary local LUN to the boot order		
Add Local JBOD	Check to add a local JBOD to the boot order		

Input	Description	Mappable To Type	Mandatory
Add SD Card	Check to add an SD card to the boot order		
Add Internal Usb	Check to add internal USB to boot order		
Add External Usb	Check to add external USB to the boot order		
Add Embedded Local LUN	Check to add an embedded local LUN to the boot order		
Add Embedded Local Disk	Check to add an embedded local disk to the boot order		
Add NVMe	Check to add NVMe to the boot order		
Add Remote Virtual Drive	Check to add remote virtual to the boot order		
Add CIMC Mounted CD/DVD	Check to add a CIMC mounted CD/DVD to the boot order		
Add CIMC Mounted HDD	Check to add a CIMC mounted HDD to the boot order		
Add Primary LAN Boot	Check to add primary LAN boot to the boot order		
Primary vNIC	Enter a vNIC name for primary LAN boot for the boot policy	gen_text_input	
Add Secondary LAN Boot	Check to add secondary LAN boot to the boot order		
Secondary vNIC	Enter a vNIC name for secondary LAN boot for the boot policy	gen_text_input	
Add SAN Boot	Check to add SAN boot to the boot order		
Add Primary SAN Boot	Check to add primary SAN boot to the boot order		
Primary vHBA	Enter a vHBA name for primary SAN boot for the boot policy	gen_text_input	
Add Primary SAN Boot Target Primary	Check to add primary SAN boot target primary		
Primary Boot Target LUN Primary	Enter the target LUN ID	gen_text_input	
Primary Boot Target WWPN Primary	Enter the target WWPN	gen_text_input	
Add Primary SAN Boot Target Secondary	Check to add primary SAN boot target secondary		
Primary Boot Target LUN Secondary	Enter the target LUN ID	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Primary Boot Target WWPN Secondary	Enter the target WWPN	gen_text_input	
Add Secondary SAN Boot	Check to add secondary SAN boot to the boot order		
Secondary vHBA	Enter vHBA name for secondary SAN boot	gen_text_input	
Add Secondary SAN Boot Target Primary	Check to add secondary SAN boot target primary		
Secondary Boot Target LUN Primary	Enter the target LUN ID	gen_text_input	
Secondary Boot Target WWPN Primary	Enter the target WWPN	gen_text_input	
Add Secondary SAN Boot Target Secondary	Check to add secondary SAN boot target secondary		
Secondary Boot Target LUN Secondary	Enter the target LUN ID	gen_text_input	
Secondary Boot Target WWPN Secondary	Enter the target WWPN	gen_text_input	
Add Iscsi Boot	Check to add iSCSI boot to the boot order		
Add Primary Iscsi Vnic	Enter the primary iSCSI vNIC	gen_text_input	
Add Iscsi Boot	Check to add secondary iSCSI boot to the boot order		
Add Secondary Iscsi Vnic	Enter the secondary iSCSI vNIC	gen_text_input	
Add EFI Shell	Check to add EFI shell to the boot order		

Outputs

Output	Description	Type
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity

Create UCS Disk Group Policy

Summary

Create a UCS Disk Group Policy.

Description

This task creates a UCS Disk Group Policy. The user selects Organization, RAID Level, and Configuration Type. If 'Automatic' is selected as the Disk Group Configuration Type, then the user needs to select further inputs, including Number of Drives, Drive Type, Number of Dedicated Hot Spares, Number of Global Hot Spares, Min Drive Size (GB), Use Remaining Disks, and Use JBOD Disks. If 'Manual' is selected as the Disk Group Configuration, then the user needs to select inputs including Slot Number, Role, and Span ID. The Virtual Drive Configuration includes Strip Size (KB), Access Policy, Read Policy, Write Cache Policy, IO Policy, Drive Policy, and Security. The output of this task is the new Disk Group Policy Identity. This task supports a Rollback Action.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter Disk Group Policy name	gen_text_input	Y
Description	Enter description for the Disk Group Policy	gen_text_input	
Organization	Select UCSM Organization under which to create the diskgroup policy	ucsOrganizationIdentity	Y
RAID Level	Choose the RAID level from the list	UCSRaidLevelLOV	
Disk Group Configuration Type	Choose the disk group configuration from the list		Y
Number of Drives	Enter the number of drives. Valid range is between 0 and 60.	gen_text_input	Y
Drive Type	Choose the drive type from the list	UCSDriveTypeLOV	
Number of Dedicated Hot Spares	Enter the number of dedicated hot spares. Valid range is between 0 and 60.	gen_text_input	Y
Number of Global Hot Spares	Enter the number of global hot spares. Valid range is between 0 and 60.	gen_text_input	Y
Min Drive Size (GB)	Enter the minimum drive size in GB. Valid range is between 0 and 10240.	gen_text_input	Y
Use Remaining Disks	Check to choose the remaining disks from the list.	UCSYesNoLOV	
Use JBOD Disks	Choose the use JBOD disks Yes/No from the list	UCSYesNoLOV	
Local Disk Configuration	Create Local Disk Configuration		
Stripe Size (KB)	Choose the stripe size from the list	UCSStripSizeLOV	
Access Policy	Choose the access policy from the list	UCSAccessPolicyLOV	

Input	Description	Mappable To Type	Mandatory
Read Policy	Chosse the read policy from the list	UCSReadPolicyLOV	
Write Cache Policy	Choose the write cache policy from the list	UCSWriteCachePolicyLOV	
IO Policy	Choose the IO policy from the list	UCSIOPolicyLOV	
Drive Cache	Choose the drive cache from the list	UCSDriveCacheLOV	
Security	Choose the security Yes/No from the list	UCSYesNoLOV	

Outputs

Output	Description	Type
DISKGROUP_POLICY_IDENTITY	UCS Disk Group Policy Identity	UCSDiskGroupPolicyIdentity
DISKGROUP_POLICY_NAME	UCS Disk Group Policy Name	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Create UCS Maintenance Policy

Summary

Create a maintenance policy.

Description

This task creates a UCS maintenance policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter the maintenance policy name	gen_text_input	Y
Description	Enter the maintenance policy description		
Organization	Select UCSM Organization under which to create the maintenance policy	ucsOrganizationIdentity	Y
Soft Shutdown Timer	Select timer	UCSShutdownTimer Identity	Y
Storage Config Deployment Policy	Select storage config deployment policy type	UCSStorageConfig DeploymentIdentity	Y
Reboot Policy	Select reboot policy	UCSRebootIdentity	Y
On Next Boot	Check to apply the changes on next boot	Boolean	Y
Schedule	Select schedule	UCSScheduleIdentity	Y

Outputs

Output	Description	Type
UCS_MAINTENANCE_POLICY_IDENTITY	UCS Maintenance Policy Identity	UcsMaintenancePolicyIdentity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Create UCS Network Control Policy

Summary

Create a UCS network control policy.

Description

This task creates a UCS network control policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter Network Control Policy Name	gen_text_input	Y
Account Name	Choose the UCS account name from the list	ucsAccountName	Y
Organization	Choose the UCS organization under which the network control policy is to be created	ucsOrganization Identity	Y
CDP	Choose the CDP from the list		Y
Action on Uplink Fail	Choose the Uplink Fail Action from the list		Y
Forge	Choose the Forge from the list		Y

Outputs

Output	Description	Type
NETWORK_CONTROL_POLICY_NAME	UCS Network Control Policy Name	gen_text_input
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
NETWORK_CONTROL_POLICY_DN_IDENTITY	UCS Network Control Policy DN	ucsNetworkControlPolicy Identity

Create UCS Organization

Summary

Create a UCS Organization.

Description

This task creates an organization under a UCS Manager account. Output of this task is the identity of the new organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter Name .UCSAnnotationConstants.ANNOTATION_NAME_16_CHAR	gen_text_input	Y
Description	Enter description for the organization.		
Organization	Choose the parent UCSM organization from the list	ucsOrganizationIdentity	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Create UCS QoS Policy

Summary

Create a UCS QoS Policy.

Description

This task creates a UCS QoS Policy. The user selects Organization, Policy Name, Description, Priority, Burst (Bytes), \ Rate (Kbps), and Host Control. The output of this task is the new QoS Policy Identity and Name. This task supports a rollback action.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter QoS Policy name	gen_text_input	Y
Description	Enter a description of QoS policy.		
Organization	Select the organization where you want to create the Qos policy	ucsOrganizationIdentity	Y
Priority	Choose a Priority from the list	UCS_QOS_PRIORITY_LIST_PROVIDER	Y
Burst(Bytes)	Enter the valid burst value.	gen_text_input	Y
Rate(Kbps)	Choose the Rate type		Y
Host Control	Choose a Host Control	UCS_QOSPOLICY_HOSTCONTROL_LOVPROVIDER	Y

Outputs

Output	Description	Type
UCS_QOS_POLICY_NAME	UCS QOS Policy Name	UCS_QOS_POLICY_NAME
UCS_QOS_POLICY_IDENTITY	UCS QOS Policy Identity	ucsQosPolicyIdentity

Create UCS Scrub Policy

Summary

Create a UCS Scrub Policy.

Description

This task creates a UCS Scrub Policy. The user selects Organization, Disk Scrub Supports, BIOS Settings Scrub, FlexFlash Scrub, Policy Name, and Description. The output of this task is the new Scrub Policy Identity. This task supports a Rollback Action.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter Scrub Policy name	gen_text_input	Y
Description	Enter description	gen_text_input	
Organization	Choose the UCS organization from the list	ucsOrganizationIdentity	Y
Disk Scrub	Choose Yes or No for Disk Scrub	UCSYesNoLOV	
BIOS Settings Scrub	Choose Yes or No for BIOS Setting Scrub	UCSYesNoLOV	
FlexFlash Scrub	Choose Yes or No for FlexFlash Scrub	UCSYesNoLOV	

Outputs

Output	Description	Type
SCRUB_POLICY_IDENTITY	UCS Scrub Policy Identity	ucsScrubPolicyIdentity
SCRUB_POLICY_NAME	UCS Scrub Policy Name	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Create UCS Server Pool

Summary

Create a UCS server pool.

Description

This task creates a UCS server pool and adds servers to it. Output of this task is the identity of the new server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool Name	Enter a server pool name	gen_text_input	Y
Server Pool Description	Enter a server pool description		
Organization	Choose the organization for server pool	ucsOrganizationIdentity	Y
Servers	Choose one or more servers from the list	ucsMultiServerIdentity	

Outputs

Output	Description	Type
SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Create UCS Service Profile

Summary

Create a new service profile.

Description

This task creates a new service profile. The user selects Organization, UUID pool, Network Policy, Storage Policy, PXE boot policy, Blade boot policy, Placement Policy, and other operational policies to create the service profile. The user can specify the firmware policy to use according to the version of UCS. The Power State of the server once the service profile is associated can also be specified while creating a new service profile. PXE boot policy is used first when the service profile is created. In case of PXE Boot, Blade policies are applied to the service profile after LAN boot is complete. Placement Policy can be used to specify the vNIC/vHBA placement mapping between vNIC/vHBA and Virtual Interface Network Cards(vCon). Output of this task is the service profile domain name (DN) followed by PXE boot policy, blade boot policy, and a list of vHBAs and vSANS for the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Name	Enter the name of the service profile. The name must be unique within the organization.	gen_text_input	Y
Description	Enter a description for the profile.	gen_text_input	
Organization	Choose Organization	ucsOrganization Identity	Y
UUID Assignment	Choose the UUID. If no selection is made, the UUID is assigned from the default pool.	ucsUUIDIdentity	Y
Storage Policy	Choose the disk group policy from the list	ucsStoragePolicy Identity	Y
Network Policy	Choose the network policy from the list	ucsNetworkPolicy Identity	Y
Placement Policy	Choose the placement policy for mapping vNICs and vHBAs to interface cards (v Cons).		
PXE Boot Policy	Choose the PXE boot policy from the list		
Server Boot Policy	Choose the boot policy from list	ucsBootPolicy Identity	Y
BIOS Policy	Choose BIOS Policy		
IPMI Access Profile	Choose IPMI Access Profile		
SOL Configuration Profile	Choose SOL Configuration Profile		
Management IP Addresses	Management IP Addresses		

Input	Description	Mappable To Type	Mandatory
Outband IPv4	Check this option to use an outband IPv4		
IP Address	Choose the IP Address for the UCS service profile	gen_text_input	Y
Subnet Mask	Choose the subnet mask for the UCS service profile	gen_text_input	Y
Default Gateway	Choose the default gateway for the UCS service profile	gen_text_input	Y
Outband Pool Name	Choose an IPv4 or IPv6 IP pool.		Y
Inband	Check this option to use an inband IPV4 and IPV6 management policy		
Inband Pool Name	Choose Inband Pool Name		Y
IP Address	Choose the IP Address from the list	gen_text_input	Y
Subnet Mask	Choose the subnet mask from the list	gen_text_input	Y
Default Gateway	Choose the default gateway from the list	gen_text_input	Y
IPV6 Address	Enter an IPV6 address for the UCS service profile	gen_text_input	Y
Prefix	Enter a prefix for the UCS service profile	gen_text_input	Y
Default Gateway	Enter the default gateway for the UCS service profile	gen_text_input	Y
Inband Pool Name	Choose Inband Pool Name		Y
Threshold Policy	Choose Threshold Policy		
Scrub Policy	Choose Scrub Policy		
Host Firmware Policy	Choose Host Firmware Policy		
Maintenance Policy	Choose Maintenance Policy		
Power Control Policy	Choose Power Control Policy		
Server Power State	Choose Server Power State	gen_text_input	Y
vMedia Policy	Choose the vMedia configuration from the list	ucsvMediaPolicy Identity	
Storage Profile	Choose the storage profile configuration from the list	storageProfile Identity	

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName

Output	Description	Type
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganization Identity
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfile Identity
BLADE_BOOT_POLICY	Name of the server boot policy that was used for creating service profile	ucsBootPolicy Identity
SP_BOOT_POLICY	Name of new Boot Policy created	ucsBootPolicy Identity
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma2@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma3@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile.	ucsServiceProfilevNICIdentity

Output	Description	Type
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity

Create UCS Service Profile from Template

Summary

Create one or more service profiles from a service profile template.

Description

This task creates one or more new service profiles from a service profile template. For the Updating Type Global Service Profile template, the workflow task is executed successfully when the number of available servers is equal to the number of service profiles. The workflow task fails when the number of servers available for association is less than the number of service profiles. Before failing, the task associates service profiles (selected at random) to all the available free servers. The workflow task fails when a service profile captured in the log file is not associated to a server. For the Initial Type Global Service Profile template, the workflow task is executed successfully even when the number of available servers is not equal to the number of service profiles. The user enters the prefix for the service profile name and the number of service profiles to be created, or Create Single SP without appending a suffix. If the user selects Create Single SP without appending a suffix, a single service profile with the given name is created. If Create Single SP without appending suffix is not selected, the ID is appended to the service profile name starting with 1 and incremented by 1 for each service profile. The service profile template accepts only a semicolon-separated identity string. For example:

UCSMAccountName;OrgDn;ServiceProfileTemplateDn. Output of this task is the list of service profiles, the service profile domain name (DN) for the first service profile, the boot policy, and lists of vHBAs and vSANS for the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Name Prefix	Enter service profile name prefix. All the service profiles created from this template will be prefixed with the specified name	gen_text_input	Y
Create Single SP without appending suffix	Choose this option to create Single SP without appending suffix	Boolean	
Number of Service Profiles	Enter number of service profiles to be created from the template	gen_text_input	Y
Organization	Choose Organization	ucsOrganization Identity	Y
Service Profile Template	Select service profile template name from which to create service profiles	gen_text_input	Y

Outputs

Output	Description	Type
ALL_SERVICEPROFILE_NAMES	DN of the Service Profiles on which the selected operation was performed	ucs_service_profile
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfile Identity

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity
SCRUB_POLICY_IDENTITY	UCS Scrub Policy Identity	ucsScrubPolicyIdentity
UCS_SERVICE_PROFILE_OPER_STATE	UCS Service Profile Operational State	ucsServiceProfileOperState
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba2@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba3@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VHBA1_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1)	gen_text_input
SP_VHBA2_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2)	gen_text_input
SP_VHBA3_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3)	gen_text_input
SP_VHBA4_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4)	gen_text_input
SP_VHBA5_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan5)	gen_text_input
SP_VHBA6_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan6)	gen_text_input
SP_VHBA7_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan7)	gen_text_input
SP_VHBA8_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan8)	gen_text_input
SP_VHBA9_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan9)	gen_text_input
SP_VHBA10_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan10)	gen_text_input
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
ALL_SERVICE_PROFILE_NAMES	Name of the Service Profiles on which the selected operation was performed	gen_text_input
ALL_SERVICE_PROFILE_ACCOUNTNAME_DNS	Account Name and DN's of the Service Profiles on which the selected operation was performed	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input

Output	Description	Type
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input

Output	Description	Type
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Server Outband Management IP address	gen_text_input
ISCSI_IQN	UCS Service Profile iSCSI vNIC's IQN	gen_text_input
ISCSI_ADDR	UCS Service Profile iSCSI vNIC's IP Address	gen_text_input
SP_iSCSI_PRIMARY_IP	Primary iSCSI Static IP Address.	StaticPoolIP
SP_iSCSI_PRIMARY_SUBNET	Primary iSCSI Subnet IP Address.	subnetMask
SP_iSCSI_PRIMARY_GATEWAY	Primary iSCSI Gateway IP Address.	gen_text_input

Output	Description	Type
SP_iSCSI_ SECONDARY_IP	Secondary iSCSI Static IP Address.	StaticPoolIP
SP_iSCSI_ SECONDARY_ SUBNET	Secondary iSCSI Subnet IP Address.	subnetMask
SP_iSCSI_ SECONDARY_ GATEWAY	Secondary iSCSI Gateway IP Address.	gen_text_input

Create UCS Service Profile iSCSI Boot Policy

Summary

Create a UCS service profile boot policy.

Description

This task configures the iSCSI boot policy for a UCS Manager service profile. You can set iSCSI Boot Parameters and can create iSCSI Static Targets.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to modify	ucsServiceProfileIdentity	Y
Add LAN Boot	Check to add a LAN Boot		
Primary vNIC	Enter the primary vNIC name for the LAN Boot	gen_text_input	
Secondary vNIC	Enter secondary vNIC name for LAN Boot	gen_text_input	
Add Primary iSCSI Boot	Check to add the primary iSCSI Boot for the LAN Boot		
Primary iSCSI vNIC	Enter primary iSCSI vNIC name for primary iSCSI boot	gen_text_input	Y
Add Secondary iSCSI Boot	Check to add secondary iSCSI boot for LAN Boot		
Secondary iSCSI vNIC	Enter secondary iSCSI vNIC name for secondary iSCSI Boot	gen_text_input	Y
Set Boot Parameters	Check to Set Boot Parameters		Y
Set iSCSI Boot Parameters	Set iSCSI Boot Parameters		
Authentication Profile	Choose the authentication profile from the list	ucsIscsiAuthenticationProfileIdentity	
Initiator Name Assignment	Choose the initiator name assignment from the list	ucsIqnPoolIdentity	Y
Initiator IP Address Policy	Choose the IP address policy from the list	gen_text_input	Y
Create iSCSI Static Target	Create iSCSI Static Target		
Select Storage Account Type	Choose the storage account type from the list	gen_text_input	
Select Storage Account	Choose the filer name.	ISCSI Supported Storage Accounts	
SVM Name	Choose the SVM from which the iSCSI boot policy is to be created	netappClusterVServerIdentity	

Input	Description	Mappable To Type	Mandatory
iSCSI Target Name	Choose the iSCSI target name from the list	gen_text_input	Y
Port	Enter Port	gen_text_input	Y
Authentication Profile	Choose the authentication profile from the list	ucsIscsiAuthenticationProfileIdentity	
IPv4 Address	Choose the iSCSI enabled VLAN IP from the list	gen_text_input	Y
LUN Id	Enter LUN Id	gen_text_input	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
ISCSI_IQN	UCS Service Profile iSCSI vNIC's IQN	gen_text_input
ISCSI_ADDR	UCS Service Profile iSCSI vNIC's IP Address	gen_text_input

Create UCS VLAN Group

Summary

Create a VLAN Group.

Description

This task creates a VLAN Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose Account Name		
Name	Enter Name .UCSAnnotationConstants. ANNOTATION_NAME_32_CHAR	gen_text_input	Y
VLANs	Choose one or more VLANs	gen_text_input	
NativeVLAN	Select Native VLAN	gen_text_input	
Uplink Ports	Check to add uplink ports to the VLAN group		
Port Channels	Check to add port channels to the VLAN group		

Outputs

Output	Description	Type
VLAN_GROUP_IDENTITY	VLAN Group Identity.	ucsVlanGroupIdentity

Create UCS vMedia Policy

Summary

Create a UCS vMedia Policy.

Description

The task creates a UCS vMedia policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter the vMedia policy name. Policy name can be alphanumeric, no more than 16 characters and can include the following special characters: _ , - , . and : , .	gen_text_input	Y
Policy Description	Enter description for vMedia policy	gen_text_input	
Organization	Choose the UCSM organization from the list under which to create the vMedia policy	ucsOrganization Identity	Y
Retry on Mount Failure	Check to set retry mode for the vMedia policy	ucsVmediaRetry	

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity

Create iSCSI IP Pool Block

Summary

Create an iSCSI IP pool block.

Description

This task creates an iSCSI IP pool block.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Choose the UCS Account name from the list	ucsAccountIdentity	Y
From	Enter IP Address	ipv4Address	Y
Size	Enter range of the IP Addresses to be created	gen_text_input	Y
Subnet Mask	Enter subnet mask address	ipv4Address	Y
Default Gateway	Enter default gateway address	ipv4Address	Y
Primary DNS	Enter Primary DNS	ipv4Address	Y
Secondary DNS	Enter Secondary DNS	ipv4Address	Y

Outputs

Output	Description	Type
OUTPUT_ISCSI_IP_POOL_IDENTITY	UCS iSCSI IP Pool Block Identity	UCS_ISCSI_IP_POOL_BLOCK_IDENTITY

Delete LUNs From Server

Summary

Delete LUNs From a server.

Description

This task deletes orphaned LUNs From a server. Inputs are the server identity (required), a Boolean flag to delete all LUNs from the server (default is TRUE, Delete All LUNs), and a multi-select list of LUNs to delete. Output is a multi-select list of LUNs that were deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the server from the list	ucsServerIdentity	Y
Delete All LUNs	Check to delete all orphaned LUNs from the selected server. Uncheck to select individual LUNs to delete.	Boolean	
LUNs	Choose the LUN from the list	ucsMultiLunIdentity	

Outputs

Output	Description	Type
LUN_IDENTITY	UCS Multi Lun Identity	ucsMultiLunIdentity

Delete NTP Server from UCSM

Summary

Delete an NTP server from UCS Manager.

Description

This task deletes an NTP server from UCS Manager.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server	Choose the NTP server to be deleted	ucsTimeZoneIdentity	Y

Outputs

No Outputs

Delete Servers from UCS Server Pool

Summary

Delete servers from a UCS server pool.

Description

This task removes one or more servers from a UCS Manager server pool. Output of this task is the identity of the modified server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool	Choose the server pool from which to delete the servers	ucsServerPoolIdentity	Y
Servers	Choose one or more servers from the list to be deleted	ucsMultiServerIdentity	Y

Outputs

Output	Description	Type
SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity

Delete UCS Boot Policy

Summary

Delete a UCS boot policy.

Description

This task deletes a boot policy. Output of this task is the identity of the deleted boot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Boot Policy	Choose the UCSM boot policy to be deleted	ucsBootPolicyIdentity	Y

Outputs

Output	Description	Type
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity

Delete UCS Disk Group Policy

Summary

Delete a UCS Disk Group Policy.

Description

This task deletes a UCS Disk Group Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Disk Group Policy	Select UCS Disk Group policy to delete	UCSDiskGroupPolicyIdentity	Y

Outputs

Output	Description	Type
DISKGROUP_POLICY_IDENTITY	UCS Disk Group Policy Identity	UCSDiskGroupPolicyIdentity

Delete UCS Firmware

Summary

Delete one or more UCS firmware bundles and the related firmware packages.

Description

This task deletes one or more firmware bundles. The firmware package matching each of the firmware bundle file names is also deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y
Firmware Bundle	Choose firmware files to delete from the firmware download task	ucsFirmwareDownloadTaskIdentity	Y

Outputs

No Outputs

Delete UCS Iqn Pool

Summary

Delete a UCS Iqn pool.

Description

This task deletes a UCS Iqn Pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Iqn Pool	Choose the UCS IQN pool from the list	ucsIqnPoolIdentity	Y

Outputs

Output	Description	Type
UCS_IQN_POOL	UCS IQN Pool Identity	ucsIqnPoolIdentity

Delete UCS Maintenance Policy

Summary

Delete a UCS maintenance policy.

Description

This task deletes a UCS maintenance policy from UCS Manager.

Inputs

Input	Description	Mappable To Type	Mandatory
Maintenance Policy	Select UCSM Maintenance Policy to be deleted	UcsMaintenancePolicyIdentity	Y

Outputs

Output	Description	Type
UCS_MAINTENANCE_POLICY_IDENTITY	UCS Maintenance Policy Identity	UcsMaintenancePolicy Identity

Delete UCS Manager Account

Summary

Delete a UCS Manager Account.

Description

This task deletes a UCS Manager account.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Choose the UCSM account to be deleted	ucsAccountIdentity	Y

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Delete UCS Network Control Policy

Summary

Delete a UCS network control policy.

Description

This task deletes a UCS network control policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Control Policy	Choose the network control policy to be deleted	ucsNetworkControlPolicy Identity	Y

Outputs

No Outputs

Delete UCS Organization

Summary

Delete a UCS Organization.

Description

This task deletes a UCS Organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization	Choose the UCSM organization to be deleted	ucsOrganizationIdentity	Y

Outputs

Output	Description	Type
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Delete UCS QoS Policy

Summary

Delete a UCS QoS Policy.

Description

This task deletes a UCS QoS Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
QoS Policies	Select QoS Policy to delete	ucsQosPolicyIdentity	Y

Outputs

Output	Description	Type
UCS_QOS_POLICY_IDENTITY	UCS QOS Policy Identity	ucsQosPolicyIdentity

Delete UCS Scrub Policy

Summary

Delete a UCS Scrub Policy.

Description

This task deletes a UCS Scrub Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Scrub Policy	Choose the scrub policy	ucsScrubPolicyIdentity	Y

Outputs

Output	Description	Type
SCRUB_POLICY_IDENTITY	UCS Scrub Policy Identity	ucsScrubPolicyIdentity

Delete UCS Server Pool

Summary

Delete a UCS server pool.

Description

This task deletes a UCS server pool from UCS Manager. Output of this task is the identity of the deleted server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool	Choose the UCSM server pool to be deleted	ucsServerPoolIdentity	Y

Outputs

Output	Description	Type
SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity

Delete UCS Service Profile

Summary

Delete a UCS service profile.

Description

This task deletes a service profile. If the service profile is associated with a server, it is first dissociated from the server, then deleted. Output of this task is the name of the deleted service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to be deleted	ucsServiceProfileIdentity	Y

Outputs

Output	Description	Type
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity

Delete UCS Service Profile Template

Summary

Delete a UCS service profile template.

Description

This task deletes a UCS service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Select UCSM service profile template to Delete	ucsServiceProfileTemplate Identity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplate Identity

Delete UCS Storage Profile

Summary

Delete a UCS storage profile.

Description

This task deletes a storage profile from a UCS Manager account.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Profile	Choose the storage profile to be deleted	storageProfileIdentity	Y

Outputs

No Outputs

Delete UCS VLAN

Summary

Delete a UCS VLAN.

Description

This task deletes a VLAN from UCS and from its managed objects. Output of this task is the ID of the deleted VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Select VLAN to be deleted	ucsVlanIdentity	Y

Outputs

No Outputs

Delete UCS VLAN Group

Summary

Delete a UCS VLAN Group.

Description

This task deletes a UCS VLAN Group from UCS Manager.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Group	Choose the UCS VLAN group to be deleted	ucsVlanGroupIdentity	Y

Outputs

No Outputs

Delete UCS VLAN from vNIC Template

Summary

Delete a vLAN from a vNIC template.

Description

This task deletes a vLAN from a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC Template	Select vNIC Template to delete VLAN	UcsVNICTemplateIdentity	Y
vNIC Template VLAN	Select vNIC Template VLAN	UcsVNICTemplateMultiVLANIdentity	Y

Outputs

Output	Description	Type
OP_UCS_VNIC_TEMPLATE_MULTI_VLAN_IDENTITY	UCS vNIC Template VLAN Identity	UcsVNICTemplateMultiVLANIdentity

Delete UCS vMedia Policy

Summary

Delete a UCS vMedia Policy.

Description

The task deletes a vMedia policy. Input is the identity of the vMedia policy to delete.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Choose the vMedia policy+C310 to be deleted	ucsvMediaPolicyIdentity	Y

Outputs

No Outputs

Delete UCS vNIC Template

Summary

Delete a UCS vNIC template.

Description

This task deletes a UCS vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC Template	Choose the vNIC template to be deleted	UcsVNICTemplateIdentity	Y

Outputs

Output	Description	Type
OP_UCS_VNIC_TEMPLATE	UCS vNIC Template Identity	UcsVNICTemplateIdentity

Delete VLAN from UCS Service Profile

Summary

Delete a VLAN from a service profile.

Description

This task deletes a VLAN from a service profile vNIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose Service Profile	ucsServiceProfile Identity	Y
Switch ID	Select Switch ID		Y
VLAN ID	Select VLAN ID to delete from Service Profile		Y

Outputs

No Outputs

Delete VLAN from UCS Service Profile vNIC

Summary

Remove a VLAN from a service profile vNIC.

Description

This task removes a VLAN from a service profile vNIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile vNIC	Select Service Profile vNIC to delete VLAN	ucsServiceProfilevNICIdentity	Y
VLAN	Select VLAN	ucsVlanIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VLAN_IDENTITY	VLAN IDENTITY	ucsVlanIdentity

Delete VLANS from UCS VLAN Group

Summary

Delete VLANs from a VLAN Group.

Description

This task deletes VLANs from a VLAN Group.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Group	Choose the UCS VLAN group from the list	ucsVlanGroupIdentity	Y
VLAN	Choose the UCS VLAN to be deleted	ucsVlanGroupMultiVlanIdentity	Y

Outputs

Output	Description	Type
VLAN_GROUP_IDENTITY	VLAN Group Identity.	ucsVlanGroupIdentity

Delete iSCSI IP Pool Block

Summary

Delete an iSCSI IP pool block.

Description

This task deletes an iSCSI IP pool block.

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI IP Pool	Choose the iSCSI IP pool from the list	UCS_ISCSI_IP_POOL_BLOCK_IDENTITY	Y

Outputs

Output	Description	Type
OUTPUT_ISCSI_IP_POOL_IDENTITY	UCS iSCSI IP Pool Block Identity	UCS_ISCSI_IP_POOL_BLOCK_IDENTITY

Delete iSCSI vNIC from UCS Service Profile

Summary

Delete an iSCSI vNIC from a UCS service profile.

Description

This task deletes an iSCSI vNIC from a UCS service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile iSCSI vNIC	Choose the iSCSI vNIC to be deleted from the service profile	ucsServiceProfileiSCSIvNICIdentity	Y

Outputs

No Outputs

Delete vHBA from UCS Service Profile

Summary

Delete a vHBA from a UCS Service Profile.

Description

This task deletes a vHBA from a UCS Service Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCS service profile from the list	ucsServiceProfileIdentity	Y
Service Profile vHBA	Choose the vHBA to be deleted from the UCS service profile	ucsServiceProfilevHBAIdentity	Y

Outputs

No Outputs

Delete vMedia Mount from UCS vMedia Policy

Summary

Delete one or more vMedia mounts from a UCS vMedia policy.

Description

The task deletes one or more vMedia mounts from a UCS vMedia policy. Inputs are the vMedia policy identity and multiple identities of vMedia mounts to delete. The task outputs the modified vMedia policy identity.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Choose the vMedia policy from the list	ucsvMediaPolicyIdentity	Y
vMedia Mounts	Choose the vMedia mounts be deleted	ucsvMediaMountIdentity	Y

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity

Delete vNIC from UCS Service Profile

Summary

Delete a vNIC from a UCS service profile.

Description

This task deletes a vNIC from a UCS service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile vNIC	Choose the service profile vNIC to be deleted	ucsServiceProfilevNICIdentity	Y

Outputs

No Outputs

Disassociate Storage Profile from Service Profile

Summary

Dissociate a storage profile from a service profile.

Description

This task dissociates a storage profile from a service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to be disassociated from the storage profile	ucsServiceProfileIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity

Disassociate UCS Server

Summary

Dissociates a UCS server from a server pool.

Description

This task dissociates a UCS server from a server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the servers	ucsServerIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Disassociate UCS Service Profile

Summary

Disassociate a UCS service profile from a server.

Description

This task dissociates a Profile from a server. If on, the server is turned off.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCSM service profile to Disassociate	ucsServiceProfileIdentity	Y

Outputs

No Outputs

Disassociate UCS Service Profile Template

Summary

Dissociate a UCS service profile template.

Description

This task dissociates a UCS service profile template from a UCS server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Select UCSM SP Template to Disassociate	ucsServiceProfileTemplate Identity	Y

Outputs

No Outputs

Download UCS Firmware

Summary

Download a UCS firmware image.

Description

This task downloads a firmware image from a remote path. The task waits for download completion or failure until the configured timeout. The default timeout is 15 minutes. The minimum wait time is 5 minutes and the maximum wait time is 90 minutes.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y
Protocol	Choose protocol	ucsFirmwareDownloadTaskProtocolSelector	
Server	Enter Server	gen_text_input	Y
File Name	Enter File Name	gen_text_input	Y
Remote Path	Enter remote path	gen_text_input	
User	Enter username	gen_text_input	
Password	Enter password	password	
Timeout (minutes)	Enter the length of time the task should wait. The minimum allowed wait time is 5 minutes and the maximum is 90 minutes.	gen_text_input	Y

Outputs

Output	Description	Type
OP_UCS_FIRMWARE_DIST_PACKAGE_IDENTITY	UCS Host Firmware Package Identity	ucsfirmwareDistPackageIdentity
OP_UCS_FIRMWARE_DOWNLOAD_TASK_IDENTITY	UCS Host Firmware Download Task Identity	ucsFirmwareDownloadTaskIdentity
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Get UCS Infra Firmware Upgrade Status

Summary

Get a UCS infra firmware upgrade status.

Description

This task gets the current status of the UCS infra firmware upgrade.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y

Outputs

Output	Description	Type
UCS_FIRMWARE_STATUS	UCS Multi Server Firmware Status Identity	ucsfirmwarestatus

Get UCS Server Firmware Upgrade Status

Summary

Get the status of the UCS server firmware upgrade.

Description

This task gets the current status of the UCS server firmware upgrade.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y
Servers	Select one or more servers from the list	ucsMultiServerIdentity	

Outputs

Output	Description	Type
MULTI_SERVER_IDENTITY	UCS Multi Server Identity	ucsMultiServerIdentity
OP_UCS_MULTI_SERVER_IDENTITY_ALL	UCS Multi Server Identity (all affected servers identity)	ucsMultiServerIdentity
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
OP_UCS_MULTI_SERVICE_PROFILE_IDENTITY_ALL	UCS Multi Service Profile Identity (all affected service profile identity)	ucsMultiServiceProfileIdentity
UCS_FIRMWARE_STATUS	UCS Multi Server Firmware Status Identity	ucsfirmwarestatus

Get UCS vMedia Policy

Summary

Get a UCS vMedia Policy.

Description

This task fetches the properties of a UCS vMedia policy. Input is the vMedia policy identity. The task outputs the vMedia policy identity, properties of the policy, and the vMedia mount identities available under the vMedia policy.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Select the vMedia policy	ucsvMediaPolicyIdentity	Y

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
UCS_vMEDIA_POLICY_DESCRIPTION	UCS vMedia Policy Description	ucsvMediaPolicyDescription
UCS_vMEDIA_POLICY_RETRY	UCS vMedia Policy Retry	ucsvMediaPolicyRetry
OP_UCS_vMEDIA_MOUNT_IDENTITY	UCS vMedia Mount Identity	ucsvMediaMountIdentity

Install UCS Infra Firmware

Summary

Install UCS Infra Firmware.

Description

This task immediately triggers an infrastructure firmware upgrade for a Cisco UCS Manager account. The task upgrades all infrastructure components in a Cisco UCS domain, including Cisco UCS Manager and all fabric interconnects and I/O modules.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a UCS Manager account name	ucsAccountIdentity	Y
Description	Enter the description	gen_text_input	
Infra Pack	Choose a Infra Pack.	ucsfirmwareDistPackageIdentity	
Force	Check to enable force option.	Boolean	
Evacuate	Check to enable evacuate option. FI evacuation will be turned OFF at the end of Auto Install.	Boolean	

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Install UCS Server Firmware

Summary

Install UCS server firmware.

Description

This task triggers a firmware upgrade of the UCS managed servers. Servers matching the policies are upgraded to the selected firmware package versions.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y
B-Series Blade Server Firmware	Choose a B-Series blade server firmware version if you have blade servers managed by UCS Manager. Firmware upgrades on individual servers can be controlled by choosing appropriate firmware packages.	ucsfirmwareDistPackageIdentity	
C-Series Rack Mount Server Firmware	Choose a C-Series rack-mount server firmware version if you have rack-mount servers managed by UCS Manager. Firmware upgrades on individual servers can be controlled by choosing appropriate firmware packages.	ucsfirmwareDistPackageIdentity	
Host Firmware Packages	Choose host packs that must be modified to the selected server packages. Selecting the default host firmware package may result in the reboot of associated service profiles lacking an explicit host firmware package, as well as the firmware upgrade of non-associated servers.	ucsFirmwarePolicy	Y

Outputs

Output	Description	Type
MULTI_SERVER_IDENTITY	UCS Multi Server Identity	ucsMultiServerIdentity
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Manage UCS Servers

Summary

Move unmanaged servers to the Managed state.

Description

This task queries all the servers in the Unmanaged state in UCSD and moves them to the Managed state.

Inputs

Input	Description	Mappable To Type	Mandatory
Discovered Servers	Select UCS Servers to be managed	ucsDiscoveredMultiServer Identity	Y

Outputs

Output	Description	Type
DISCOVERED_MULTI_SERVER_IDENTITY	UCS Discovered Multi Server Identity	ucsDiscoveredMultiServer Identity

Modify UCS Boot Policy LUN ID

Summary

Modify a SAN Target LUN ID for the selected boot policy.

Description

This task modifies a LUN ID for the SAN Target of the selected boot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
PXE Boot Policy	PXE Boot Policy to be modified	ucsBootPolicyIdentity	Y
Server Boot Policy	Choose the server boot policy from the list	ucsBootPolicyIdentity	Y
Lun ID	Enter the LUN ID to modify.	gen_text_input	Y

Outputs

No Outputs

Modify UCS Boot Policy WWPN

Summary

Modify the WWPN of a SAN target for a selected boot policy.

Description

This task modifies a world wide port name (WWPN) for the SAN target of the selected boot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Boot Policy	Choose the boot policy from the list	ucsBootPolicyIdentity	Y
Primary Boot Target WWPN Primary	Enter the primary boot target WWPN primary	gen_text_input	
Primary Boot Target WWPN Secondary	Enter the primary boot target WWPN secondary	gen_text_input	
Secondary Boot Target WWPN Primary	Enter the secondary boot target WWPN primary	gen_text_input	
Secondary Boot Target WWPN Secondary	Enter the secondary boot target WWPN secondary	gen_text_input	

Outputs

Output	Description	Type
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_PRIMARY	Primary WWN of the virtual Host Bus Adapter 1 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_SECONDARY	Secondary WWN of the virtual Host Bus Adapter 1 that was created as part of Boot Policy	gen_text_input
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_PRIMARY	Primary WWN of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_SECONDARY	Secondary WWN of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input

Modify UCS Manager Password

Summary

Modify a UCS Manager Password.

Description

This task modifies the password in a UCS Manager account.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Choose the UCS account name to change the password of	ucsAccountIdentity	Y
New Password	Enter a new password	password	Y
Confirm Password	Enter same password to confirm	password	Y

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Modify UCS Service Profile

Summary

Modify a UCS service profile's pools and policies.

Description

This UCSM task modifies existing service profile pools and policies. The user cannot remove an existing policy. The task returns the service profile identity and the identities of the modified pools and policies.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a service profile to modify	ucsServiceProfileIdentity	Y
Description	Enter the service profile description		
Server Power State	Choose the power state to be applied to the server when a service profile is associated	ucsserverPowerState	Y
UUID Pool	Choose an UUID Pool from the list	ucsUUIDIdentity	
In-band Management IP Pool (IPv4)	Choose an In-band management IP Pool IPv4 from the list	ucsIPPoolIdentity	
Out-band Management IP Pool (IPv4)	Choose an Out-band management IP Pool IPv4 from the list	ucsIPPoolIdentity	
In-band Management IP Pool (IPv6)	Choose an In-band management IP Pool IPv6 from the list	ucsIPPoolIdentity	
Management VLAN	Choose a management VLAN from the list	ucsVlanIdentity	
IP Pool	Choose an IP pool from the list	ucsIPPoolIdentity	
IQN Pool	Choose an IQN Pool from the list	ucsIqnPoolIdentity	
LAN Adapter	Choose a LAN adapter policy from the list	ucsLanAdapterPolicyIdentity	
SAN Adapter	Choose a SAN adapter policy from the list	ucsSanAdapterpolicyIdentity	
Local Disk Configuration	Choose a local disk configuration policy from the list	ucsLocalDiskConfigurationPolicy	
Maintenance	Choose a maintenance policy from the list	UcsMaintenancePolicyIdentity	
Host Firmware Package	Choose a host firmware package policy from the list	ucsFirmwarePolicy	
BIOS	Choose a BIOS policy from the list	ucsBIOSPolicy	
Boot	Choose a boot policy from the list	ucsBootPolicyIdentity	
Scrub	Choose a scrub policy from the list	ucsScrubPolicyIdentity	

Input	Description	Mappable To Type	Mandatory
Power Control	Choose a power control policy from the list	ucspowerControlPolicy	
IPMI Access Profile	Choose an IPMI access profile from the list	ucsIpmiAccessProfile	
Serial over LAN	Choose a serial over LAN policy from the list	ucsSOLPolicy	
Statistics Threshold	Choose a statistics threshold policy from the list	ucsStatsThresholdPolicy Identity	
vMedia	Choose a vMedia policy from the list	ucsvMediaPolicyIdentity	
Storage Profile	Choose a Storage profile from the list	storageProfileIdentity	

Outputs

Output	Description	Type
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
UCS_UUID_POOL_IDENTITY	UCS UUID Pool Identity	ucsUUIDIdentity
UCS_INBAND_IPV4_POOL_IDENTITY	UCS InBand IPv4 Pool Identity	ucsIPPoolIdentity
UCS_INBAND_IPV6_POOL_IDENTITY	UCS InBand IPv6 Pool Identity	ucsIPPoolIdentity
UCS_MANAGEMENTIP_POOL_IDENTITY	UCS IPv4 Pool Identity	ucsIPPoolIdentity
UCS_MANAGEMENT_VLAN_IDENTITY	UCS Management VLAN Identity	ucsVlanIdentity
UCS_IQN_POOL	UCS IQN Pool Identity	ucsIqnPoolIdentity
UCS_LAN_ADAPTER_POLICY_IDENTITY	UCS LAN Adapter Policy Identity	ucsLanAdapterPolicyIdentity
UCS_SAN_ADAPTER_POLICY_IDENTITY	UCS SAN Adapter Policy Identity	ucsSanAdapterpolicyIdentity
BOOT_POLICY_IDENTITY	UCS Boot Policy Identity	ucsBootPolicyIdentity
UCS_BIOS_POLICY_IDENTITY	UCS Bios Policy Identity	ucsBIOSPolicy
UCS_IPMI_POLICY_IDENTITY	UCS IPMI Policy Identity	ucsIpmiAccessProfile
UCS_SOL_POLICY_IDENTITY	UCS SOL Policy Identity	ucsSOLPolicy
SCRUB_POLICY_IDENTITY	UCS Scrub Policy Identity	ucsScrubPolicyIdentity
UCS_HOSTFIRMWARE_POLICY_IDENTITY	UCS Host Firmware Policy Identity	ucsFirmwarePolicy

Output	Description	Type
UCS_MAINTENANCE_POLICY_IDENTITY	UCS Maintenance Policy Identity	UcsMaintenancePolicyIdentity
UCS_POWERCONTROL_POLICY_IDENTITY	UCS Power Control Policy Identity	ucspowerControlPolicy
UCS_STATS_THRESHOLD_POLICY_IDENTITY	UCS Threshold Policy Identity	ucsStatsThresholdPolicyIdentity
LOCAL_DISK_CONFIGURATION_POLICY	UCS Local Disk Configuration Policy	ucsLocalDiskConfigurationPolicy
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity
OP_UCS_STORAGE_PROFILE	UCS Storage Profile Identity	storageProfileIdentity

Modify UCS Service Profile Boot Policy

Summary

Modify a boot policy of a service profile.

Description

This task modifies a service profile's boot policy. A user can specify the new boot policy for the selected service profile and modify the service profile with it. This modifies the boot order for the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to modify	ucsServiceProfileIdentity	Y
Boot Policy	Choose the new boot policy from the list	ucsBootPolicyIdentity	Y

Outputs

No Outputs

Modify UCS Service Profile Boot Policy to Boot From iSCSI

Summary

Modify a service profile to boot from iSCSI.

Description

This task selects one service profile for modification.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to modify	ucsServiceProfileIdentity	Y

Outputs

No Outputs

Modify UCS Service Profile Scrub Policy

Summary

Modify the scrub policy of a service profile.

Description

This task specifies a new scrub policy for a service profile and modifies the service profile with it.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to modify	ucsServiceProfileIdentity	Y
Scrub Policy	Choose the scrub policy from the list	ucsScrubPolicyIdentity	Y

Outputs

No Outputs

Modify UCS VLAN/VLAN Group Org Permissions

Summary

Modify UCS VLAN/VLAN Group organization permissions.

Description

This task modifies organization permissions for UCS VLANs or VLAN groups.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN/VLAN Group	Choose the VLAN/VLAN group from the list	gen_text_input	Y
VLAN Group	Choose the VLAN group from the list	ucsVlanGroupIdentity	Y
VLAN	Choose the VLAN from the list	ucsVlanIdentity	Y
Organizations	Choose the organizations to add permission to	ucsMultiOrganization Identity	

Outputs

No Outputs

Modify UCS vMedia Policy

Summary

Modify a UCS vMedia Policy.

Description

This task modifies the properties of a UCS vMedia policy. Inputs are the vMedia policy identity, a policy description, and a retry option. The task outputs the vMedia policy identity, properties of the policy, and the vMedia mount identities available under the vMedia policy.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Choose the vMedia policy to modify	ucsvMediaPolicyIdentity	Y
Name	Enter Name		Y
Policy Description	Enter description for vMedia policy	gen_text_input	
Retry on Mount Failure	Choose the retry on mount failure from the list	ucsVmediaRetry	

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
OP_UCS_vMEDIA_POLICY_NAME	UCS vMedia Policy Name	ucsvMediaPolicyName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
UCS_vMEDIA_POLICY_DESCRIPTION	UCS vMedia Policy Description	ucsvMediaPolicyDescription
UCS_vMEDIA_POLICY_RETRY	UCS vMedia Policy Retry	ucsvMediaPolicyRetry
OP_UCS_vMEDIA_MOUNT_IDENTITY	UCS vMedia Mount Identity	ucsvMediaMountIdentity

Modify vMedia Mount of UCS vMedia Policy

Summary

Modify a vMedia mount in a UCS vMedia policy.

Description

This task modifies the properties of a vMedia mount available under a UCS vMedia policy. The task outputs the vMedia policy identity and the vMedia mount identity.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Choose the vMedia policy from the list	ucsvMediaPolicyIdentity	Y
vMedia Mounts	Choose the vMedia mount to modify	ucsvMediaMountIdentity	Y
Name	Enter Name		Y
Description	Enter a description for vMedia mount	gen_text_input	
Device Type	Choose the device type for the vMedia mount	ucsvMediaMountDevice Type	
Protocol	Choose the protocol for the vMedia mount	ucsvMediaMountProtocol	
Authentication Protocol	Choose the authentication protocol for vMedia Mount from the list	ucsvMediaMount AuthenticationProtocol	
Hostname/IP Address	Enter hostname or IP address	gen_text_input	Y
ImageName Variable	Choose the image name variable for vMedia mount	ucsvMediaMountImage NameVariable	
Remote File	Enter the remote file name	gen_text_input	Y
Remote Path	Enter remote path for vMedia mount	gen_text_input	Y
Username	Enter user name for vMedia mount	gen_text_input	
Password	Enter password for vMedia mount	password	

Outputs

Output	Description	Type
OP_UCS_vMEDIA_POLICY_IDENTITY	UCS vMedia Policy Identity	ucsvMediaPolicyIdentity
OP_UCS_vMEDIA_MOUNT_IDENTITY	UCS vMedia Mount Identity	ucsvMediaMountIdentity

Power Off UCS Server

Summary

Power off a UCS server.

Description

This task powers off a UCS server. The task can be used only when there is a service profile associated with the server because the task uses the service profile to turn the server power off. Output of this task is the service profile domain name (DN) for the server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose a UCSM server to power off	ucsServerIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Power On UCS Server

Summary

Power on a UCS server.

Description

This task powers on a UCS server. The task can be used only when there is a service profile associated with the server because the task uses the service profile to turn the server power on. Output of this task is the service profile domain name (DN) for the server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose a UCSM server to power on	ucsServerIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Prepare For UCS Firmware Install

Summary

Prepare to install UCS firmware.

Description

This UCSM task copies the selected firmware version from the primary fabric interconnect to the backup partition of the endpoints and verifies that the firmware image is not corrupt. The update process always overwrites the firmware in the backup slot.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose UCS Manager account name	ucsAccountIdentity	Y
A-Series Infrastructure Firmware	Choose an A-Series Infrastructure firmware version that can be applied to the Infrastructure.	ucsfirmwareDistPackageIdentity	
Select Server Firmware		Boolean	
B-Series Blade Server Firmware	Choose a B-Series blade server firmware version if you have blade servers managed by UCS Manager.	ucsfirmwareDistPackageIdentity	
C-Series Rack Mount Server Firmware	Choose a C-Series rack-mount server firmware version if you have rack-mount servers managed by UCS Manager.	ucsfirmwareDistPackageIdentity	
Host Firmware Packages	Choose the host packs to update with the selected software.	ucsFirmwarePolicy	Y

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Reacknowledge UCS Server Slot

Summary

Re-acknowledge a slot to rediscover and recommit a server.

Description

This task re-acknowledges a slot, enabling UCS Manager to rediscover and recommit a server in the slot if the server was decommissioned without removing the physical hardware from the chassis.

Inputs

Input	Description	Mappable To Type	Mandatory
Decommissioned Server	Choose the servers	ucsDecommissionedServer Identity	Y

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Rename UCS Service Profile

Summary

Rename a UCS service profile.

Description

This task renames a UCS server profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select service profile to associate with server or server pool.	ucsServiceProfile Identity	Y
New Service Profile Name	Enter new Service Profile Name.	gen_text_input	Y
Affected Workflows	Check if you want to rename Service Profile in Affected Workflows		
Selected Workflows	Select Workflows that you need to replace new SP Identity		Y
Affected SRs	Check if you want to rename Service Profile in Affected Service Requests		
Selected SRs	Select Service Requests that you need to replace new Asset Identity		Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input

Reset UCS Server

Summary

Reset a UCS server.

Description

This task performs a hard reset on a server regardless of the service profile associated with the server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose a UCSM server to power reset	ucsServerIdentity	Y

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Select UCS Server

Summary

Select one or more UCS servers from a server pool.

Description

This task selects one or more UCS servers from a server pool. The user specifies whether to select one server or a list of servers from the server pool. Once the servers are selected, the task checks the conditions specified in the request. These conditions include the number of CPUs on the server and total memory on the server. The user can also specify that only unassociated servers are included. Once a list of servers is created that satisfies all the user conditions, the first server from the list is chosen. That server's domain name (DN) is delivered as an output of the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose the UCSM account name from the list	ucsAccountIdentity	Y
Server Selection Scope	Choose the server or server pool to define the selection scope		
Server Pools	Choose the server pools from the list	ucsServerPool Identity	Y
Servers	Choose the servers from the list	ucsServerIdentity	Y
Use Unassociated Servers Only	Check to include only unassociated servers in the server selection		
Use for SAN Boot	Check to include only servers that contain at least one FCoE-capable interface card		
Number of CPUs	Enter the minimum number of CPUs the server should contain	gen_text_input	
Total Memory(GB)	Enter the minimum memory the server should contain	gen_text_input	
Cores Enabled	Enter the minimum enabled cores the server should contain	gen_text_input	

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
UCS_CENTRAL_SERVER_IDENTITY	UCS Central Server Identity	ucsCentralServerIdentity

Select UCS Service Profile

Summary

Select a service profile.

Description

This task selects an existing service profile so that actions can be performed on it. Output of this task is the service profile DN followed by the PXE boot policy, blade boot policy, a list of vHBAs, and vSANs for the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the service profile	ucsServiceProfileIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
BLADE_NETWORK_POLICY	Name of the server network policy that was used for creating service profile	ucs_blade_network_policy
BLADE_BOOT_POLICY	Name of the server boot policy that was used for creating service profile	ucsBootPolicyIdentity
SP_BOOT_POLICY	Name of new Boot Policy created	ucsBootPolicyIdentity
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma2@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma3@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile

Output	Description	Type
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_VMWARE_HOST_IPADDRESS	VMWare Host IP Address	gen_text_input
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Server Outband Management IP address	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile.	ucsServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile.	ucsServiceProfilevNICIdentity
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input

Output	Description	Type
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfile MultivNICIdentity
SP_iSCSI_PRIMARY_IP	Primary iSCSI Static IP Address.	StaticPoolIP
SP_iSCSI_PRIMARY_SUBNET	Primary iSCSI Subnet IP Address.	subnetMask
SP_iSCSI_PRIMARY_GATEWAY	Primary iSCSI Gateway IP Address.	gen_text_input
SP_iSCSI_SECONDARY_IP	Secondary iSCSI Static IP Address.	StaticPoolIP
SP_iSCSI_SECONDARY_SUBNET	Secondary iSCSI Subnet IP Address.	subnetMask
SP_iSCSI_SECONDARY_GATEWAY	Secondary iSCSI Gateway IP Address.	gen_text_input

Set JBOD to Unconfigured Good

Summary

Set a JBOD to Unconfigured Good.

Description

This task sets one or more of a server's Just a Bunch of Disks (JBOD) to the Unconfigured-good drive state. Inputs are the server identity (required), a Boolean flag to set all JBOD disks to Unconfigured-good (default is TRUE, Unconfigure All JBOD Disks), and a multi-select list of JBOD disks to unconfigure. Output is a multi-select list of JBOD disks that were unconfigured.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the server from the list	ucsServerIdentity	Y
Unconfigure All JBOD Disks	Check to unconfigure all disks on the selected server. Uncheck to select individual disks to unconfigure.	Boolean	
Disks	Choose one or more Disks	ucsMultiDiskIdentity	

Outputs

Output	Description	Type
DISK_IDENTITY	UCS Multi Disk Identity	ucsMultiDiskIdentity

Set Time Zone to UCSM

Summary

Set the time zone for UCS Manager.

Description

This task sets the UCS Manager's time zone.

Inputs

Input	Description	Mappable To Type	Mandatory
UCSM	Choose the UCSM Account from the list	ucsAccountName	Y
Time Zone	Choose Time Zone		Y

Outputs

Output	Description	Type
OUTPUT_TIME_ZONE	Time Zone Identity	ucsTimeZoneIdentity

UCS Configure Uplink Port

Summary

Configure a UCS uplink port.

Description

This task configures a UCS uplink port.

Inputs

Input	Description	Mappable To Type	Mandatory
Ethernet Ports	Choose the ethernet ports from the list	ucsFabricPortIdentity	Y

Outputs

Output	Description	Type
UCS_FABRIC_PORT_IDENTITY	UCS Fabric Port Identity	ucsFabricPortIdentity

UCS Server Maintenance

Summary

Move a server to Maintenance mode.

Description

This task selects a UCS server on which to perform a maintenance action. The maintenance action is optional, but a description of the reason for the change to maintenance is mandatory.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the servers	ucsServerIdentity	Y
Select Maintenance Action	Choose the maintenance action	gen_text_input	
Reason	Enter Reason	gen_text_input	Y

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
DECOMMISSIONED_SERVER_IDENTITY	UCS Decommissioned Server Identity	ucsDecommissionedServerIdentity

UCS UnConfigure Port

Summary

UnConfigure the UCS Port.

Description

This task unconfigures a UCS port.

Inputs

Input	Description	Mappable To Type	Mandatory
Ethernet Ports	Select Ethernet Ports	ucsFabricPortIdentity	Y

Outputs

Output	Description	Type
UCS_FABRIC_PORT_IDENTITY	UCS Fabric Port Identity	ucsFabricPortIdentity

Ucs User Acknowledge Activities

Summary

Acknowledge pending activities.

Description

This task acknowledges pending activities.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select UCSM Account Name	ucsAccountIdentity	Y
Activities Under	Select Activities Under for Acknowledge pending activities		
Select Service Profiles		Boolean	
Service Profiles	Select service profiles to check associated with server	ucsMultiServiceProfile Identity	Y
Acknowledge All		Boolean	
Pending Activities	Select one or more Pending Activities	ucsMultiPendingAct Identity	Y

Outputs

Output	Description	Type
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity
PENDING_ACTIVITY_IDENTITY	UCS Multi Pending Activity Identity	ucsMultiPendingActIdentity

Unbind UCS Service Profile from Template

Summary

Unbind a UCS service profile from a template.

Description

This task unbinds a UCS service profile from a service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCS Service Profile	ucsServiceProfileIdentity	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplateIdentity

Unbind UCS ServiceProfile vNIC from Template

Summary

Unbind a UCS ServiceProfile vNIC from a template.

Description

This task unbinds a UCS service profile vNIC from a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCS Service Profile	ucsServiceProfileIdentity	Y
Service Profile vNIC	Select Service Profile vNIC to Unbind	ucsServiceProfilevNICIdentity	Y

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_SP_VNIC_IDENTITY	vNIC Identity of service profile's vNIC that was created as part of service profile.	ucsServiceProfilevNICIdentity

Unmanage UCS Servers

Summary

Move managed servers to an unmanaged state.

Description

This task releases one or more UCS servers from management. UCS cannot manage servers that are in the unmanaged state.

Inputs

Input	Description	Mappable To Type	Mandatory
Discovered Servers	Select servers to Unmanage	ucsDiscoveredMultiServer Identity	Y

Outputs

Output	Description	Type
DISCOVERED_MULTI_SERVER_IDENTITY	UCS Discovered Multi Server Identity	ucsDiscoveredMultiServer Identity

Verify UCS Server Management State

Summary

Verify a UCS server management state.

Description

This task verifies whether the selected UCS server is managed or unmanaged.

Inputs

Input	Description	Mappable To Type	Mandatory
Discovered Servers	Select UCS Server to verify its Server Management State	gen_text_input	Y

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity



Compound Tasks

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APIC Container Add LB Server Farm Action

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SERVICE_CONTAINER	Service Container	Service Container	Y
CONTAINER_SERVERS	Container Servers	Container Servers	Y
LOAD_BALANCER_ID	Load Balancer Id	Container L4 L7 Service	Y
VIP_Port	VIP Port	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
UpdateServersToLBFarmWrapper_1496.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
UpdateServersToLBFarmWrapper_1496.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
UpdateServersToLBFarmWrapper_1496.SERVER_IP_ADDRESSES		Container L4 L7 Service
UpdateServersToLBFarmWrapper_1496.TENANT_LOAD_BALANCER_SERVER_IP_IDENTITY		ApicDeviceTenantLoadBalancerServerIdentity
UpdateServersToLBFarmWrapper_1496.VIP_ADDRESS		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
UpdateServersToLBFarmWrapper_1496.VIP_PROTOCOL		gen_text_input
UpdateServersToLBFarmWrapper_1496.VIP_PORT		gen_text_input
UpdateServersToLBFarmWrapper_1496.OUTPUT_SSL_LB_ENABLED		gen_text_input
UpdateServersToLBFarmWrapper_1496.OUTPUT_SSL_SG_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
UpdateServersToLBFarmWrapper_1496.SSL_VIP_ADDRESS		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
AddLoadBalancerServiceParametersToEPG_1499.APIC_ACCOUNT		ApicDeviceIdentity
AddLoadBalancerServiceParametersToEPG_1499.TENANT_NAME		gen_text_input

Output	Description	Type
AddLoadBalancerServiceParametersToEPG_1499.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLoadBalancerServiceParametersToEPG_1499.SERVICE_GRAPH		gen_text_input
AddLoadBalancerServiceParametersToEPG_1499.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddLoadBalancerServiceParametersToEPG_1499.TENANT_EPG		gen_text_input
AddLoadBalancerServiceParametersToEPG_1499.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddLoadBalancerServiceParametersToEPG_1499.TENANT_LOAD_BALANCER_SERVER_IP		gen_text_input
AddLoadBalancerServiceParametersToEPG_5014.APIC_ACCOUNT		ApicDeviceIdentity
AddLoadBalancerServiceParametersToEPG_5014.TENANT_NAME		gen_text_input
AddLoadBalancerServiceParametersToEPG_5014.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLoadBalancerServiceParametersToEPG_5014.SERVICE_GRAPH		gen_text_input
AddLoadBalancerServiceParametersToEPG_5014.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddLoadBalancerServiceParametersToEPG_5014.TENANT_EPG		gen_text_input
AddLoadBalancerServiceParametersToEPG_5014.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddLoadBalancerServiceParametersToEPG_5014.TENANT_LOAD_BALANCER_SERVER_IP		gen_text_input

APIC Container Add LB Service Details

Summary

N.A

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
ServiceContainer		Service Container	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Attached L4L7 Configuration

Summary

N.A

Description

This workflow acts a joint between container parent WF (APIC container Setup) and L4L7 configuration WFs: 1) Invokes different compound WFs for configuring managed or unmanaged L4L7 services. 2) For Managed L4L7 Services, iterate over the required services defined in Application profile and invokes the L4L7 Configuration WF for each service definition required.

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
L4L7_Service_Count		Generic Text Input	Y
Enable_Network_Mgmt		Generic Text Input	Y
L4L7_Req_Services		Generic Text Input	Y
Flag_Configure_L4L7		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Attached L4L7 Configuration for Private Network

Summary

N.A

Description

This workflow acts a joint between container parent WF (Application Provisioning for Private Network) and L4L7 configuration WFs

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
L4L7_Service_Count		Generic Text Input	Y
Enable_Network_Mgmt		Generic Text Input	Y
L4L7_Req_Services		Generic Text Input	Y
Flag_Configure_L4L7		Generic Text Input	Y
Private Network Identity		APIC Device Tenant Private Network Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
StartLoop_2078.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_2078.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_2078.START_LOOP_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.SUB_SR_ID		serviceRequestId
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.StartLoop_8460.ITERATION_COUNT_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.StartLoop_8460.ITERATION_INDEX_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.StartLoop_8460.START_LOOP_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.SUB_SR_ID		serviceRequestId
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CONTAINER_NAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenant DeviceClusterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.DEVICE_PACKAGE_IDENTITY		ApicDeviceTenant PackageIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_MGMT_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.PORT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.SEC_PORT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CONTEXT_AWARE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CLUSTER_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ADMIN_USERNAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PASSWORD		password

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ADMIN_PASSWORD		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SEC_INTERFACE_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_USERNAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceCluster Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		gen_text_input

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_ID		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7Service Graph APICASAFunction ProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LOAD_BALANCER_SERVICES		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.SERVICE_GRAPH		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_FILTER_IDENTITY		ApicDeviceTenant FilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_PROVIDER_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONSUMER_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_EXTERNAL_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_EXTERNAL_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INTERNAL_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INTERNAL_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INFRA_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INFRA_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_INFRA_TIER_NAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_VIP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantService GraphFunctionNode Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7Service GraphFunctionProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_MODE		Boolean

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_HA_MODE		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEPLOY_ASAV		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONFIGURE_LB		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INFRA_TIER_GATEWAY_IP_MASK		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TRANSPARENT_MODE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomain Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_CHAINING		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenant LogicalDevice ContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE1		ApicDeviceTenant FilterIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE2		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE3		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L2L3_OPTION		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_MODE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INFRA_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_TIER1_NETWORK_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_IS_TIER1_EXTERNAL		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_INTERFACE_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_PREFIX		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_POLICY		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_USED_PHYSICAL_LB		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_USERNAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_PASSWORD		password
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_GATEWAY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_GATEWAY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PC_MEMBER_INTERFACES		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CHANNEL_GROUP_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_CONTAINER_NAME		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenant DeviceClusterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.DEVICE_PACKAGE_IDENTITY		ApicDeviceTenant PackageIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_MGMT_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.PORT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.SEC_PORT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_CONTEXT_AWARE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CLUSTER_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ADMIN_USERNAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ADMIN_PASSWORD		password
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_SEC_INTERFACE_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_USERNAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceCluster Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7Service Graph APICASAFunction ProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LOAD_BALANCER_SERVICES		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.SERVICE_GRAPH		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_FILTER_IDENTITY		ApicDeviceTenant FilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_CONTRACT_SUBJECT_IDENTITY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomain Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomain Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_PROVIDER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONSUMER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_EXTERNAL_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_EXTERNAL_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INTERNAL_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INTERNAL_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		gen_text_input

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INFRA_TIER_NAME		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_VIP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantService GraphFunctionNode Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7Service GraphFunctionProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		Boolean

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_MODE		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_HA_MODE		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEPLOY_ASAV		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONFIGURE_LB		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		gen_text_input

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INFRA_TIER_GATEWAY_IP_MASK		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TRANSPARENT_MODE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_CHAINING		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		ApicDeviceTenantFilterIdentity

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE1		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE2		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE3		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L2L3_OPTION		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_MODE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INFRA_INTERFACE_IDENTITY		ApicDeviceTenant DeviceCluster InterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_TIER1_NETWORK_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_IS_TIER1_EXTERNAL		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INTERFACE_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_PREFIX		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		gen_text_input

Output	Description	Type
3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_L4L7_SUBNET_POLICY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_L4L7_SUBNET_ID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ L4L7_USED_PHYSICAL_LB		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_ENTITY_SEC_USERNAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_ENTITY_SEC_PASSWORD		password
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_ENTITY_SEC_GATEWAY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ APIC_ENTITY_GATEWAY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_ PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ PRIVATE_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ PC_MEMBER_INTERFACES		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_ 1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_ 3031.APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ CHANNEL_GROUP_ID		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.SUB_SR_ID		serviceRequestId
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.CONTRACT_SUBJECT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_FILTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_FILTER_IDENTITY		ApicDeviceTenant FilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_CONSUMER_TO_PROVIDER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_PROVIDER_TO_CONSUMER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_CONTRACT		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDeviceClusterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1505.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_NAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.SERVICE_GRAPH		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_EPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.NETWORK_FOLDER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_VIP_IDENTITY		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.CONTRACT_SUBJECT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Modify		ApicDeviceTenantServiceGraphIdentity

Output	Description	Type
ContractSubject_772.TENANT_INTERM_SERVICE_GRAPH_IDENTITY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_CONTRACT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_CONTRACT		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.CONTRACT_SUBJECT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_FILTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_NAME		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_APPLN_PROFILE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.CONTRACT_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.CONTRACT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.QOS		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.APIC_ACCOUNT		ApicDeviceIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_APPLN_PROFILE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenant ApplnProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.CONTRACT_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.CONTRACT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenant LabelContractSubject Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.QOS		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_IDENTITY		ApicDeviceTenant FilterIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_RULE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenant FilterRuleIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.TierToConfigureEPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.EPGIdentity		ApicDeviceTenant EPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ContractIdentity		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SGNodeIdentity		ApicTenant L4L7ServiceGraph NodeIdentity

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ExistingSNIP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ExistingChainedFWNode		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLSGNodeIdentity		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLContractIdentity		ApicDeviceTenant ContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLExistingFWNodeIdentity		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.SERVICE_GRAPH		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.SERVICE_GRAPH_IDENTITY		ApicTenantFunction ProfileIdentity

Output	Description	Type
3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.NODE_ONE_FUNCTION_PROFILE_IDENTITY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.NODE_TWO_FUNCTION_PROFILE_IDENTITY		ApicTenantFunction ProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_TENANT_ID		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_GROUPID		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_		ApicTenantFunction ProfileIdentity

Output	Description	Type
3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.FUNCTION_PROFILE_IDENTITY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.extNetworkIdentity		ApicDeviceExternal NetworkInOutside NetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.l3OutIdentity		ApicDeviceTenant L3OutIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenant L3OutIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY		ApicDeviceTenant ExternalBridge NetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY		gen_text_input

Output	Description	Type
3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_NAME		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternalNetworkInOutsideNetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.CONTRACT_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.CONTRACT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.QOS		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.applicationProfile		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.pNetworkIdentity		ApicDeviceTenantPrivateNetworkIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.pNetworkIdentity		gen_text_input

Output	Description	Type
3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.privateNetworkName		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomain Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenant PrivateNetwork Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_TENANT_APP_PROFILE_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_TYPE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_CREATE_SUBNET		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_SHARED		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PUBLIC		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PRIVATE		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_CREATE_EPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_EPG_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_EPG_QOS		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_DEPLOY_IMMEDIANCY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_RESOLUTION_IMMEDIANCY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get		gen_text_input

Output	Description	Type
APICContainerTierData_3996.OUTPUT_BD_FORWARDING_TYPE		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_BD_L2_UNKNOWN_UNICAST		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_BD_UNKNOWN_MULTICAST		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_ARP_FLOODING		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_UNICAST_ROUTING		Boolean
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.VMM_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.TIER_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_GATEWAY_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_PREFIX		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_START_IP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_END_IP		gen_text_input

Output	Description	Type
3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_END_IP		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_IP_SUBNET_CIDR_SIGNATURE		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenant ApplnProfileIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomain Identity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet		ApicDeviceTenant L3OutIdentity

Output	Description	Type
ToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_IDENTITY		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4808.IP_ADDRESS		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4808.IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4809.IP_ADDRESS		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4809.IP_MASK		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetAPICContainerL4L7ServiceForProtocol_2916.Protocol_Type		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_GetAPICContainerL4L7ServiceForProtocol_2916.Port		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridgeDomainExist_3264.IS_BRIDGE_DOMAIN_EXIST		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridgeDomainExist_3264.OUTPUT_TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_IDENTITY		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.IS_SERVICE_GRAPH_EXIST		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_serviceGraphProvider_4792.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_serviceGraphProvider_4792.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_NAME		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.SERVICE_GRAPH		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Common_Bridge_Domain_Identity_3065.BDIdentity		ApicDeviceTenantBridgeDomainIdentity
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_L4L7ServiceDefinitionForPrivateNetwork_3028.ServiceNames		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.ITERATION_COUNT_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.ITERATION_INDEX_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.START_LOOP_OUTPUT		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_1		gen_text_input

Output	Description	Type
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_2		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.ConfigureLBinHAMode_2912.SUB_SR_ID		serviceRequestId
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_LB_Cluster_IP_Pool_5078.policyId		IPPoolPolicy
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.IPAddress		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.SubnetMask		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.GateWayIP		gen_text_input
APICContainerMultipleServiceConfigurationforPrivateNetwork_1917.APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_GetManagementIPForDeviceCluster_5080.managementIP		ipaddress
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.Tier_1		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.Tier_2		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.Services		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.LBServers		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.Arm_Mode		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.IsMultipleServices		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.Multiple_Service_Type		gen_text_input
custom_Get_APICContainerL4L7DefinitionForPrivateNetwork_1975.ServiceName		gen_text_input

APIC Container Configure L4-L7 Services for Private Network

Summary

N.A

Description

This workflow configures the L4L7 devices and services for APIC container: 1) Move required load balancers to container resource pool and attach them to container. 2) Trigger compound workflow to configure Device cluster and concrete devices on APIC corresponding to the Load Balancer required. 3) Triggers compound workflow to deploy required services between specified Tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
Arm_Mode		Generic Text Input	Y
Service_Container		Service Container	Y
Services		Generic Text Input	Y
Tier_1		Generic Text Input	Y
Tier_2		Generic Text Input	Y
Network_Probes		Generic Text Input	Y
Protocol		Generic Text Input	Y
Service_Name		Generic Text Input	Y
Service_Type		Generic Text Input	Y
IsMultipleServices		Generic Text Input	Y
MultipleServiceType		Generic Text Input	Y
Private Network Identity		APIC Device Tenant Private Network Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CONTAINER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDeviceClusterIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.DEVICE_PACKAGE_IDENTITY		ApicDeviceTenantPackageIdentity

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_MGMT_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.PORT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.SEC_PORT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CONTEXT_AWARE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CLUSTER_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ADMIN_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ADMIN_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SEC_INTERFACE_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceClusterType
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_ID		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_ID		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph APICASAFunctionProfile Identity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LOAD_BALANCER_SERVICES		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.SERVICE_GRAPH		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridge DomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridge DomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_PROVIDER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONSUMER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_EXTERNAL_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_EXTERNAL_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INTERNAL_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INTERNAL_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INFRA_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INFRA_IP_MASK		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_INFRA_TIER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_VIP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantServiceGraphFunctionNodeIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraphFunctionProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_MODE		Boolean
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_TYPE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_HA_MODE		Boolean
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEPLOY_ASAV		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONFIGURE_LB		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INFRA_TIER_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_TRANSPARENT_MODE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_CHAINING		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE1		ApicDeviceTenantFilterIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE2		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VALUE3		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L2L3_OPTION		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_MODE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INFRA_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_TIER1_NETWORK_IP		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_IS_TIER1_EXTERNAL		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_INTERFACE_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_PREFIX		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_POLICY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_L4L7_SUBNET_ID		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_USED_PHYSICAL_LB		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_SEC_GATEWAY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_GATEWAY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PC_MEMBER_INTERFACES		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CHANNEL_GROUP_ID		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_CONTAINER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDevice ClusterIdentity

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1838.DEVICE_PACKAGE_IDENTITY		ApicDeviceTenantPackageIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_MGMT_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.PORT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.SEC_PORT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_CONTEXT_AWARE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CLUSTER_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ADMIN_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ADMIN_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_SEC_INTERFACE_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceClusterType
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_ID		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_ID		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph APICASAFunctionProfile Identity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LOAD_BALANCER_SERVICES		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.SERVICE_GRAPH		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridge DomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridge DomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_PROVIDER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONSUMER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_EXTERNAL_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_EXTERNAL_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INTERNAL_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INTERNAL_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INFRA_TIER_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_VIP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantServiceGraphFunctionNodeIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraphFunctionProfileIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_MODE		Boolean
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_TYPE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_HA_MODE		Boolean
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEPLOY_ASAV		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONFIGURE_LB		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1		gen_text_input

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INFRA_TIER_GATEWAY_IP_MASK		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_TRANSPARENT_MODE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_CHAINING		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenantDeviceClusterInterfaceIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE1		ApicDeviceTenantFilterIdentity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE2		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VALUE3		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L2L3_OPTION		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_MODE		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INFRA_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity

Output	Description	Type
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_TIER1_NETWORK_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_IS_TIER1_EXTERNAL		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INTERFACE_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_PREFIX		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_POLICY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_ID		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_USED_PHYSICAL_LB		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_USERNAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_PASSWORD		password
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_GATEWAY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_GATEWAY		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_PC_MEMBER_INTERFACES		gen_text_input
APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_CHANNEL_GROUP_ID		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.SUB_SR_ID		serviceRequestId
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_NAME		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.CONTRACT_SUBJECT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_FILTER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_CONSUMER_TO_PROVIDER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddFilterToContractSubject_1503.OUTPUT_PROVIDER_TO_CONSUMER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalDeviceContext_1504.TENANT_NAME		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantService GraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDevice ClusterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7Service GraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalDeviceContext_1504.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogical DeviceContextIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogical InterfaceContextIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogical DeviceContextIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDevice ClusterInterfaceIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1505.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetwork Identity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQos PolicyIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create LogicalInterfaceContext_1506.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.SERVICE_GRAPH		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7Service GraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_EPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.NETWORK_FOLDER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoad BalancerParametersToEPG_770.TENANT_VIP_IDENTITY		ApicDeviceTenant EPGL4L7IPv46Param Identity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.CONTRACT_SUBJECT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantService GraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_INTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantService GraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Modify ContractSubject_772.TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantService GraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create Contract_1901.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create Contract_1901.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create Contract_1901.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create Contract_1901.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create Contract_1901.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
DeployAPICL4L7ServiceswithTemplates_2591.Create ContractSubject_1902.CONTRACT_SUBJECT		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateContractSubject_1902.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_FILTER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilter_1903.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_APPLN_PROFILE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.CONTRACT_TYPE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.CONTRACT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1904.QOS		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_APPLN_PROFILE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.CONTRACT_TYPE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.CONTRACT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContractToEPG_1905.QOS		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_RULE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantFilterRule_1906.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilterRuleIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.TierToConfigureEPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.EPGIdentity		ApicDeviceTenantEPGIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ContractIdentity		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SGNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ExistingSNIP		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.ExistingChainedFWNode		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLSGNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLContractIdentity		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetTargetsForLBParamConfiguration_8526.SSLExistingFWNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.SERVICE_GRAPH		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.NODE_ONE_FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.NODE_TWO_FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateL4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenantL4L7Service GraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY		ApicTenantL4L7Service GraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenantL4L7Service GraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_TENANT_ID		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_GROUPID		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfile Identity
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.extNetworkIdentity		ApicDeviceExternalNetwork InOutsideNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.l3OutIdentity		ApicDeviceTenantL3Out Identity
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
DeployAPICL4L7ServiceswithTemplates_2591.Add ContracttoExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_NAME		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY		ApicDeviceTenantExternalBridgeNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternalNetworkInOutsideNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.CONTRACT_TYPE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.CONTRACT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddContracttoExternalNetwork_3991.QOS		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.applicationProfile		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.pNetworkIdentity		ApicDeviceTenantPrivateNetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Details_From_Container_3994.privateNetworkName		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivate NetworkIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_TENANT_APP_PROFILE_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_TYPE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_CREATE_SUBNET		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_SHARED		Boolean
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PUBLIC		Boolean
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PRIVATE		Boolean
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_CREATE_EPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_EPG_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_EPG_QOS		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_DEPLOY_IMMEDIANCY		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_RESOLUTION_IMMEDIANCY		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_FORWARDING_TYPE		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_L2_ UNKNOWN_UNICAST		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_UNKNOWN_ MULTICAST		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_ARP_FLOODING		Boolean
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_UNICAST_ ROUTING		Boolean
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.VMM_DOMAIN_PROFILE_ IDENTITY		ApicDomainProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TIER_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_ GATEWAY_IP		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_ PREFIX		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_ START_IP		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_ END_IP		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_IP_SUBNET_ CIDR_SIGNATURE		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_APPLN_ PROFILE_IDENTITY		ApicDeviceTenantAppln ProfileIdentity
DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnet ToBridgeDomain_3997.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_IDENTITY		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4808.IP_ADDRESS		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4808.IP_MASK		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4809.IP_ADDRESS		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFreeIP_N_MASKFromSubnet_4809.IP_MASK		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetAPICContainerL4L7ServiceForProtocol_2916.Protocol_Type		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_GetAPICContainerL4L7ServiceForProtocol_2916.Port		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridgeDomainExist_3264.IS_BRIDGE_DOMAIN_EXIST		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridgeDomainExist_3264.OUTPUT_TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_IDENTITY		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_isServiceGraphExist_4790.IS_SERVICE_GRAPH_EXIST		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.custom_serviceGraphProvider_4792.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_serviceGraphProvider_4792.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.APIC_ACCOUNT		ApicDeviceIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_NAME		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.SERVICE_GRAPH		gen_text_input

Output	Description	Type
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT		gen_text_input
DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Common_Bridge_Domain_Identity_3065.BDIdentity		ApicDeviceTenantBridgeDomainIdentity
custom_Get_L4L7ServiceDefinitionForPrivateNetwork_3028.ServiceNames		gen_text_input
StartLoop_3029.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_3029.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_3029.START_LOOP_OUTPUT		gen_text_input
custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_1		gen_text_input
custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_2		gen_text_input
ConfigureLBinHAMode_2912.SUB_SR_ID		serviceRequestId
custom_Get_LB_Cluster_IP_Pool_5078.policyId		IPPoolPolicy
GetResolvedIPAddressFromIPPoolTask_5079.IPAddress		gen_text_input
GetResolvedIPAddressFromIPPoolTask_5079.SubnetMask		gen_text_input
GetResolvedIPAddressFromIPPoolTask_5079.GateWayIP		gen_text_input
custom_GetManagementIPForDeviceCluster_5080.managementIP		ipaddress

APIC Container Configure L4L7 Services

Summary

N.A

Description

This workflow configures the L4L7 devices and services for APIC container: 1) Deploys firewall if required by container 2) Move required load balancers to container resource pool and attach them to container. 3) Trigger compound workflow to configure Device cluster and concrete devices on APIC corresponding to the Firewall or Load Balancer required. 4) Triggers compound workflow to deploy required services between specified Tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
Arm_Mode		Generic Text Input	Y
Service_Container		Service Container	Y
Services		Generic Text Input	Y
Tier_1		Generic Text Input	Y
Tier_2		Generic Text Input	Y
Network_Probes		Generic Text Input	Y
Protocol		Generic Text Input	Y
Service_Name		Generic Text Input	Y
Service_Type		Generic Text Input	Y
IsMultipleServices		Generic Text Input	Y
MultipleServiceType		Generic Text Input	Y
VIP_Port	VIP Port	Generic Text Input	Y
SSL_Enabled	SSL Enabled	Generic Text Input	
Certificate_Public_Key	Certificate_Public_Key	Generic Text Input	
Certificate_Private_Key	Certificate_Private_Key	Generic Text Input	
SSL_Port	SSL_Port	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Delete Firewall Rule Action

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
APIC_TENANT_L4L7_EPG_ACE_IDENTITY	APIC TENANT L4L7 EPG ACE IDENTITY,	APIC Device Tenant L4L7 EPG ACE Identity	Y
L4L7Identity	L4L7Identity	Generic Text Input	Y
ACLName	ACLName	Generic Text Input	Y
ACEName	ACEName	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
DeleteACEFromACLOnEPG_2580.APIC_ACCOUNT		ApicDeviceIdentity
DeleteACEFromACLOnEPG_2580.TENANT_NAME		gen_text_input
DeleteACEFromACLOnEPG_2580.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteACEFromACLOnEPG_2580.SERVICE_GRAPH		gen_text_input
DeleteACEFromACLOnEPG_2580.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
DeleteACEFromACLOnEPG_2580.OUTPUT_TENANT_L4L7_EPG_ACE_IDENTITY		ApicTenantL4L7EPGAceIdentity
custom_GetACLIdentityToDelete_14107.isACLToBe Deleted		Boolean
custom_GetACLIdentityToDelete_14107.ACLIdentity		ApicTenantL4L7AclEPGIdentity
custom_GetACLIdentityToDelete_14107.Interface Identity		ApicTenantL4L7EPGInterface Identity
custom_GetACLIdentityToDelete_14107.InBoundACL		gen_text_input
custom_GetACLIdentityToDelete_14107.OutBound ACL		gen_text_input
DeleteACLFromEPG_14109.APIC_ACCOUNT		ApicDeviceIdentity
DeleteACLFromEPG_14109.TENANT_NAME		gen_text_input
DeleteACLFromEPG_14109.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteACLFromEPG_14109.SERVICE_GRAPH		gen_text_input

Output	Description	Type
DeleteACLFromEPG_14109.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
DeleteACLFromEPG_14109.OUTPUT_TENANT_L4L7_ACL_EPG_IDENTITY		ApicTenantL4L7AcIEPGIdentity
DisassociateAccessListFromInterface_2784.APIC_ACCOUNT		ApicDeviceIdentity
DisassociateAccessListFromInterface_2784.TENANT_NAME		gen_text_input
DisassociateAccessListFromInterface_2784.TENANT_IDENTITY		ApicDeviceTenantIdentity
DisassociateAccessListFromInterface_2784.SERVICE_GRAPH		gen_text_input
DisassociateAccessListFromInterface_2784.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
DisassociateAccessListFromInterface_2784.OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY		ApicTenantL4L7EPGInterfaceIdentity

APIC Container Firewall Rule Action

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SERVICE_PARAM	Service Param	Generic Text Input	Y
DESTINATION_ADDRESS	Destination Address	Generic Text Input	Y
SOURCE_ADDRESS	Source Address	Generic Text Input	Y
DESTINATION_ANY	Destination Any	Generic Text Input	Y
SOURCE_ANY	Source Any	Generic Text Input	Y
PROTOCOL	Protocol	Generic Text Input	Y
ACTION	Action	Generic Text Input	Y
FIREWALL_ID	FIREWALL_ID	Container L4 L7 Service	Y
SOURCE_PORT_RANGE	SOURCE_PORT_RANGE	Generic Text Input	Y
DESTINATION_PORT_RANGE	DESTINATION_PORT_RANGE	Generic Text Input	Y
INTERFACE_NAME	INTERFACE_NAME	Generic Text Input	Y
ACL_DIRECTION	ACL_DIRECTION	Generic Text Input	Y
ORDER	ORDER	Generic Text Input	Y
ACL_ENTRY_NAME	ACL_ENTRY_NAME	Generic Text Input	Y
SERVICE_CONTAINER	SERVICE_CONTAINER	Service Container	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
ServiceContainerFirewallActionsWrapper_1736.APIC_DEVICE_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
ServiceContainerFirewallActionsWrapper_1736.FIREWALL_RULE_ACL_LIST_NAME		gen_text_input
ServiceContainerFirewallActionsWrapper_1736.FIREWALL_RULE_ACL_ENTRY_NAME		gen_text_input
ServiceContainerFirewallActionsWrapper_1736.FIREWALL_RULE_PROTOCOL		gen_text_input
ServiceContainerFirewallActionsWrapper_1736.FIREWALL_RULE_SOURCE_PORT_RANGE		gen_text_input

Output	Description	Type
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_DESTINATION_PORT_RANGE		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_SOURCE_ANY		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_SOURCE_ADDRESS		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_DESTINATION_ANY		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_DESTINATION_ADDRESS		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_ACTION		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. FIREWALL_RULE_ORDER		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
ServiceContainerFirewallActionsWrapper_1736. OUTPUT_CONTRACT_NAME		ApicDeviceTenantContract Identity
ServiceContainerFirewallActionsWrapper_1736. OUTPUT_APIC_TENANT_L4L7_NODE_ACCESS_ CONTROL_ENTRY_IDENTITY		ApicTenantL4L7NodeAccess EntryControlIdentity
ServiceContainerFirewallActionsWrapper_1736. OUTPUT_APIC_TENANT_L4L7_EPG_ACE_ IDENTITY		ApicTenantL4L7EPGAce Identity
ServiceContainerFirewallActionsWrapper_1736. OUTPUT_APIC_TENANT_L4L7_EPG_INTERFACE_ IDENTITY		ApicTenantL4L7EPGInterface Identity
ServiceContainerFirewallActionsWrapper_1736. INBOUND_ACL		gen_text_input
ServiceContainerFirewallActionsWrapper_1736. OUTBOUND_ACL		gen_text_input
AddACLEntryToEPG_2568.APIC_ACCOUNT		ApicDeviceIdentity
AddACLEntryToEPG_2568.TENANT_NAME		gen_text_input
AddACLEntryToEPG_2568.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddACLEntryToEPG_2568.SERVICE_GRAPH		gen_text_input
AddACLEntryToEPG_2568.TENANT_L4L7_SERVICE_ GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_ NODE_ACL_IDENTITY		ApicTenantL4L7NodeAcl Identity

Output	Description	Type
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_EPG_ACL_IDENTITY		ApicTenantL4L7EPGAclIdentity
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_NODE_ACCESS_CONTROL_ENTRY_IDENTITY		ApicTenantL4L7NodeAccessEntryControlIdentity
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_ACL_EPG_IDENTITY		ApicTenantL4L7AclEPGIdentity
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_NODE_ACLNAME_IDENTITY		ApicTenantL4L7NodeAclIdentity
AddACLEntryToEPG_2568.OUTPUT_TENANT_L4L7_NODE_ACLNAME		gen_text_input
AssociateAccessListToInterface_9665.APIC_ACCOUNT		ApicDeviceIdentity
AssociateAccessListToInterface_9665.TENANT_NAME		gen_text_input
AssociateAccessListToInterface_9665.TENANT_IDENTITY		ApicDeviceTenantIdentity
AssociateAccessListToInterface_9665.SERVICE_GRAPH		gen_text_input
AssociateAccessListToInterface_9665.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AssociateAccessListToInterface_9665.OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY		ApicTenantL4L7EPGInterfaceIdentity
customACLEntrySRCandDESTOperator_3028.SRC_OPERATOR		gen_text_input
customACLEntrySRCandDESTOperator_3028.DEST_OPERATOR		gen_text_input

APIC Container Multiple Service Configuraiton-DR

Summary

N.A

Description

L4L7 configuration for DR container.

Inputs

Input	Description	Mappable To Type	Mandatory
L4L7_Req_Services		Generic Text Input	Y
Arm_Mode		Generic Text Input	Y
Protocol		Generic Text Input	Y
LBServers		Generic Text Input	Y
Service_Container		Service Container	Y
Tier_1		Generic Text Input	Y
Tier_2		Generic Text Input	Y
Network_Probes		Generic Text Input	Y
Service_Name		Generic Text Input	Y
IsMultipleServices		Generic Text Input	Y
Multiple_Service_Type		Generic Text Input	Y
VIP_Port	VIP Port	Generic Text Input	Y
SSL_Enabled	SSL Enabled	Generic Text Input	
Public_Key	Public Key	Generic Text Input	
Private_Key	Private Key	Generic Text Input	
SSL_Port	SSL_Port	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Multiple Service Configuration for Private Network

Summary

N.A

Description

This workflow iterates over the services required between two tiers and perform below tasks Initiate single service configuration between two tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
L4L7_Req_Services		Generic Text Input	Y
Arm_Mode		Generic Text Input	Y
Protocol		Generic Text Input	Y
LBServers		Generic Text Input	Y
Service_Container		Service Container	Y
Tier_1		Generic Text Input	Y
Tier_2		Generic Text Input	Y
Network_Probes		Generic Text Input	Y
Service_Name		Generic Text Input	Y
IsMultipleServices		Generic Text Input	Y
Multiple_Service_Type		Generic Text Input	Y
Private Network Identity		APIC Device Tenant Private Network Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
StartLoop_8460.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_8460.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_8460.START_LOOP_OUTPUT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.SUB_SR_ID		serviceRequestId
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_CONTAINER_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ DEVICE_CLUSTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ DEVICE_CLUSTER_IDENTITY		ApicDeviceTenant DeviceClusterIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.DEVICE_ PACKAGE_IDENTITY		ApicDeviceTenant PackageIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ MGMT_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.PORT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.SEC_PORT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ CONTEXT_AWARE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ CLUSTER_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ ADMIN_USERNAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ ADMIN_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SEC_ INTERFACE_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ ENTITY_USERNAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceClusterType
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VM_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SEC_VM_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph APICASAFunction ProfileIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ LOAD_BALANCER_SERVICES		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.SERVICE_ GRAPH		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ PROVIDER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ CONSUMER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ EXTERNAL_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ EXTERNAL_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ INTERNAL_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ INTERNAL_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ INFRA_IP		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_INFRA_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_INFRA_TIER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_VIP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantService GraphFunctionNode Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph FunctionProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_MODE		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ASAV_HA_TYPE		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ HA_MODE		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ DEPLOY_ASAV		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ CONFIGURE_LB		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER1		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER2		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ INFRA_TIER_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ TRANSPARENT_MODE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ SERVICE_GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ SERVICE_CHAINING		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenant LogicalDeviceContext Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ VALUE1		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ VALUE2		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ VALUE3		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L2L3_ OPTION		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_LB_ MODE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ INFRA_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ TIER1_NETWORK_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_IS_ TIER1_EXTERNAL		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ INTERFACE_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ L4L7_SUBNET_PREFIX		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ L4L7_SUBNET_POLICY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ L4L7_SUBNET_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_L4L7_ USED_PHYSICAL_LB		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ ENTITY_SEC_USERNAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ ENTITY_SEC_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ ENTITY_SEC_GATEWAY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_APIC_ ENTITY_GATEWAY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.TENANT_ DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_ STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ PRIVATE_NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_PC_ MEMBER_INTERFACES		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1781.OUTPUT_ CHANNEL_GROUP_ID		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ CONTAINER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ DEVICE_CLUSTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ DEVICE_CLUSTER_IDENTITY		ApicDeviceTenant DeviceClusterIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.DEVICE_ PACKAGE_IDENTITY		ApicDeviceTenant PackageIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ MGMT_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.PORT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.SEC_PORT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ DEVICE_SEC_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ CONTEXT_AWARE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ CLUSTER_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ ADMIN_USERNAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ ADMIN_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_SEC_ INTERFACE_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_USERNAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_MGMT_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY		ApicDomainProfile Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_DEVICE_TYPE		ApicDeviceClusterType
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VM_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SEC_VM_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_VCENTER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_CONTAINER_TIER_LIST		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph APICASAFunction ProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ LOAD_BALANCER_SERVICES		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.SERVICE_ GRAPH		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_ CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER1_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER2_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ PROVIDER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ CONSUMER_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ EXTERNAL_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ EXTERNAL_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ INTERNAL_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ INTERNAL_IP_MASK		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_INFRA_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INFRA_TIER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_VIP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY		ApicTenantService GraphFunctionNode Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_FUNCTION_PROFILE_IDENTITY		ApicL4L7ServiceGraph FunctionProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_PORTGROUP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_MGMT_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_LINK_IPPOOL		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ASAV_HA_MODE		Boolean

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ ASAV_HA_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ HA_MODE		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ ASAV_DEPLOYMENT_POLICY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ ENABLE_NETWORK_MANAGEMENT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ DEPLOY_ASAV		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ CONFIGURE_LB		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER1		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER2		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER1_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TIER2_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ INFRA_TIER_GATEWAY_IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ TRANSPARENT_MODE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ SERVICE_GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ SERVICE_CHAINING		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenant LogicalDeviceContext Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ DEVICE_CLUSTER_INTERFACE1		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ DEVICE_CLUSTER_INTERFACE2		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ VALUE1		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ VALUE2		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ VALUE3		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L2L3_ OPTION		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_LB_ MODE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_ INFRA_INTERFACE_IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ TIER1_NETWORK_IP		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_IS_TIER1_EXTERNAL		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_INTERFACE_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_PREFIX		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_POLICY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_L4L7_SUBNET_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_L4L7_USED_PHYSICAL_LB		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_USERNAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_PASSWORD		password
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_SEC_GATEWAY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_APIC_ENTITY_GATEWAY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.TENANT_DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY		ApicDeviceStaticPath Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_PC_MEMBER_INTERFACES		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. APICContainerL4-L7ServiceInfoWrapper_1838.OUTPUT_ CHANNEL_GROUP_ID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.SUB_SR_ID		serviceRequestId
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.CONTRACT_SUBJECT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_CONTRACT_SUBJECT_ IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_FILTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_IN_TERM_FILTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_IN_TERM_FILTER_ IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_OUT_TERM_FILTER		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.TENANT_OUT_TERM_FILTER_ IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.OUTPUT_FILTER_CONTRACT_ SUBJECT_IDENTITY		ApicDeviceTenantFilter ToContractSubject Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.OUTPUT_CONSUMER_TO_PROVIDER_ FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilter ToContractSubject Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddFilterTo ContractSubject_1503.OUTPUT_PROVIDER_TO_CONSUMER_ FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilter ToContractSubject Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenant DeviceClusterIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_L4L7_SERVICE_GRAPH_ NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical DeviceContext_1504.TENANT_LOGICAL_DEVICE_ CONTEXT_IDENTITY		ApicDeviceTenant LogicalDeviceContext Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_CONNECTOR_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_CONNECTOR_NAME_ IDENTITY		ApicDeviceTenant LogicalInterface ContextIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_LOGICAL_DEVICE_ CONTEXT_IDENTITY		ApicDeviceTenant LogicalDeviceContext Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.DEVICE_CLUSTER_INTERFACE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.DEVICE_CLUSTER_INTERFACE_ IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_BRIDGE_DOMAIN_ IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_EXTERNAL_NETWORK_ IDENTITY		ApicDeviceExternal NetworkIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_CUSTOM_QOS_POLICY_ IDENTITY		ApicTenantCustomQos PolicyIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1505.TENANT_POLICY_BASED_ REDIRECT_IDENTITY		APIC_L4_L7_ POLICY_BASED_ REDIRECT_ IDENTITY
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_CONNECTOR_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_CONNECTOR_NAME_ IDENTITY		ApicDeviceTenant LogicalInterface ContextIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_LOGICAL_DEVICE_ CONTEXT_IDENTITY		ApicDeviceTenant LogicalDeviceContext Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.DEVICE_CLUSTER_INTERFACE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.DEVICE_CLUSTER_INTERFACE_ IDENTITY		ApicDeviceTenant DeviceClusterInterface Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateLogical InterfaceContext_1506.TENANT_BRIDGE_DOMAIN_ IDENTITY		ApicDeviceTenant BridgeDomainIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateLogicalInterfaceContext_1506.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.SERVICE_GRAPH		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_EPG		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.NETWORK_FOLDER		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancerParametersToEPG_770.TENANT_VIP_IDENTITY		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_IDENTITY		ApicDeviceTenantIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.CONTRACT_SUBJECT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_INTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.ModifyContractSubject_772.TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract_1901.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.CONTRACT_SUBJECT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContract SubjectIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateContract Subject_1902.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant Filter_1903.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant Filter_1903.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant Filter_1903.TENANT_IDENTITY		ApicDeviceTenant Identity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant Filter_1903.TENANT_FILTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant Filter_1903.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_APPLN_PROFILE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenant ApplnProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_EPG		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.CONTRACT_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.CONTRACT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenant LabelContractSubject Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1904.QOS		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_APPLN_PROFILE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenant ApplnProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_EPG		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.CONTRACT_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.CONTRACT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenant LabelContractSubject Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractTo EPG_1905.QOS		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_FILTER		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilter Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_FILTER_RULE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant FilterRule_1906.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilter RuleIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.TierToConfigureEPG		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.EPGIdentity		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.ContractIdentity		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.SGNodeIdentity		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.ExistingSNIP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.ExistingChainedFWNode		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.SSLSGNodeIdentity		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.SSLContractIdentity		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get TargetsForLBParamConfiguration_8526.SSLExistingFWNode Identity		ApicTenant L4L7ServiceGraph NodeIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.SERVICE_GRAPH		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_ GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.NODE_ONE_FUNCTION_ PROFILE_IDENTITY		ApicTenantFunction ProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.NODE_TWO_FUNCTION_ PROFILE_IDENTITY		ApicTenantFunction ProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_ GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_ GRAPH_NODE_TWO_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_ GRAPH_NODE_ONE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Create L4L7ServiceGraphTemplate_2878.TENANT_SERVICE_ GRAPH_NODE_TWO_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_ TENANT_ID		ApicDeviceTenant Identity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_GROUPID		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.OUTPUT_CONTAINER_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.Function Profile Selection for Service Graph Template.FUNCTION_PROFILE_IDENTITY		ApicTenantFunction ProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.extNetworkIdentity		ApicDeviceExternal NetworkInOutside NetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_Ext_Network_From_Container_3990.l3OutIdentity		ApicDeviceTenant L3OutIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenant L3OutIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY		ApicDeviceTenant ExternalBridgeNetwork Identity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_ NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_ IDENTITY		ApicDeviceExternal NetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.DEVICE_EXTERNAL_NETWORK_ IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternal NetworkInOutside NetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.CONTRACT_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.CONTRACT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_CONTRACT_IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_ CONTRACT_IDENTITY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddContractto ExternalNetwork_3991.QOS		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ Details_From_Container_3994.applicationProfile		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ Details_From_Container_3994.pNetworkIdentity		ApicDeviceTenant PrivateNetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ Details_From_Container_3994.privateNetworkName		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant BridgeDomain_3995.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant BridgeDomain_3995.TENANT_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant BridgeDomain_3995.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant BridgeDomain_3995.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateTenant BridgeDomain_3995.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.PRIVATE_NETWORK_ IDENTITY		ApicDeviceTenant PrivateNetworkIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_TENANT_APP_ PROFILE_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_ NETWORK_TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_PRIVATE_ NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_CREATE_SUBNET		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_ SHARED		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_ PUBLIC		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_SUBNET_TYPE_ PRIVATE		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_CREATE_EPG		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_EPG_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_EPG_QOS		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_DEPLOY_ IMMEDIANCY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_RESOLUTION_ IMMEDIANCY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_FORWARDING_ TYPE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_L2_UNKNOWN_ UNICAST		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_BD_UNKNOWN_ MULTICAST		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_ARP_FLOODING		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_UNICAST_ROUTING		Boolean
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.VMM_DOMAIN_PROFILE_ IDENTITY		ApicDomainProfile Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TIER_NAME		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_GATEWAY_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_PREFIX		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_START_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_APIC_SUBNET_END_IP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.OUTPUT_IP_SUBNET_CIDR_SIGNATURE		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenant ApplnProfileIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.Get APICContainerTierData_3996.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_EXTERNAL_ROUTED_ NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_EXTERNAL_ROUTED_ NETWORK_IDENTITY		ApicDeviceTenant L3OutIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_SUBNET_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_SUBNET_IDENTITY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3997.TENANT_SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY		ApicTenantSubnetTo BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFree IP_N_MASKFromSubnet_4808.IP_ADDRESS		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFree IP_N_MASKFromSubnet_4808.IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFree IP_N_MASKFromSubnet_4809.IP_ADDRESS		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_GetFree IP_N_MASKFromSubnet_4809.IP_MASK		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ APICContainerL4L7ServiceForProtocol_2916.Protocol_Type		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ APICContainerL4L7ServiceForProtocol_2916.Port		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridge DomainExist_3264.IS_BRIDGE_DOMAIN_EXIST		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_isBridge DomainExist_3264.OUTPUT_TENANT_BRIDGE_DOMAIN_ IDENTITY		ApicDeviceTenant BridgeDomainIdentity

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_BRIDGE_DOMAIN		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_EXTERNAL_ROUTED_ NETWORK_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_EXTERNAL_ROUTED_ NETWORK_IDENTITY		ApicDeviceTenant L3OutIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_SUBNET_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_SUBNET_IDENTITY		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.CreateSubnetTo BridgeDomain_3266.TENANT_SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY		ApicTenantSubnetTo BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_isService GraphExist_4790.EXISTING_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_isService GraphExist_4790.EXISTING_SERVICE_GRAPH_NODE_ IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_isService GraphExist_4790.IS_SERVICE_GRAPH_EXIST		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_service GraphProvider_4792.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenant ServiceGraphIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_service GraphProvider_4792.TENANT_L4L7_SERVICE_GRAPH_ NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.APIC_ACCOUNT		ApicDeviceIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_NAME		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_IDENTITY		ApicDeviceTenant Identity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.SERVICE_GRAPH		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_L4L7_SERVICE_ GRAPH_NODE_IDENTITY		ApicTenant L4L7ServiceGraph NodeIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_EPG		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_CONTRACT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.AddLoadBalancer RouteParametersToEPG_5207.TENANT_CONTRACT_ IDENTITY		ApicDeviceTenant ContractIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. DeployAPICL4L7ServiceswithTemplates_2591.custom_Get_ Common_Bridge_Domain_Identity_3065.BDIdentity		ApicDeviceTenant BridgeDomainIdentity
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031. custom_Get_L4L7ServiceDefinitionForPrivateNetwork_3028. ServiceNames		gen_text_input

Output	Description	Type
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.ITERATION_COUNT_OUTPUT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.ITERATION_INDEX_OUTPUT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.StartLoop_3029.START_LOOP_OUTPUT		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_1		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_Tier_Names_For_L4L7_Service_3987.Tier_2		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.ConfigureLBinHAMode_2912.SUB_SR_ID		serviceRequestId
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_Get_LB_Cluster_IP_Pool_5078.policyId		IPPoolPolicy
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.IPAddress		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.SubnetMask		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.GetResolvedIPAddressFromIPPoolTask_5079.GateWayIP		gen_text_input
APICContainerConfigureL4-L7ServicesforPrivateNetwork_3031.custom_GetManagementIPForDeviceCluster_5080.management IP		ipaddress

APIC Container Remove LB Server Farm Action

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SERVICE_CONTAINER	Service Container	Service Container	Y
CONTAINER_SERVERS	Container Servers	Container Servers	Y
LOAD_BALANCER_ID	Load Balancer Id	Container L4 L7 Service	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
UpdateServersToLBFarmWrapper_1496.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
UpdateServersToLBFarmWrapper_1496.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
UpdateServersToLBFarmWrapper_1496.SERVER_IP_ADDRESSES		Container L4 L7 Service
UpdateServersToLBFarmWrapper_1496.TENANT_LOAD_BALANCER_SERVER_IP_IDENTITY		ApicDeviceTenantLoadBalancerServerIdentity
UpdateServersToLBFarmWrapper_1496.VIP_ADDRESS		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
UpdateServersToLBFarmWrapper_1496.VIP_PROTOCOL		gen_text_input
UpdateServersToLBFarmWrapper_1496.VIP_PORT		gen_text_input
UpdateServersToLBFarmWrapper_1496.OUTPUT_SSL_LB_ENABLED		gen_text_input
UpdateServersToLBFarmWrapper_1496.OUTPUT_SSL_SG_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
UpdateServersToLBFarmWrapper_1496.SSL_VIP_ADDRESS		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
RemoveLoadBalancerServiceParametersFromEPG_1500.APIC_ACCOUNT		ApicDeviceIdentity
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_NAME		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
RemoveLoadBalancerServiceParametersFromEPG_1500.SERVICE_GRAPH		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_EPG		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
RemoveLoadBalancerServiceParametersFromEPG_1500.TENANT_LOAD_BALANCER_SERVER_IP		gen_text_input
custom_isPrivateNetworkCreatedOnTenantOnBoard_1506.IS_PRIVATE_NETWORK_EXIST		gen_text_input
custom_isPrivateNetworkCreatedOnTenantOnBoard_1506.OUTPUT_TENANT_IDENTITY		ApicDeviceTenantIdentity
RemoveLoadBalancerServiceParametersFromEPG_1508.APIC_ACCOUNT		ApicDeviceIdentity
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_NAME		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_IDENTITY		ApicDeviceTenantIdentity
RemoveLoadBalancerServiceParametersFromEPG_1508.SERVICE_GRAPH		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_EPG		gen_text_input
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
RemoveLoadBalancerServiceParametersFromEPG_1508.TENANT_LOAD_BALANCER_SERVER_IP		gen_text_input

APIC Container Setup ASA Devices

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
Service_Type		Generic Text Input	Y
ASAv Deployment Policy	ASAv Deployment Policy	Generic Text Input	
Management Port Group	Management Port Group	Generic Text Input	Y
Management IP Pool	Management IP Pool	IP Pool Selector	Y
Transport Mode	Transport Mode	Generic Text Input	Y
ASA HA Mode	ASA HA Mode	Boolean Input	Y
Deploy ASAv	Deploy ASAv	Generic Text Input	Y
Device Type	Device Type	Generic Text Input	Y
NetworkManagement	NetworkManagement	Generic Text Input	Y
ManagementHAIPPool	ManagementHAIPPool	IP Pool Selector	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
Deployed_Primary_ASAv_Mgmt_IP		gen_text_input
Deployed_ASAv_Port		gen_text_input
Deployed_ASAv_Username		gen_text_input
Deployed_ASAv_Password		password
Deployed_Primary_ASAv_VM_Name		gen_text_input
Deployed_Sec_ASAv_VM_NAME		gen_text_input
Deployed_Sec_ASAv_Mgmt_IP		gen_text_input

APIC Container Setup Network Devices

Summary

N.A

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
Service_Type		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Setup VPX Devices

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
Service_Type		Generic Text Input	Y
Configure LB	Configure LB	Generic Text Input	Y
Primary VPX VM	Primary VPX VM	Generic Text Input	Y
Secondary VPX VM	Secondary VPX VM	Generic Text Input	Y
Account	Account	Generic Text Input	Y
Primary LB VM Name	Primary LB VM Name	Generic Text Input	Y
Secondary LB VM Name	Secondary LB VM Name	Generic Text Input	Y
Primary LB Management IP	Primary LB Management IP	Generic Text Input	Y
Primary LB Username	Primary LB Username	Generic Text Input	Y
Primary LB Password	Primary LB Password	Password	Y
Secondary LB Management IP	Secondary LB Management IP	Generic Text Input	Y
Secondary LB Username	Secondary LB Username	Generic Text Input	Y
Secondary LB Password	Secondary LB Password	Password	Y
LB HA Mode	LB HA Mode	Generic Text Input	Y
Enable Network Management	Enable Network Management	Generic Text Input	Y
Device Type	Device Type	Generic Text Input	Y
NetworkManagement	NetworkManagement	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APIC Container Tier Creation

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
Container_PN_Identity		APIC Device Tenant Private Network Identity	
APIC_App_Profile_Identity		APIC Device Tenant Application Profile Identity	
Tier_Name		Generic Text Input	Y
Isolated		Boolean Input	Y
Parent_Tier		Generic Text Input	
Tier_Label	Tier_Label	Generic Text Input	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
VMWARE_DVSWITCH_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity

APIC Container unmanaged L4L7 Services

Summary

N.A

Description

This workflow takes care of configuring L4L7 services like Firewall and Load balancer for APIC container. It only configure L4L7 services in unmanaged form and does not do any APIC related configuration to manage these devices: 1) Deploy and configure firewalls if required 3) Attach load balancers to container and configure them as HA is required.

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		Service Container	Y
L4L7_Services		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APICContainerResizeVPXVM

Summary

N.A

Description

Check and resize VPX VM is required.

Inputs

Input	Description	Mappable To Type	Mandatory
PrimaryVMId	PrimaryVMId	Generic Text Input	Y
SecondaryVMId	SecondaryVMId	Generic Text Input	Y
CPUCountStr	CPUCountStr as provided by the custom task.	Generic Text Input	Y
MemoryStr	MemoryStr as provided by the custom task.	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

APICContainerSRMSettings

Summary

N.A

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
Primary_Container_Identity	Primary Container Identity	Service Container	Y
Secondary_Container_Identity	Secondary Container Identity	Service Container	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Add Host to Virtual SAN DvSwitch Network

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter Name	Select Datacenter Name	VMware DataCenter Identity	Y
Select Cluster	Select Cluster	VMware Cluster Identity	Y
Select Host/Cluster	Select Host or Cluster	Select Host/Cluster	Y
Host Node	Enter Host Node IP. Ex. 172.29.195.75,172.29.195.76	VMware Host Node Identity	Y
DVSwitch Name	Select DVSwitch	VMware DVSwitch Name	Y
uplinkPortgroup Name	Select Uplink Portgroup, According to DVSwitch	VMware DVSwitch Uplink Portgroup	Y
VSAN DVPortgroup	Select VSAN Portgroup,According to DVSwitch	VMware DVPortgroup Identity	Y
VSAN IP Pool Policy	Select VSAN IP pool policy	IP Pool Policy Selector	Y
vMotion DVPortGroup		VMware DVPortgroup Identity	
vMotion IP Pool Policy		IP Pool Policy Selector	
MTU Size	Specify 1500 or 9000	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
Add Host VMKernel Port VMotion.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity
Add Host VMKernel Port VMotion.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Add Host VMKernel Port VMotion.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy
Add Host VMKernel Port VMotion.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IP		StaticPoolIP
Add Host VMKernel Port VMotion.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPoolPolicy Identity

Output	Description	Type
Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
Add Host VMKernel Port VMotion.OUTPUT_MTU_SIZE		gen_text_input
Add Host VMKernel Port VMotion.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity
Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Add Host VMKernel Port VSAN Traffic.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy
Add Host VMKernel Port VSAN Traffic.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IP		StaticPoolIP
Add Host VMKernel Port VSAN Traffic.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPoolPolicy Identity
Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
Add Host VMKernel Port VSAN Traffic.OUTPUT_MTU_SIZE		gen_text_input
Add Host VMKernel Port VSAN Traffic.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
Add Hosts to DVSwitch.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
Add Hosts to DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
Add Hosts to DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
Add Hosts to DVSwitch.OUTPUT_HOST_LIST		vmwareHostMultiSelect
Add Hosts to DVSwitch.OUTPUT_VDS_UPLINK_PORTGROUP_NAME		uplinkPortGroupLovList
custom_vMotionDvPortGroupCheckTask_1267.vMotionPortGroupMandatory		VMwareDVPortgroupIdentity
custom_vMotionDvPortGroupCheckTask_1267.vMotionIPPoolPolicyMandatory		VMWareIPPoolPolicy
custom_GetDatacenterAndAccountFromDatacenterIdentity_2910.DatacenterName		datacenterName

Output	Description	Type
custom_GetDatacenterAndAccountFromDatacenterIdentity_2910.AccountName		vmwareAccountName
custom_GetHostNodeMultiSelectorFromHostNodeIdentity_2911.HostNodeMultiSelector		vmwareHostMultiSelect
custom_GetHostNodeIdentity_1946.OUTPUT_HOSTNODE_IDENTITY		vmwareHostNodeIdentity
out_clusterName		gen_text_input
out_HostName		vmHost
out_dvSwitchName		dvSwitchName
out_dvSwitchFrmAddHostTodvswitch		dvSwitchName
out_dvswitchIdentity		VMwareDVSwitchIdentity
OUT_DataCenter_Name		datacenterName
OUT_Account_Name		vmwareAccountName
OUT_UplinkPortGrp		uplinkPortGroupLovList
OUT_portGrpIdentity		VMwareDVPortgroupIdentity
OUT_ClusterIdentity		vmwareClusterIdentity

Configure APIC Container LB Commands

Summary

N.A

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
ServiceContainer		Service Container	Y
Primary_LB_IP		Generic Text Input	Y
Primary_Username		Generic Text Input	Y
Primary_Password		Password	Y
Sec_LB_IP		Generic Text Input	Y
Sec_Username		Generic Text Input	Y
Sec_Password		Password	Y
HA_MODE		Generic Text Input	Y
Enable_Network_Mgmt		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Configure APIC L4L7 Device

Summary

N.A

Description

This workflow configures APIC related entities like Device cluster and concrete devices corresponding to L4L7 service required by container. For each container only one device cluster per service is created and reused between different tiers if different service definition required: 1) Create Device cluster corresponding to L4L7 device (Firewall or Load balancer) 2) Add interfaces to device cluster corresponding to container Tiers. 3) Create Concrete devices on APIC corresponding to Firewall or Load balancer devices. 4) Add concrete interfaces to concrete devices and attach them to device cluster interfaces.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		Service Container	Y
APIC Tenant		APIC Device Tenant Identity	Y
Device Cluster Name		Generic Text Input	Y
Device Package Identity		APIC Device Tenant Package Identity	Y
Virtual IP		IP Address	Y
Port		Generic Text Input	Y
Username		Generic Text Input	Y
Password		Password	Y
Concrete Device Name		Generic Text Input	Y
Domain		APIC Device Domain Profile Identity	Y
Service Type		Generic Text Input	Y
Device Type		physical/virtual	Y
VM Name		Generic Text Input	Y
VCenter Name		Generic Text Input	Y
Physical Device Static Path Identity		APIC Device Tenant Static Path Identity	Y
Tier_List		Generic Text Input	Y
ISClusterMode		Generic Text Input	Y
Secondary_Device_VM_Name		Generic Text Input	Y
Secondary_Device_IP		Generic Text Input	Y
HA_IP_Pool		IP Pool Selector	Y
GoTo/GoThrough		Generic Text Input	Y

Input	Description	Mappable To Type	Mandatory
ISLBHMode		Generic Text Input	Y
Cluster Virtual IP	Cluster Virtual IP	Generic Text Input	Y
Context Aware	Context Aware	Generic Text Input	Y
Cluster User Name	Cluster User Name	Generic Text Input	Y
Cluster Password	Cluster Password	Generic Text Input	Y
APICServiceType	APICServiceType	Generic Text Input	Y
SecPhysicalStaticPath	SecPhysicalStaticPath	APIC Device Tenant Static Path Identity	Y
Concrete Interface	Concrete Interface	Generic Text Input	Y
Secondary Concrete Interface	Secondary Concrete Interface	Generic Text Input	Y
HA_Link_IP_Pool	IPs used for Stateful failover interface configuration, if enabled	IP Pool Selector	Y
EnableASAvHAStateful	Flag to enable ASAv HA Stateful Configuration	Generic Text Input	
PC_Members	PC_Members	Generic Text Input	Y
Channel_Group_Id	Channel Group Id	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Configure APIC Port Channel Members

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Port_Channel_Member_Interfaces	Port Channel Member Interfaces	Generic Text Input	Y
Channel Group Id	Channel Group Id	Generic Text Input	Y
Device Cluster Identity	Device Cluster Identity	APIC Device Tenant Device Cluster Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Configure LB in HA Mode

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
P_LB_IP		IP Address	Y
P_LB_Login		Generic Text Input	Y
P_LB_Pass		Password	Y
S_LB_IP		IP Address	Y
S_LB_Login		Generic Text Input	Y
S_LB_Pass		Password	Y
HA_MODE		Generic Text Input	Y
P_Gateway		Generic Text Input	Y
S_Gateway		Generic Text Input	Y
CLUSTER_MGMT_IP		IP Address	Y
PN		Generic Text Input	Y
Tier		Generic Text Input	Y
CLUSTER_MGMT_MASK		IP Address	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Create NIOC Virtual SAN DvSwitch Network

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter Name	Select Datacenter Name	VMware DataCenter Identity	Y
VSAN VLAN ID	Enter VSAN Vlan ID	VLAN ID	Y
vMotion VLAN ID	Enter VMotion Vlan ID	VLAN ID	Y
Management VLAN ID	Enter Management Vlan ID	VLAN ID	Y
vmNet VLAN ID	Enter VMnet Vlan ID	VLAN ID	Y
MTU Size	Enter MTU Size.Ex 1500 or 9000	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
Create DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
Create DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create DVSwitch.OUTPUT_VDS_UPLINK_PORTGROUP_NAME		uplinkPortGroupLovList
Create VSAN PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Create VSAN PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create VSAN PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
Create VSAN PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroupIdentity
Create VSAN PortGroup.OUTPUT_VLAN_ID		vlanID
Create VSAN PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create VSAN PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Create vMotion PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName

Output	Description	Type
Create vMotion PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create vMotion PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
Create vMotion PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroupIdentity
Create vMotion PortGroup.OUTPUT_VLAN_ID		vlanID
Create vMotion PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create vMotion PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Create Management PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Create Management PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create Management PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
Create Management PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroupIdentity
Create Management PortGroup.OUTPUT_VLAN_ID		vlanID
Create Management PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create Management PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Create VM Network PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Create VM Network PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create VM Network PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
Create VM Network PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroupIdentity
Create VM Network PortGroup.OUTPUT_VLAN_ID		vlanID
Create VM Network PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create VM Network PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Enable NIOC on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName

Output	Description	Type
Enable NIOC on DVSwith.OUTPUT_DATACENTER_NAME		datacenterName
Enable NIOC on DVSwith.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
Set VSAN Traffic ResourcePool on DVSwith.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set VSAN Traffic ResourcePool on DVSwith.OUTPUT_DATACENTER_NAME		datacenterName
Set VSAN Traffic ResourcePool on DVSwith.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
Set Management Traffic Resource Pool on DVSwith.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set Management Traffic Resource Pool on DVSwith.OUTPUT_DATACENTER_NAME		datacenterName
Set Management Traffic Resource Pool on DVSwith.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
Set VM Traffic ResourcePool on DVSwith.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set VM Traffic ResourcePool on DVSwith.OUTPUT_DATACENTER_NAME		datacenterName
Set VM Traffic ResourcePool on DVSwith.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
Set vMotion Traffic ResourcePool on DVSwith.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set vMotion Traffic ResourcePool on DVSwith.OUTPUT_DATACENTER_NAME		datacenterName
Set vMotion Traffic ResourcePool on DVSwith.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
vMotion Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
vMotion Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
vMotion Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwithIdentity
vMotion Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Set VSAN Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Set VSAN Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName

Output	Description	Type
Set VSAN Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Set VSAN Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Set VM Network Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Set VM Network Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set VM Network Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Set VM Network Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
Set Mgmt Network Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Set Mgmt Network Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
Set Mgmt Network Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Set Mgmt Network Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
custom_GetDatacenterAndAccountFromDatacenter Identity_2912.DatacenterName		datacenterName
custom_GetDatacenterAndAccountFromDatacenter Identity_2912.AccountName		vmwareAccountName
out_dvSwitchName		dvSwitchName
out_dvSwitchFrmAddHostTodvswitch		dvSwitchName
out_dvswitchIdentity		VMwareDVSwitchIdentity
OUT_DataCenter_Name		datacenterName
OUT_Account_Name		vmwareAccountName
OUT_UplinkPortGrp		uplinkPortGroupLovList
OUT_portGrpIdentity		VMwareDVPortgroupIdentity

Create VSAN Cluster

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name		Pod Name	Y
Datacenter Name	Datacenter Name	VMware DataCenter Identity	Y
Cluster Name	ex: VSANCluster	Generic Text Input	Y
Enable HA		Boolean Input	
Enable DRS		Boolean Input	
Host Nodes	Enter host node IP with comma separated, ex: 172.16.xx.xx,172.16.xx.xx,172.16.xx.xx	Generic Text Input	Y
Host User ID	Enter User Name	Generic Text Input	Y
Host Password	Enter Password	Password	Y
Host License	Host License with dash(-) separated	Generic Text Input	
Management IP Pool Policy	Management IP Pool Policy	IP Pool Policy Selector	
VM IP Pool Policy	VM IP Pool Policy	IP Pool Policy Selector	
VSAN IP Pool Policy	VSAN IP pool Policy	IP Pool Policy Selector	Y
vMotion IP Pool Policy		IP Pool Policy Selector	
Claim Disk Mode	Select Claim Disk Mode	VMWare Claim Disk Mode List	Y
MTU Size	Specify 1500 or 9000	Generic Text Input	Y
DVSwitch	Enter Existing DVSwitch	VMware DVSwitch	
Virtual SAN Portgroup	Enter Existing Virtual SAN Portgroup	VMware DVPortgroup Identity	
DVSwitch Uplink Portgroup		VMware DVSwitch Uplink Portgroup	
VMotion Portgroup		VMware DVPortgroup Identity	
RAID mode		RAID Mode	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
CreateVMwareCluster_3135.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
CreateVMwareCluster_3135.OUTPUT_DATACENTER_NAME		datacenterName
CreateVMwareCluster_3135.OUTPUT_CLUSTER_NAME		gen_text_input
CreateVMwareCluster_3135.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.SUB_SR_ID		serviceRequestId
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create DVSwitch.OUTPUT_VDS_UPLINK_PORTGROUP_NAME		uplinkPortGroupLovList
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_VLAN_ID		vlanID
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VSAN PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName

Output	Description	Type
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_VLAN_ID		vlanID
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create v Motion PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_VLAN_ID		vlanID
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create Management PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding

Output	Description	Type
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_VLAN_ID		vlanID
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Create VM Network PortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Enable NIOC on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Enable NIOC on DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Enable NIOC on DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Traffic ResourcePool on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Traffic ResourcePool on DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Traffic ResourcePool on DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Management Traffic Resource Pool on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Management Traffic Resource Pool on DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Management Traffic Resource Pool on DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Traffic ResourcePool on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Traffic ResourcePool on DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName

Output	Description	Type
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Traffic ResourcePool on DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set vMotion Traffic ResourcePool on DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set vMotion Traffic ResourcePool on DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set vMotion Traffic ResourcePool on DVSwitch.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.vMotion Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.vMotion Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.vMotion Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.vMotion Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VSAN Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Network Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Network Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Network Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity

Output	Description	Type
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set VM Network Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Mgmt Network Teaming and Failover.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Mgmt Network Teaming and Failover.OUTPUT_DVSWITCH_NAME		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Mgmt Network Teaming and Failover.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.Set Mgmt Network Teaming and Failover.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
CreateNIOCVirtualSANDvSwitchNetwork_1288.custom_GetDatacenterAndAccountFromDatacenterIdentity_2912.DatacenterName		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.custom_GetDatacenterAndAccountFromDatacenterIdentity_2912.AccountName		vmwareAccountName
CreateNIOCVirtualSANDvSwitchNetwork_1288.out_dv SwitchName		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.out_dv SwitchFrmAddHostTodvswitch		dvSwitchName
CreateNIOCVirtualSANDvSwitchNetwork_1288.out_dvswitchIdentity		VMwareDVSwitchIdentity
CreateNIOCVirtualSANDvSwitchNetwork_1288.OUT_Data Center_Name		datacenterName
CreateNIOCVirtualSANDvSwitchNetwork_1288.OUT_Account_Name		vmwareAccountName
CreateNIOCVirtualSANDvSwitchNetwork_1288.OUT_UplinkPortGrp		uplinkPortGroupLovList
CreateNIOCVirtualSANDvSwitchNetwork_1288.OUT_port GrpIdentity		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1289.SUB_SR_ID		serviceRequestId
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity

Output	Description	Type
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IP		StaticPoolIP
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPool PolicyIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_MTU_SIZE		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VMotion.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IP		StaticPoolIP
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPool PolicyIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_MTU_SIZE		gen_text_input

Output	Description	Type
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Host VMKernel Port VSAN Traffic.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Hosts to DVSwitch.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Hosts to DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Hosts to DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Hosts to DVSwitch.OUTPUT_HOST_LIST		vmwareHostMultiSelect
AddHosttoVirtualSANDvSwitchNetwork_1289.Add Hosts to DVSwitch.OUTPUT_VDS_UPLINK_PORTGROUP_NAME		uplinkPortGroupLovList
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_vMotionDvPortGroupCheckTask_1267.vMotionPortGroup Mandatory		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_vMotionDvPortGroupCheckTask_1267.vMotionIPPoolPolicy Mandatory		VMWareIPPoolPolicy
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_Get DatacenterAndAccountFromDatacenterIdentity_2910.DatacenterName		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_Get DatacenterAndAccountFromDatacenterIdentity_2910.Account Name		vmwareAccountName
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_Get HostNodeMultiSelectorFromHostNodeIdentity_2911.Host NodeMultiSelector		vmwareHostMultiSelect
AddHosttoVirtualSANDvSwitchNetwork_1289.custom_Get HostNodeIdentity_1946.OUTPUT_HOSTNODE_IDENTITY		vmwareHostNodeIdentity
AddHosttoVirtualSANDvSwitchNetwork_1289.out_cluster Name		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1289.out_Host Name		vmHost
AddHosttoVirtualSANDvSwitchNetwork_1289.out_dvSwitch Name		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1289.out_dvSwitch FrmAddHostTodvswitch		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1289.out_dvswitch Identity		VMwareDVSwitchIdentity

Output	Description	Type
AddHosttoVirtualSANDvSwitchNetwork_1289.OUT_Data Center_Name		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1289.OUT_Account_Name		vmwareAccountName
AddHosttoVirtualSANDvSwitchNetwork_1289.OUT_Uplink PortGrp		uplinkPortGroupLovList
AddHosttoVirtualSANDvSwitchNetwork_1289.OUT_port GrpIdentity		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1289.OUT_Cluster Identity		vmwareClusterIdentity
Create VirtualSAN DVPortGroup.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
Create VirtualSAN DVPortGroup.OUTPUT_DVSWITCH_NAME		dvSwitchName
Create VirtualSAN DVPortGroup.OUTPUT_DVPORTGROUP_PORTGROUPBINDING		VMwareDVPortGroupPort Binding
Create VirtualSAN DVPortGroup.OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY		vmwareVmPortGroup Identity
Create VirtualSAN DVPortGroup.OUTPUT_VLAN_ID		vlanID
Create VirtualSAN DVPortGroup.OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
Create VirtualSAN DVPortGroup.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroup Identity
custom_GetDatacenterAndAccountFromDatacenterIdentity_2913.DatacenterName		datacenterName
custom_GetDatacenterAndAccountFromDatacenterIdentity_2913.AccountName		vmwareAccountName
custom_Get_VirtualSAN_VLAN.VlanId		vlanID
custom_Get_VMotion_VLAN.VlanId		vlanID
custom_Get_Management_VLAN.VlanId		vlanID
custom_Get_VMNetwork_VLAN.VlanId		vlanID
custom_GetDVSwitchandDVPortGroup_1489.OUTPUT_DVSwitch		dvSwitchName
custom_GetDVSwitchandDVPortGroup_1489.OUTPUT_VirtualSANPortGroup		VMwareDVPortgroup Identity
custom_GetDVSwitchandDVPortGroup_1489.OUTPUT_DVSwitchUplinkPortGroupMandatory		uplinkPortGroupLovList
custom_GetDVSwitchandDVPortGroup_1489.OUTPUT_VMotionPortgroup		VMwareDVPortgroup Identity

Output	Description	Type
custom_DVSwitchCheckTask_1490.DVSwitchMandatory		VMwareDVSwitchIdentity
RegisterHostswithCluster_3194.HOST_NAME		vmwareHostMultiSelect
RegisterHostswithCluster_3194.OUTPUT_HOST_LIST		vmwareHostNodeIdentity
RegisterHostswithCluster_3194.OUTPUT_DATACENTER_HOST_LIST		vmwareHostNodeIdentity
Enable/DisableDRS_3511.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
Enable/DisableDRS_3511.OUTPUT_DATACENTER_NAME		datacenterName
Enable/DisableDRS_3511.OUTPUT_CLUSTER_NAME		gen_text_input
Enable/DisableDRS_3511.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
Enable/DisableHA_4345.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
Enable/DisableHA_4345.OUTPUT_DATACENTER_NAME		datacenterName
Enable/DisableHA_4345.OUTPUT_CLUSTER_NAME		gen_text_input
Enable/DisableHA_4345.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
out_clusterName		gen_text_input
out_HostName		vmHost
out_dvSwitchName		dvSwitchName
out_dvSwitchFrmAddHostTodvswitch		dvSwitchName
out_dvswitchIdentity		VMwareDVSwitchIdentity
OUT_DataCenter_Name		datacenterName
OUT_Account_Name		vmwareAccountName
OUT_UplinkPortGrp		uplinkPortGroupLovList
OUT_portGrpIdentity		VMwareDVPortgroup Identity
OUT_ClusterIdentity		vmwareClusterIdentity

Create_Multiple_Export_Rules

Summary

N.A

Description

Create Multiple Export Rule task used to add more than one rule to the export policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Client_MACs		Generic Text Input	Y
Cluster_Vserver_Identity		NetApp Cluster SVM Identity	Y
Cluster_Export_Policy_Identity		NetApp Cluster Export Policy Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
StartLoop_1338.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_1338.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_1338.START_LOOP_OUTPUT		gen_text_input
CreateClusterExportRule_1340.OUTPUT_CLUSTER_VSERVER_IDENTITY		netappClusterVServerIdentity
CreateClusterExportRule_1340.OUTPUT_CLUSTER_EXPORT_RULE_IDENTITY		netappClusterExportRuleIdentity
CreateClusterExportRule_1340.OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY		netappClusterExportPolicyIdentity

DR Cluster Creation

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Account Identity		EMC Account Identity	Y
EMC RAID Group Identity		EMC VNX RAID Group Identity	Y
EMC Storage Pool Identity		EMC VNX Storage Pool for Block Identity	Y
Datastore size		Generic Text Input	Y
EMC_HOST_EMPTY		Generic Text Input	Y
EMC VNX Host Identity		EMC VNX Host Identity	Y
EMC_STORAGEGROUP_EMPTY		Generic Text Input	Y
EMC Storage Group Identity		EMC VNX Storage Group Identity	Y
EMC Storage Processor Identity		EMC Storage Processor Identity	Y
EMC Multi Host Identity		Generic Text Input	Y
VMware Account Name		VMware Account Selector	Y
Datastore Cluster Name		Generic Text Input	Y
Datastore Size Limit		Generic Text Input	Y
Tenant Group ID		User Group	Y
VNX RP Storage Group		EMC VNX Storage Group Identity	Y
CONSISTENCY GROUP NAME		Generic Text Input	Y
CONSISTENCY GROUP COPY NAME		Generic Text Input	Y
RP ACCOUNT IDENTITY		EMC RP Account Identity	Y
EMC VNX RP Storage Pool Identity	EMC VNX RP Storage Pool Identity	EMC VNX Storage Pool for Block Identity	Y
HLU List		Generic Text Input	Y
RP Cluster Identity		EMC RP Cluster Identity	Y
isPrimary		Boolean Input	Y
isUpdateTenant		Boolean Input	Y

Input	Description	Mappable To Type	Mandatory
Existing Primary Production Copy		EMC RP CG Copy Identity	Y
Existing Secondary Production Copy		EMC RP CG Copy Identity	Y
Tenant Consistency Group Identity		EMC RP CG Identity	Y
LUN ID List		Generic Text Input	Y
Journal LUN ID List		Generic Text Input	Y
Journal HLU ID List		Generic Text Input	Y
Host Storage HLU List		Generic Text Input	Y
DR EMC Account Identity		EMC Account Identity	Y
DR EMC VNX Host Identity		EMC VNX Host Identity	Y
DR VNX RP Storage Group		EMC VNX Storage Group Identity	Y
Tenant Name		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_DATASTORE_NAME		dataStoreName
OUTPUT_DS_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity
OUTPUT_DATASTORE_IDENTITIES		gen_text_input
HOST_LUN_IDS		gen_text_input
HOST_LUN_IDENTITIES		gen_text_input
OUTPUT_CONSISTENCY_GROUP_IDENTITY		RecoverPointConsistencyGroupIdentity
OUTPUT_HLU_LIST		gen_text_input
OUTPUT_CG_COPY_IDENTITY		RecoverPointConsistencyGroupCopy Identity
OUTPUT_CG_REMOTE_COPY		RecoverPointConsistencyGroupCopy Identity
OUTPUT_LUN_IDENTITY_LIST		gen_text_input
OUTPUT_HOST_STORAGE_HLU_LIST		gen_text_input
OUTPUT_JOURNAL_HLU_LIST		gen_text_input
OUTPUT_JOURNAL_LUN_LIST		gen_text_input
OUTPUT_LUN_COUNT		gen_text_input

DR Cluster with RP Support

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Account Identity		EMC Account Identity	Y
EMC RAID Group Identity		EMC VNX RAID Group Identity	Y
EMC Storage Pool Identity		EMC VNX Storage Pool for Block Identity	Y
Datastore size		Generic Text Input	Y
EMC_HOST_EMPTY		Generic Text Input	Y
EMC VNX Host Identity		EMC VNX Host Identity	Y
EMC_STORAGEGROUP_EMPTY		Generic Text Input	Y
EMC Storage Group Identity		EMC VNX Storage Group Identity	Y
EMC Storage Processor Identity		EMC Storage Processor Identity	Y
VMware Account Name		VMware Account Selector	Y
EMC Multi Host Identity		Generic Text Input	Y
Datastore Cluster Name		Generic Text Input	Y
Datastore Size Limit		Generic Text Input	Y
Tenant Group ID		User Group	Y
VNX RP Storage Group		EMC VNX Storage Group Identity	Y
CONSISTENCY GROUP NAME		Generic Text Input	Y
CONSISTENCY GROUP COPY NAME		Generic Text Input	Y
RP ACCOUNT IDENTITY		EMC RP Account Identity	Y
EMC VNX RP Storage Pool Identity	EMC VNX RP Storage Pool Identity	EMC VNX Storage Pool for Block Identity	Y
HLU List		Generic Text Input	Y
RP Cluster Identity		EMC RP Cluster Identity	Y
isPrimary		Boolean Input	Y
isTenantUpdate		Boolean Input	Y
Tenant Consistency Group Identity	To create Secondary	EMC RP CG Identity	Y

Input	Description	Mappable To Type	Mandatory
	Consistency Group Copy		
CG Primary Copy Identity	Need this for update Tenant	EMC RP CG Copy Identity	Y
Secondary CG Copy Identity	Need while updating tenant	EMC RP CG Copy Identity	Y
ReplicationSet List		Generic Text Input	Y
LUN List		Generic Text Input	Y
Journal LUN ID List		Generic Text Input	Y
Journal HLU List		Generic Text Input	Y
Host Storage HLU List		Generic Text Input	Y
DR EMC Account Identity		EMC Account Identity	Y
DR EMC VNX Host Identity		EMC VNX Host Identity	Y
DR VNX RP Storage Group		EMC VNX Storage Group Identity	Y
Tenant Name		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_DATASTORE_NAME		dataStoreName
OUTPUT_DS_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity
OUTPUT_DATASTORE_IDENTITIES		gen_text_input
OUTPUT_REPLICATION_SET_LIST		gen_text_input
OUTPUT_HOST_LUN_LIST		gen_text_input
OUTPUT_HOST_HLU_LIST		gen_text_input
OUTPUT_JOURNAL_LUN_LIST		gen_text_input
OUTPUT_JOURNAL_HLU_LIST		gen_text_input
OUTPUT_HOST_STORAGE_HLU_LIST		gen_text_input
OUTPUT_LUN_COUNT		gen_text_input
OUTPUT_TENANT_CONSISTENCY_GROUP		RecoverPointConsistencyGroupIdentity
OUTPUT_CG_COPY_PRIMARY		RecoverPointConsistencyGroupCopy Identity
OUTPUT_CG_COPY_SECONDARY		RecoverPointConsistencyGroupCopy Identity

DR Tenant Onboarding - L3 Out

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Group ID		Generic Text Input	Y
Tenant Name		Generic Text Input	Y
APIC Tenant Identity		APIC Device Tenant Identity	Y
User Group		User Group	Y
Device 1 Login Name		Generic Text Input	Y
Device 1 IP Address		IP Address	Y
Device 1 Password		Password	Y
Device 2 Login Name		Generic Text Input	Y
Device 2 IP Address		IP Address	Y
Device 2 Password		Password	Y
Routed Static Path 1		APIC Device Tenant Static Path Identity	Y
Routed Static Path 2		APIC Device Tenant Static Path Identity	Y
Routed Static Path 3		APIC Device Tenant Static Path Identity	Y
Routed Static Path 4		APIC Device Tenant Static Path Identity	Y
APIC Fabric Node 1 Identity		APIC Device Fabric Node Identity	Y
APIC Fabric Node 2 Identity		APIC Device Fabric Node Identity	Y
Subnet Interface IP Address 1		IP Address	Y
Subnet Interface IP Address 2		IP Address	Y
Subnet Interface IP Address 3		IP Address	Y
Subnet Interface IP Address 4		IP Address	Y
GateWay IP Address 1		IP Address	Y
GateWay IP Address 2		IP Address	Y
GateWay IP Address 3		IP Address	Y
GateWay IP Address 4		IP Address	Y
LoopBack IP Address 1		IP Address	Y

Input	Description	Mappable To Type	Mandatory
LoopBack IP Address 2		IP Address	Y
LoopBack IP Address 3		IP Address	Y
LoopBack IP Address 4		IP Address	Y
LoopBack IP Subnet 1		Generic Text Input	Y
LoopBack IP Subnet 2		Generic Text Input	Y
LoopBack IP Subnet 3		Generic Text Input	Y
LoopBack IP Subnet 4		Generic Text Input	Y
DR VLAN ID		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
L3_ROUTER_DOMAIN		ApicDeviceTenantRoutedDomainIdentity
L3ExternalNetworkIdentity		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity
L3_PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity

DR Tenant Onboarding with MSP - VNX

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Profile	Choose Appropriate Tenant Profile	Resource Group Tenant Profile	Y
Service Offering	Choose Appropriate Service Offering	Resource Group Service Offering	Y
Tenant Name	Provide Tenant Name (1-16 characters)	Generic Text Input	Y
capacity		EMC Size Units	Y
Tenant Consistency Group Identity		EMC RP CG Identity	Y
Primary CG Copy Identity		EMC RP CG Copy Identity	Y
Secondary CG Copy Identity		EMC RP CG Copy Identity	Y
Replication Set List		Generic Text Input	Y
HLU List		Generic Text Input	Y
DR VLAN ID	provide Required Value	Generic Text Input	Y
Datastore Size Limit (GB)		Generic Text Input	Y
LUN List		Generic Text Input	Y
Memory (MB)		Generic Text Input	Y
Journal HLU List		Generic Text Input	Y
Journal LUN ID List		Generic Text Input	Y
Host Storage HLU List		Generic Text Input	Y
Private IP SubnetPool Policy	Choose Private IP SubnetPool Policy	IP Subnet Pool Policy Identity	Y
Resources For ND		Resources For ND	
Datastore Size (GB)(For ND)	Provide Datastore Size (GB)(For ND)	Generic Text Input	
Memory Reservation(MB)(For ND)		Generic Text Input	
No of CPU(For ND)		Generic Text Input	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
MULTI_SERVICE_PROFILE_LIST		ucsMultiServiceProfileIdentity
MULTI_SP_VNIC_LIST		ucsServiceProfileMultivNICIdentity
UCS_VLAN_GROUP_IDENTITY		gen_text_input
L2_OUT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
L2_OUT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
TENANT_PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB		gen_text_input
TENANT_L3_PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
L3ExternalNetworkIdentity		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity

DR Update Tenant - VNX

Summary

N.A

Description

Update Tenant - VNX This workflow allows to update Physical and Virtual Resource Limits on Tenant - Adds/Updates virtual resource limits for Tenant - Updates Resource Pool for Tenant - Adds/Updates Physical Server reservation for Tenant - Creates additional Datastores for Tenant

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose Tenant Name	Tenant Name	Y
Service Offering	Choose Appropriate Service Offering	Resource Group Service Offering	Y
Datastore Size(GB)	Provide Required Datastore Size Including Physical Server Storage Reservation	Generic Text Input	
Memory(MB)	Provide Required Memory Value in MB	Generic Text Input	
No of CPU	Provide Required No of CPU	Generic Text Input	
No of VDC	Provide Required No of VDCs	Generic Text Input	
datastore size limit	Provide Required Datastore Size Limit	Generic Text Input	Y
Replication Set List	Provide Required Value	Generic Text Input	Y
HLU List	Provide Required Value	Generic Text Input	Y
LUN List	Provide Required Value	Generic Text Input	Y
Journal LUN ID List	Provide Required Value	Generic Text Input	Y
Journal HLU List	Provide Required Value	Generic Text Input	Y
Host Storage HLU List	Provide Required Value	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Decommission Virtual SAN Host

Summary

N.A

Description

This task helps to decommission a Virtual SAN host node.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		VSAN Cluster	Y
Host		VSAN Host Node Identity	Y
Host Password	Host Password	Password	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Decommission Virtual SAN Host and UCS Service Profile

Summary

N.A

Description

This task helps to decommission a Virtual SAN host node and it disassociates Service Profile associated with UCS Server. There is an option provided to delete service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod	Pod Name	Pod Name	Y
Cluster		VSAN Cluster	Y
Host		VSAN Host Node Identity	Y
Host Password	Host Password	Password	Y
Delete Service Profile		Boolean Input	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Decommission Virtual SAN Host and UCS Service Profile from Cluster

Summary

N.A

Description

This task helps to decommission a Virtual SAN host node and it disassociates Service Profile associated with UCS Server. There is an option provided to delete service profile. This is executed while decommissioning Virtual SAN Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod	Pod Name	Pod Name	Y
Cluster		VSAN Cluster	Y
Host		VSAN Host Node Identity	Y
Host Password		Password	Y
Delete Service Profile		Boolean Input	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Decommission Virtual SAN Host from Cluster

Summary

N.A

Description

This task helps to decommission a Virtual SAN host node. This is executed while decommissioning Virtual SAN Cluster. This task does not have the validation to check minimum host node count.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		VSAN Cluster	Y
Host		VSAN Host Node Identity	Y
Host Password		Password	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Decommission Virtual SAN Multi Host Node

Summary

N.A

Description

This task helps to decommission multiple Virtual SAN host nodes. It provides option to disassociate and delete service profile also.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod	Select a Virtual SAN Pod	Pod Name	Y
Cluster		VSAN Cluster	Y
Host	Select Multiple Host	VSAN Multi Host Node Identity	Y
Host Password		Password	Y
Disassociate Service Profile		Boolean Input	
Delete Service Profile		Boolean Input	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Delete Container Contract Rule

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Security Rule		Security Rule Identity	Y
Source Network		Container Tier Identity	Y
Destination Network		Container Tier Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
DeleteTenantFilterRule_10558.APIC_ACCOUNT		ApicDeviceIdentity
DeleteTenantFilterRule_10558.TENANT_NAME		gen_text_input
DeleteTenantFilterRule_10558.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteTenantFilterRule_10558.TENANT_FILTER		gen_text_input
DeleteTenantFilterRule_10558.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
DeleteTenantFilterRule_10558.TENANT_FILTER_RULE		gen_text_input
DeleteTenantFilterRule_10558.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilterRule Identity
DeleteTenantFilter_10778.APIC_ACCOUNT		ApicDeviceIdentity
DeleteTenantFilter_10778.TENANT_NAME		gen_text_input
DeleteTenantFilter_10778.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteTenantFilter_10778.TENANT_FILTER		gen_text_input
DeleteContractSubject_10779.APIC_ACCOUNT		ApicDeviceIdentity
DeleteContractSubject_10779.TENANT_NAME		gen_text_input
DeleteContractSubject_10779.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteContractSubject_10779.TENANT_CONTRACT		gen_text_input
DeleteContractSubject_10779.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeleteContractSubject_10779.CONTRACT_SUBJECT		gen_text_input

Output	Description	Type
DeleteContractSubject_10779.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
GetAPICContracts_1594.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilterRuleIdentity
GetAPICContracts_1594.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
GetAPICContracts_1594.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
GetAPICContracts_1594.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
GetAPICContracts_1594.IS_CONTRACT_EMPTY		gen_text_input
GetAPICContracts_1594.IS_SUBJECT_EMPTY		gen_text_input
GetAPICContracts_1594.CONTAINER_SRC_TIER_IDENTITY		containerTiers
GetAPICContracts_1594.CONTAINER_DEST_TIER_IDENTITY		containerTiers
GetAPICContracts_1594.SRC_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantEpgContractIdentity
GetAPICContracts_1594.DEST_APIC_DEVICE_TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantEpgContractIdentity
DeleteContract_4397.APIC_ACCOUNT		ApicDeviceIdentity
DeleteContract_4397.TENANT_NAME		gen_text_input
DeleteContract_4397.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteContract_4397.TENANT_CONTRACT		gen_text_input
DeleteContract_4397.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
DeleteContractFromEPG_4514.APIC_ACCOUNT		ApicDeviceIdentity
DeleteContractFromEPG_4514.TENANT_NAME		gen_text_input
DeleteContractFromEPG_4514.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteContractFromEPG_4514.TENANT_APPLN_PROFILE		gen_text_input
DeleteContractFromEPG_4514.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
DeleteContractFromEPG_4514.TENANT_EPG		gen_text_input
DeleteContractFromEPG_4514.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
DeleteContractFromEPG_4514.CONTRACT_TYPE		gen_text_input

Output	Description	Type
DeleteContractFromEPG_4514.CONTRACT_NAME		gen_text_input
DeleteContractFromEPG_4514.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
DeleteContractFromEPG_4515.APIC_ACCOUNT		ApicDeviceIdentity
DeleteContractFromEPG_4515.TENANT_NAME		gen_text_input
DeleteContractFromEPG_4515.TENANT_IDENTITY		ApicDeviceTenantIdentity
DeleteContractFromEPG_4515.TENANT_APPLN_PROFILE		gen_text_input
DeleteContractFromEPG_4515.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
DeleteContractFromEPG_4515.TENANT_EPG		gen_text_input
DeleteContractFromEPG_4515.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
DeleteContractFromEPG_4515.CONTRACT_TYPE		gen_text_input
DeleteContractFromEPG_4515.CONTRACT_NAME		gen_text_input
DeleteContractFromEPG_4515.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity

Delete HyperFlex VM Dv Port Group

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Port Group Identity	VMware DVPortgroup Identity	Y
Account Name		Generic Text Input	Y
Host List		Generic Text Input	Y
Vlan Identity		UCS VLAN	Y
deleteVlan		Boolean Input	Y
vSwitchIdentity		VMware vSwitch	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Delete Hyperflex VM Port Group

Summary

N.A

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Port Group Identity	VMware Port Group Identity	Y
Account Name		Generic Text Input	Y
Host List		Generic Text Input	Y
Vlan Identity		UCS VLAN	Y
deleteVlan		Boolean Input	Y
VSwitchIdentity		VMware vSwitch	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Deploy APIC L4L7 Services

Summary

N.A

Description

This workflow deploys different services required between APIC container tiers: 1) Create APIC related entities like Service graph, Device context etc. to enable configuring services between two EPGs. 2) It also takes care of doing service chaining if required by container. 3) It adds up the VLAN information to UCSM for the APIC generated port groups for the tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		Service Container	Y
APIC Tenant		APIC Device Tenant Identity	Y
ASA APIC Firewall Policy		APIC L4L7 Service APIC ASA Firewall Function Profile Identity	Y
services		Generic Text Input	Y
Tier 1 BD		APIC Device Tenant Bridge Domain Identity	Y
Tier 2 BD		APIC Device Tenant Bridge Domain Identity	Y
Provider EPG		APIC Device Tenant EPG Identity	Y
Consumer EPG		APIC Device Tenant EPG Identity	Y
Service Type		Generic Text Input	Y
Device Type		physical/virtual	Y
External IP for Loadbalancer		Generic Text Input	Y
External IP Netmask for Loadbalancer		Generic Text Input	Y
Internal IP for Loadbalancer		Generic Text Input	Y
Internal IP Netmask for Loadbalancer		Generic Text Input	Y
Netscaler Function Profile		APIC L4L7 Service Function Profile Identity	Y
Function Name		APIC L4L7 Service Graph Function Node Identity	Y
LB Virtual IP		Generic Text Input	Y
Tier 1		Generic Text Input	Y
Tier 2		Generic Text Input	Y

Input	Description	Mappable To Type	Mandatory
Device Cluster Identity		APIC Device Tenant Device Cluster Identity	Y
Device_Cluster_Interface1_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
Device_Cluster_Interface2_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
Service Graph Name		Generic Text Input	Y
VM_NAME		Generic Text Input	Y
Tier1_GatewayIPMask		Generic Text Input	Y
Tier2_GatewayIPMask		Generic Text Input	Y
Device_Mgmt_IP		Generic Text Input	Y
Container_Name		Generic Text Input	Y
Service_Name		Generic Text Input	
Network_Probes		Generic Text Input	
Protocol		Generic Text Input	
ServiceChain		Generic Text Input	Y
ServiceChainServiceGraph	Service Chaining Service Graph Id	APIC Device Tenant Service Graph Identity	Y
ServiceChainContract		APIC Device Tenant Contract Identity	Y
ServiceChainBD		APIC Device Tenant Bridge Domain Identity	Y
ServiceChainLogicalDevice Context		APIC Tenant Logical Device Context Identity	Y
ServiceChainDeviceCluster Interface2		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
ServiceChaninContractSubject	Service Chain Contract Subject	Tenant Contract Subject Identity	Y
ServiceChainFilterIdentity		APIC Device Tenant Filter Identity	Y
LBMode		Generic Text Input	Y
Tier 1 Network IP		Generic Text Input	Y
Tier 1 Subnet Mask		Generic Text Input	Y
Internal Tier 2 IP		Generic Text Input	Y
ServiceChainSGNodeIdentity		APIC Device Tenant L4L7 Service Graph Node Identity	Y

Input	Description	Mappable To Type	Mandatory
IsMultipleServices		Generic Text Input	Y
MultipleServiceType		Generic Text Input	Y
VIP_Port	VIP Port	Generic Text Input	Y
SSL_Enabled	SSL_Enabled	Generic Text Input	
Certificate_Public_Key	Certificate_Public_Key	Generic Text Input	
Certificate_Private_Key	Certificate_Private_Key	Generic Text Input	
SCPHost	SCPHost	Generic Text Input	Y
SCPUser	SCPUser	Generic Text Input	Y
SCPPassword	SCPPassword	Generic Text Input	Y
SecSCPHost	SecSCPHost	Generic Text Input	Y
SecSCPUser	SecSCPUser	Generic Text Input	Y
SecSCPPassword	Sec SCPPassword	Generic Text Input	Y
LB_HA_Enabled		Boolean Input	Y
SSL_Port	SSL_Port	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Deploy APIC L4L7 Services with Templates

Summary

N.A

Description

This workflow deploys different services required between APIC container tiers: 1) Create APIC related entites like Service graph, Device context etc. to enable configuring services between two EPGs. 2) It also takes care of doing service chaining if required by container.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		Service Container	Y
APIC Tenant		APIC Device Tenant Identity	Y
ASA APIC Firewall Policy		APIC L4L7 Service APIC ASA Firewall Function Profile Identity	Y
services		Generic Text Input	Y
Tier 1 BD		APIC Device Tenant Bridge Domain Identity	Y
Tier 2 BD		APIC Device Tenant Bridge Domain Identity	Y
Provider EPG		APIC Device Tenant EPG Identity	Y
Consumer EPG		APIC Device Tenant EPG Identity	Y
Service Type		Generic Text Input	Y
Device Type		physical/virtual	Y
External IP for Loadbalancer		Generic Text Input	Y
External IP Netmask for Loadbalancer		Generic Text Input	Y
Internal IP for Loadbalancer		Generic Text Input	Y
Internal IP Netmask for Loadbalancer		Generic Text Input	Y
Netscaler Function Profile		APIC L4L7 Service Function Profile Identity	Y
Function Name		APIC L4L7 Service Graph Function Node Identity	Y
LB Virtual IP		Generic Text Input	Y
Tier 1		Generic Text Input	Y
Tier 2		Generic Text Input	Y
Device Cluster Identity		APIC Device Tenant Device Cluster Identity	Y

Input	Description	Mappable To Type	Mandatory
Device_Cluster_Interface1_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
Device_Cluster_Interface2_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
Service Graph Name		Generic Text Input	Y
VM_NAME		Generic Text Input	Y
Tier1_GatewayIPMask		Generic Text Input	Y
Tier2_GatewayIPMask		Generic Text Input	Y
Device_Mgmt_IP		Generic Text Input	Y
Container_Name		Generic Text Input	Y
Service_Name		Generic Text Input	
Network_Probes		Generic Text Input	
Protocol		Generic Text Input	
ServiceChain		Generic Text Input	Y
ServiceChainServiceGraph	Service Chaining Service Graph Id	APIC Device Tenant Service Graph Identity	Y
ServiceChainContract		APIC Device Tenant Contract Identity	Y
ServiceChainBD		APIC Device Tenant Bridge Domain Identity	Y
ServiceChainLogicalDevice Context		APIC Tenant Logical Device Context Identity	Y
ServiceChainDeviceCluster Interface2		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
ServiceChaninContractSubject	Service Chain Contract Subject	Tenant Contract Subject Identity	Y
ServiceChainFilterIdentity		APIC Device Tenant Filter Identity	Y
LBMode		Generic Text Input	Y
Tier 1 Network IP		Generic Text Input	Y
Tier 1 Subnet Mask		Generic Text Input	Y
Internal Tier 2 IP		Generic Text Input	Y
ServiceChainSGNodeIdentity		APIC Device Tenant L4L7 Service Graph Node Identity	Y
IsMultipleServices		Generic Text Input	Y

Input	Description	Mappable To Type	Mandatory
MultipleServiceType		Generic Text Input	Y
isConsumerExternal		Generic Text Input	Y
InfraTierName		Generic Text Input	Y
L4L7ServiceSubnetIP		Generic Text Input	Y
L4L7ServiceSubnetMask		Generic Text Input	Y
L4L7SubnetID		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
AddFilterToContractSubject_1503.APIC_ACCOUNT		ApicDeviceIdentity
AddFilterToContractSubject_1503.TENANT_NAME		gen_text_input
AddFilterToContractSubject_1503.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddFilterToContractSubject_1503.TENANT_CONTRACT		gen_text_input
AddFilterToContractSubject_1503.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
AddFilterToContractSubject_1503.CONTRACT_SUBJECT		gen_text_input
AddFilterToContractSubject_1503.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
AddFilterToContractSubject_1503.TENANT_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddFilterToContractSubject_1503.OUTPUT_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterTo ContractSubjectIdentity

Output	Description	Type
AddFilterToContractSubject_1503.OUTPUT_CONSUMER_TO_PROVIDER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
AddFilterToContractSubject_1503.OUTPUT_PROVIDER_TO_CONSUMER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
CreateLogicalDeviceContext_1504.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalDeviceContext_1504.TENANT_NAME		gen_text_input
CreateLogicalDeviceContext_1504.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalDeviceContext_1504.TENANT_CONTRACT		gen_text_input
CreateLogicalDeviceContext_1504.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
CreateLogicalDeviceContext_1504.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
CreateLogicalDeviceContext_1504.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDeviceClusterIdentity
CreateLogicalDeviceContext_1504.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
CreateLogicalDeviceContext_1504.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
CreateLogicalInterfaceContext_1505.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalInterfaceContext_1505.TENANT_NAME		gen_text_input
CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME		gen_text_input
CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
CreateLogicalInterfaceContext_1505.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalInterfaceContext_1505.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE		gen_text_input
CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN		gen_text_input

Output	Description	Type
CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateLogicalInterfaceContext_1505.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
CreateLogicalInterfaceContext_1505.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
CreateLogicalInterfaceContext_1505.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
CreateLogicalInterfaceContext_1506.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalInterfaceContext_1506.TENANT_NAME		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
CreateLogicalInterfaceContext_1506.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalInterfaceContext_1506.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE		gen_text_input
CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateLogicalInterfaceContext_1506.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
CreateLogicalInterfaceContext_1506.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
CreateLogicalInterfaceContext_1506.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
AddLoadBalancerParametersToEPG_770.APIC_ACCOUNT		ApicDeviceIdentity
AddLoadBalancerParametersToEPG_770.TENANT_NAME		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_IDENTITY		ApicDeviceTenantIdentity

Output	Description	Type
AddLoadBalancerParametersToEPG_770.SERVICE_GRAPH		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddLoadBalancerParametersToEPG_770.TENANT_EPG		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddLoadBalancerParametersToEPG_770.NETWORK_FOLDER		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_VIP_IDENTITY		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
ModifyContractSubject_772.APIC_ACCOUNT		ApicDeviceIdentity
ModifyContractSubject_772.TENANT_NAME		gen_text_input
ModifyContractSubject_772.TENANT_IDENTITY		ApicDeviceTenantIdentity
ModifyContractSubject_772.TENANT_CONTRACT		gen_text_input
ModifyContractSubject_772.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
ModifyContractSubject_772.CONTRACT_SUBJECT		gen_text_input
ModifyContractSubject_772.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
ModifyContractSubject_772.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
ModifyContractSubject_772.TENANT_INTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
ModifyContractSubject_772.TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
CreateContract_1901.APIC_ACCOUNT		ApicDeviceIdentity
CreateContract_1901.TENANT_NAME		gen_text_input
CreateContract_1901.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateContract_1901.TENANT_CONTRACT		gen_text_input
CreateContract_1901.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity

Output	Description	Type
CreateContractSubject_1902.APIC_ACCOUNT		ApicDeviceIdentity
CreateContractSubject_1902.TENANT_NAME		gen_text_input
CreateContractSubject_1902.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateContractSubject_1902.TENANT_CONTRACT		gen_text_input
CreateContractSubject_1902.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
CreateContractSubject_1902.CONTRACT_SUBJECT		gen_text_input
CreateContractSubject_1902.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
CreateContractSubject_1902.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
CreateTenantFilter_1903.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantFilter_1903.TENANT_NAME		gen_text_input
CreateTenantFilter_1903.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantFilter_1903.TENANT_FILTER		gen_text_input
CreateTenantFilter_1903.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddContractToEPG_1904.APIC_ACCOUNT		ApicDeviceIdentity
AddContractToEPG_1904.TENANT_NAME		gen_text_input
AddContractToEPG_1904.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddContractToEPG_1904.TENANT_APPLN_PROFILE		gen_text_input
AddContractToEPG_1904.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddContractToEPG_1904.TENANT_EPG		gen_text_input
AddContractToEPG_1904.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddContractToEPG_1904.CONTRACT_TYPE		gen_text_input
AddContractToEPG_1904.CONTRACT_NAME		gen_text_input
AddContractToEPG_1904.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddContractToEPG_1904.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
AddContractToEPG_1904.QOS		gen_text_input
AddContractToEPG_1905.APIC_ACCOUNT		ApicDeviceIdentity
AddContractToEPG_1905.TENANT_NAME		gen_text_input

Output	Description	Type
AddContractToEPG_1905.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddContractToEPG_1905.TENANT_APPLN_PROFILE		gen_text_input
AddContractToEPG_1905.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddContractToEPG_1905.TENANT_EPG		gen_text_input
AddContractToEPG_1905.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddContractToEPG_1905.CONTRACT_TYPE		gen_text_input
AddContractToEPG_1905.CONTRACT_NAME		gen_text_input
AddContractToEPG_1905.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddContractToEPG_1905.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
AddContractToEPG_1905.QOS		gen_text_input
CreateTenantFilterRule_1906.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantFilterRule_1906.TENANT_NAME		gen_text_input
CreateTenantFilterRule_1906.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantFilterRule_1906.TENANT_FILTER		gen_text_input
CreateTenantFilterRule_1906.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
CreateTenantFilterRule_1906.TENANT_FILTER_RULE		gen_text_input
CreateTenantFilterRule_1906.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilterRuleIdentity
custom_GetTargetsForLBParamConfiguration_8526.TierToConfigureEPG		gen_text_input
custom_GetTargetsForLBParamConfiguration_8526.EPGIdentity		ApicDeviceTenantEPGIdentity
custom_GetTargetsForLBParamConfiguration_8526.ContractIdentity		ApicDeviceTenantContractIdentity
custom_GetTargetsForLBParamConfiguration_8526.SGNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
custom_GetTargetsForLBParamConfiguration_8526.ExistingSNIP		gen_text_input
custom_GetTargetsForLBParamConfiguration_8526.ExistingChainedFWNode		ApicTenantL4L7ServiceGraphNodeIdentity

Output	Description	Type
custom_GetTargetsForLBParamConfiguration_8526.SSLSGNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
custom_GetTargetsForLBParamConfiguration_8526.SSLContractIdentity		ApicDeviceTenantContractIdentity
custom_GetTargetsForLBParamConfiguration_8526.SSLExistingFWNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
CreateL4L7ServiceGraphTemplate_2878.APIC_ACCOUNT		ApicDeviceIdentity
CreateL4L7ServiceGraphTemplate_2878.TENANT_NAME		gen_text_input
CreateL4L7ServiceGraphTemplate_2878.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateL4L7ServiceGraphTemplate_2878.SERVICE_GRAPH		gen_text_input
CreateL4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
CreateL4L7ServiceGraphTemplate_2878.NODE_ONE_FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfileIdentity
CreateL4L7ServiceGraphTemplate_2878.NODE_TWO_FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfileIdentity
CreateL4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
CreateL4L7ServiceGraphTemplate_2878.TENANT_L4L7_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
CreateL4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_ONE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
CreateL4L7ServiceGraphTemplate_2878.TENANT_SERVICE_GRAPH_NODE_TWO_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
Function Profile Selection for Service Graph Template. OUTPUT_CONTAINER_TENANT_ID		ApicDeviceTenantIdentity
Function Profile Selection for Service Graph Template. OUTPUT_CONTAINER_GROUPID		gen_text_input
Function Profile Selection for Service Graph Template. OUTPUT_CONTAINER_NAME		gen_text_input
Function Profile Selection for Service Graph Template. FUNCTION_PROFILE_IDENTITY		ApicTenantFunctionProfileIdentity
custom_Get_Ext_Network_From_Container_3990.extNetworkIdentity		ApicDeviceExternalNetworkInOutsideNetworkIdentity
custom_Get_Ext_Network_From_Container_3990.I3OutIdentity		ApicDeviceTenantL3OutIdentity

Output	Description	Type
AddContracttoExternalNetwork_3991.APIC_ACCOUNT		ApicDeviceIdentity
AddContracttoExternalNetwork_3991.TENANT_NAME		gen_text_input
AddContracttoExternalNetwork_3991.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_NAME		gen_text_input
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_BRIDGED_NETWORK_IDENTITY		ApicDeviceTenantExternalBridgeNetworkIdentity
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
AddContracttoExternalNetwork_3991.DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternalNetworkInOutsideNetworkIdentity
AddContracttoExternalNetwork_3991.CONTRACT_TYPE		gen_text_input
AddContracttoExternalNetwork_3991.CONTRACT_NAME		gen_text_input
AddContracttoExternalNetwork_3991.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddContracttoExternalNetwork_3991.TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY		gen_text_input
AddContracttoExternalNetwork_3991.QOS		gen_text_input
custom_Get_Details_From_Container_3994.application Profile		gen_text_input
custom_Get_Details_From_Container_3994.pNetwork Identity		ApicDeviceTenantPrivateNetworkIdentity
custom_Get_Details_From_Container_3994.private NetworkName		gen_text_input
CreateTenantBridgeDomain_3995.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantBridgeDomain_3995.TENANT_NAME		gen_text_input

Output	Description	Type
CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateTenantBridgeDomain_3995.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantBridgeDomain_3995.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
GetAPICContainerTierData_3996.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
GetAPICContainerTierData_3996.OUTPUT_TENANT_APP_PROFILE_NAME		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_TYPE		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_PRIVATE_NETWORK_NAME		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_CREATE_SUBNET		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_SHARED		Boolean
GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PUBLIC		Boolean
GetAPICContainerTierData_3996.OUTPUT_SUBNET_TYPE_PRIVATE		Boolean
GetAPICContainerTierData_3996.OUTPUT_CREATE_EPG		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_EPG_NAME		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_EPG_QOS		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_DEPLOY_IMMEDIANCY		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_RESOLUTION_IMMEDIANCY		gen_text_input
GetAPICContainerTierData_3996.TENANT_BRIDGE_DOMAIN		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_BD_FORWARDING_TYPE		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_BD_L2_UNKNOWN_UNICAST		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_BD_UNKNOWN_MULTICAST		gen_text_input

Output	Description	Type
GetAPICContainerTierData_3996.OUTPUT_ARP_FLOODING		Boolean
GetAPICContainerTierData_3996.OUTPUT_UNICAST_ROUTING		Boolean
GetAPICContainerTierData_3996.VMM_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
GetAPICContainerTierData_3996.TIER_NAME		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_GATEWAY_IP		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_PREFIX		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_START_IP		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_APIC_SUBNET_END_IP		gen_text_input
GetAPICContainerTierData_3996.OUTPUT_IP_SUBNET_CIDR_SIGNATURE		gen_text_input
GetAPICContainerTierData_3996.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
GetAPICContainerTierData_3996.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateSubnetToBridgeDomain_3997.APIC_ACCOUNT		ApicDeviceIdentity
CreateSubnetToBridgeDomain_3997.TENANT_NAME		gen_text_input
CreateSubnetToBridgeDomain_3997.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateSubnetToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateSubnetToBridgeDomain_3997.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateSubnetToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
CreateSubnetToBridgeDomain_3997.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_NAME		gen_text_input
CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_IDENTITY		gen_text_input
CreateSubnetToBridgeDomain_3997.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity

Output	Description	Type
custom_GetFreeIP_N_MASKFromSubnet_4808.IP_ADDRESS		gen_text_input
custom_GetFreeIP_N_MASKFromSubnet_4808.IP_MASK		gen_text_input
custom_GetFreeIP_N_MASKFromSubnet_4809.IP_ADDRESS		gen_text_input
custom_GetFreeIP_N_MASKFromSubnet_4809.IP_MASK		gen_text_input
custom_Get_APICContainerL4L7ServiceForProtocol_2916.Protocol_Type		gen_text_input
custom_Get_APICContainerL4L7ServiceForProtocol_2916.Port		gen_text_input
custom_isBridgeDomainExist_3264.IS_BRIDGE_DOMAIN_EXIST		gen_text_input
custom_isBridgeDomainExist_3264.OUTPUT_TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateSubnetToBridgeDomain_3266.APIC_ACCOUNT		ApicDeviceIdentity
CreateSubnetToBridgeDomain_3266.TENANT_NAME		gen_text_input
CreateSubnetToBridgeDomain_3266.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateSubnetToBridgeDomain_3266.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
CreateSubnetToBridgeDomain_3266.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_NAME		gen_text_input
CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_IDENTITY		gen_text_input
CreateSubnetToBridgeDomain_3266.TENANT_SUBNET_TO_BRIDGE_DOMAIN_IDENTITY		ApicTenantSubnetToBridgeDomainIdentity
custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
custom_isServiceGraphExist_4790.EXISTING_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity

Output	Description	Type
custom_isServiceGraphExist_4790.IS_SERVICE_GRAPH_EXIST		gen_text_input
custom_serviceGraphProvider_4792.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraph Identity
custom_serviceGraphProvider_4792.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddLoadBalancerRouteParametersToEPG_5207.APIC_ACCOUNT		ApicDeviceIdentity
AddLoadBalancerRouteParametersToEPG_5207.TENANT_NAME		gen_text_input
AddLoadBalancerRouteParametersToEPG_5207.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLoadBalancerRouteParametersToEPG_5207.SERVICE_GRAPH		gen_text_input
AddLoadBalancerRouteParametersToEPG_5207.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG		gen_text_input
AddLoadBalancerRouteParametersToEPG_5207.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT		gen_text_input
AddLoadBalancerRouteParametersToEPG_5207.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
custom_Get_Common_Bridge_Domain_Identity_3065.BDIdentity		ApicDeviceTenantBridgeDomain Identity

Deploy Transparent Mode APIC L4L7 Services

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		Service Container	Y
APIC Tenant		APIC Device Tenant Identity	Y
ASA APIC Firewall Policy		APIC L4L7 Service APIC ASA Firewall Function Profile Identity	Y
services		Generic Text Input	Y
Tier 1 BD		APIC Device Tenant Bridge Domain Identity	Y
Tier 2 BD		APIC Device Tenant Bridge Domain Identity	Y
Provider EPG		APIC Device Tenant EPG Identity	Y
Consumer EPG		APIC Device Tenant EPG Identity	Y
Service Type		Generic Text Input	Y
Device Type		physical/virtual	Y
External IP for Loadbalancer		Generic Text Input	Y
External IP Netmask for Loadbalancer		Generic Text Input	Y
Internal IP for Loadbalancer		Generic Text Input	Y
Internal IP Netmask for Loadbalancer		Generic Text Input	Y
Netscaler Function Profile		APIC L4L7 Service Function Profile Identity	Y
Function Name		APIC L4L7 Service Graph Function Node Identity	Y
LB Virtual IP		Generic Text Input	Y
Tier 1		Generic Text Input	Y
Tier 2		Generic Text Input	Y
Device Cluster Identity		APIC Device Tenant Device Cluster Identity	Y
Device_Cluster_Interface1_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y

Input	Description	Mappable To Type	Mandatory
Device_Cluster_Interface2_Identity		APIC Device Tenant Logical Interface to Device Cluster Identity	Y
Service Graph Name		Generic Text Input	Y
VM_NAME		Generic Text Input	Y
Tier1_GatewayIPMask		Generic Text Input	Y
Tier2_GatewayIPMask		Generic Text Input	Y
Device_Mgmt_IP		Generic Text Input	Y
Container_Name		Generic Text Input	Y
Service_Name		Generic Text Input	
Network_Probes		Generic Text Input	
Protocol		Generic Text Input	
L3/L2		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
AddFilterToContractSubject_1503.APIC_ACCOUNT		ApicDeviceIdentity
AddFilterToContractSubject_1503.TENANT_NAME		gen_text_input
AddFilterToContractSubject_1503.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddFilterToContractSubject_1503.TENANT_CONTRACT		gen_text_input
AddFilterToContractSubject_1503.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
AddFilterToContractSubject_1503.CONTRACT_SUBJECT		gen_text_input
AddFilterToContractSubject_1503.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
AddFilterToContractSubject_1503.TENANT_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_IN_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity

Output	Description	Type
AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER		gen_text_input
AddFilterToContractSubject_1503.TENANT_OUT_TERM_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddFilterToContractSubject_1503.OUTPUT_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
AddFilterToContractSubject_1503.OUTPUT_CONSUMER_TO_PROVIDER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
AddFilterToContractSubject_1503.OUTPUT_PROVIDER_TO_CONSUMER_FILTER_CONTRACT_SUBJECT_IDENTITY		ApicDeviceTenantFilterToContractSubjectIdentity
CreateLogicalDeviceContext_1504.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalDeviceContext_1504.TENANT_NAME		gen_text_input
CreateLogicalDeviceContext_1504.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalDeviceContext_1504.TENANT_CONTRACT		gen_text_input
CreateLogicalDeviceContext_1504.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
CreateLogicalDeviceContext_1504.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
CreateLogicalDeviceContext_1504.TENANT_DEVICE_CLUSTER_IDENTITY		ApicDeviceTenantDeviceClusterIdentity
CreateLogicalDeviceContext_1504.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
CreateLogicalDeviceContext_1504.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
CreateLogicalInterfaceContext_1505.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalInterfaceContext_1505.TENANT_NAME		gen_text_input
CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME		gen_text_input
CreateLogicalInterfaceContext_1505.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
CreateLogicalInterfaceContext_1505.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalInterfaceContext_1505.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity

Output	Description	Type
CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE		gen_text_input
CreateLogicalInterfaceContext_1505.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateLogicalInterfaceContext_1505.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateLogicalInterfaceContext_1505.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
CreateLogicalInterfaceContext_1505.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
CreateLogicalInterfaceContext_1505.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY
CreateLogicalInterfaceContext_1506.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalInterfaceContext_1506.TENANT_NAME		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_CONNECTOR_NAME_IDENTITY		ApicDeviceTenantLogicalInterfaceContextIdentity
CreateLogicalInterfaceContext_1506.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalInterfaceContext_1506.TENANT_LOGICAL_DEVICE_CONTEXT_IDENTITY		ApicDeviceTenantLogicalDeviceContextIdentity
CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE		gen_text_input
CreateLogicalInterfaceContext_1506.DEVICE_CLUSTER_INTERFACE_IDENTITY		ApicDeviceTenantDeviceClusterInterfaceIdentity
CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateLogicalInterfaceContext_1506.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateLogicalInterfaceContext_1506.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
CreateLogicalInterfaceContext_1506.TENANT_CUSTOM_QOS_POLICY_IDENTITY		ApicTenantCustomQosPolicyIdentity
CreateLogicalInterfaceContext_1506.TENANT_POLICY_BASED_REDIRECT_IDENTITY		APIC_L4_L7_POLICY_BASED_REDIRECT_IDENTITY

Output	Description	Type
AddFunctionNodetoL4L7ServiceGraph_1503.APIC_ACCOUNT		ApicDeviceIdentity
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_NAME		gen_text_input
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddFunctionNodetoL4L7ServiceGraph_1503.SERVICE_GRAPH		gen_text_input
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraph Identity
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_SERVICE_GRAPH_NODE_CONNECTION_ONE_IDENTITY		ApicDeviceTenantServiceGraph NodeConnectionIdentity
AddFunctionNodetoL4L7ServiceGraph_1503.TENANT_SERVICE_GRAPH_NODE_CONNECTION_TWO_IDENTITY		ApicDeviceTenantServiceGraph NodeConnectionIdentity
custom_Common_Service_Graph_Node_Identity_1504.COMMON_SG_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
custom_Common_Service_Graph_Node_Identity_1504.COMMON_SG_IDENTITY		ApicDeviceTenantServiceGraph Identity
AddFunctionNodetoL4L7ServiceGraph_769.APIC_ACCOUNT		ApicDeviceIdentity
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_NAME		gen_text_input
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddFunctionNodetoL4L7ServiceGraph_769.SERVICE_GRAPH		gen_text_input
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraph Identity
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_SERVICE_GRAPH_NODE_CONNECTION_ONE_IDENTITY		ApicDeviceTenantServiceGraph NodeConnectionIdentity
AddFunctionNodetoL4L7ServiceGraph_769.TENANT_SERVICE_GRAPH_NODE_CONNECTION_TWO_IDENTITY		ApicDeviceTenantServiceGraph NodeConnectionIdentity

Output	Description	Type
AddLoadBalancerParametersToEPG_770.APIC_ACCOUNT		ApicDeviceIdentity
AddLoadBalancerParametersToEPG_770.TENANT_NAME		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLoadBalancerParametersToEPG_770.SERVICE_GRAPH		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddLoadBalancerParametersToEPG_770.TENANT_EPG		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddLoadBalancerParametersToEPG_770.NETWORK_FOLDER		gen_text_input
AddLoadBalancerParametersToEPG_770.TENANT_VIP_IDENTITY		ApicDeviceTenantEPGL4L7IPv46ParamIdentity
ModifyContractSubject_772.APIC_ACCOUNT		ApicDeviceIdentity
ModifyContractSubject_772.TENANT_NAME		gen_text_input
ModifyContractSubject_772.TENANT_IDENTITY		ApicDeviceTenantIdentity
ModifyContractSubject_772.TENANT_CONTRACT		gen_text_input
ModifyContractSubject_772.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
ModifyContractSubject_772.CONTRACT_SUBJECT		gen_text_input
ModifyContractSubject_772.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubjectIdentity
ModifyContractSubject_772.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
ModifyContractSubject_772.TENANT_INTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
ModifyContractSubject_772.TENANT_OUTTERM_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
custom_APIC_L4L7_ASAv_Network_VLAN_Info_475.VM_IDENTITY		vm

Output	Description	Type
custom_APIC_L4L7_ASAv_Network_VLAN_Info_475.OUTPUT_ASAV_VLAN1		vlanID
custom_APIC_L4L7_ASAv_Network_VLAN_Info_475.OUTPUT_ASAV_VLAN2		vlanID
custom_APIC_L4L7_ASAv_Network_VLAN_Info_475.SP_VNICs		ucsServiceProfileMultivNICIdentity
custom_APIC_L4L7_ASAv_Network_VLAN_Info_475.UCS_Account		ucsAccountIdentity
AddVLANtoMultipleUCSManagers_476.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
AddVLANtoMultipleUCSManagers_476.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
AddVLANtoMultipleUCSManagers_476.MULTI_VLAN_GROUP_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_476.MULTI_VLAN_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_477.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
AddVLANtoMultipleUCSManagers_477.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
AddVLANtoMultipleUCSManagers_477.MULTI_VLAN_GROUP_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_477.MULTI_VLAN_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_433.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
AddVLANtoMultipleUCSManagers_433.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
AddVLANtoMultipleUCSManagers_433.MULTI_VLAN_GROUP_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_433.MULTI_VLAN_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_434.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
AddVLANtoMultipleUCSManagers_434.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
AddVLANtoMultipleUCSManagers_434.MULTI_VLAN_GROUP_IDENTITY		gen_text_input
AddVLANtoMultipleUCSManagers_434.MULTI_VLAN_IDENTITY		gen_text_input

Output	Description	Type
CreateContract_1901.APIC_ACCOUNT		ApicDeviceIdentity
CreateContract_1901.TENANT_NAME		gen_text_input
CreateContract_1901.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateContract_1901.TENANT_CONTRACT		gen_text_input
CreateContract_1901.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
CreateContractSubject_1902.APIC_ACCOUNT		ApicDeviceIdentity
CreateContractSubject_1902.TENANT_NAME		gen_text_input
CreateContractSubject_1902.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateContractSubject_1902.TENANT_CONTRACT		gen_text_input
CreateContractSubject_1902.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContract Identity
CreateContractSubject_1902.CONTRACT_SUBJECT		gen_text_input
CreateContractSubject_1902.TENANT_CONTRACT_SUBJECT_IDENTITY		ApicTenantContractSubject Identity
CreateContractSubject_1902.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraph Identity
CreateTenantFilter_1903.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantFilter_1903.TENANT_NAME		gen_text_input
CreateTenantFilter_1903.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantFilter_1903.TENANT_FILTER		gen_text_input
CreateTenantFilter_1903.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
AddContractToEPG_1904.APIC_ACCOUNT		ApicDeviceIdentity
AddContractToEPG_1904.TENANT_NAME		gen_text_input
AddContractToEPG_1904.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddContractToEPG_1904.TENANT_APPLN_PROFILE		gen_text_input
AddContractToEPG_1904.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfile Identity
AddContractToEPG_1904.TENANT_EPG		gen_text_input
AddContractToEPG_1904.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddContractToEPG_1904.CONTRACT_TYPE		gen_text_input
AddContractToEPG_1904.CONTRACT_NAME		gen_text_input

Output	Description	Type
AddContractToEPG_1904.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddContractToEPG_1904.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
AddContractToEPG_1904.QOS		gen_text_input
AddContractToEPG_1905.APIC_ACCOUNT		ApicDeviceIdentity
AddContractToEPG_1905.TENANT_NAME		gen_text_input
AddContractToEPG_1905.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddContractToEPG_1905.TENANT_APPLN_PROFILE		gen_text_input
AddContractToEPG_1905.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddContractToEPG_1905.TENANT_EPG		gen_text_input
AddContractToEPG_1905.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddContractToEPG_1905.CONTRACT_TYPE		gen_text_input
AddContractToEPG_1905.CONTRACT_NAME		gen_text_input
AddContractToEPG_1905.TENANT_CONTRACT_IDENTITY		ApicDeviceTenantContractIdentity
AddContractToEPG_1905.TENANT_EPG_CONTRACT_IDENTITY		ApicDeviceTenantLabelContractSubjectIdentity
AddContractToEPG_1905.QOS		gen_text_input
CreateTenantFilterRule_1906.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantFilterRule_1906.TENANT_NAME		gen_text_input
CreateTenantFilterRule_1906.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantFilterRule_1906.TENANT_FILTER		gen_text_input
CreateTenantFilterRule_1906.TENANT_FILTER_IDENTITY		ApicDeviceTenantFilterIdentity
CreateTenantFilterRule_1906.TENANT_FILTER_RULE		gen_text_input
CreateTenantFilterRule_1906.TENANT_FILTER_RULE_IDENTITY		ApicDeviceTenantFilterRuleIdentity
AddInterfaceToEPG_1670.APIC_ACCOUNT		ApicDeviceIdentity
AddInterfaceToEPG_1670.TENANT_NAME		gen_text_input
AddInterfaceToEPG_1670.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddInterfaceToEPG_1670.SERVICE_GRAPH		gen_text_input

Output	Description	Type
AddInterfaceToEPG_1670.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
AddInterfaceToEPG_1670.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddInterfaceToEPG_1670.TENANT_L4L7_SERVICE_GRAPH_NODE_INTERFACE_IDENTITY		gen_text_input
AddInterfaceToEPG_1670.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddInterfaceToEPG_1670.OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY		ApicTenantL4L7EPGInterfaceIdentity
AddInterfaceToEPG_1670.OUTPUT_TENANT_L4L7_INTERFACE_EPG_IDENTITY		ApicTenantL4L7InterfaceEPGIdentity
AddInterfaceToEPG_1671.APIC_ACCOUNT		ApicDeviceIdentity
AddInterfaceToEPG_1671.TENANT_NAME		gen_text_input
AddInterfaceToEPG_1671.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddInterfaceToEPG_1671.SERVICE_GRAPH		gen_text_input
AddInterfaceToEPG_1671.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
AddInterfaceToEPG_1671.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
AddInterfaceToEPG_1671.TENANT_L4L7_SERVICE_GRAPH_NODE_INTERFACE_IDENTITY		gen_text_input
AddInterfaceToEPG_1671.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddInterfaceToEPG_1671.OUTPUT_TENANT_L4L7_EPG_INTERFACE_IDENTITY		ApicTenantL4L7EPGInterfaceIdentity
AddInterfaceToEPG_1671.OUTPUT_TENANT_L4L7_INTERFACE_EPG_IDENTITY		ApicTenantL4L7InterfaceEPGIdentity
custom_GetAPICContainerLBVip_3468.VIP_OUTPUT		gen_text_input
custom_GetAPICContainerLBVip_3468.VIP_MASK		gen_text_input
custom_GetAPICContainerLBVip_3468.VIP_NETWORK_IP		gen_text_input
custom_GetAPICContainerLBVip_3468.isVIPRequired		gen_text_input
UpdateConnectiontoNode_1164.APIC_ACCOUNT		ApicDeviceIdentity
UpdateConnectiontoNode_1164.TENANT_NAME		gen_text_input
UpdateConnectiontoNode_1164.TENANT_IDENTITY		ApicDeviceTenantIdentity
UpdateConnectiontoNode_1164.SERVICE_GRAPH		gen_text_input
UpdateConnectiontoNode_1164.TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity

Output	Description	Type
UpdateConnectiontoNode_1164.TENANT_SERVICE_GRAPH_NODE_CONNECTION_IDENTITY		ApicDeviceTenantServiceGraph NodeConnectionIdentity
custom_get_vlan_from_deployed_device_cluster_5_3_4941.OUTPUT_ASAV_VLAN1		vlanID
custom_get_vlan_from_deployed_device_cluster_5_3_4941.OUTPUT_ASAV_VLAN2		vlanID
custom_get_vlan_from_deployed_device_cluster_5_3_4941.SP_VNICs		ucsServiceProfileMultiv NICIdentity
custom_get_vlan_from_deployed_device_cluster_5_3_4941.UCS_Account		ucsAccountIdentity
custom_get_vlan_from_deployed_device_cluster_5_3_4941.ConfigureUCSM		gen_text_input
AddFunctionConfigParametersToEPG_5972.APIC_ACCOUNT		ApicDeviceIdentity
AddFunctionConfigParametersToEPG_5972.TENANT_NAME		gen_text_input
AddFunctionConfigParametersToEPG_5972.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddFunctionConfigParametersToEPG_5972.SERVICE_GRAPH		gen_text_input
AddFunctionConfigParametersToEPG_5972.TENANT_CONTRACT		gen_text_input
AddFunctionConfigParametersToEPG_5972.APPLICATION_PROFILE		gen_text_input
AddFunctionConfigParametersToEPG_5972.TENANT_EPG		gen_text_input
AddFunctionConfigParametersToEPG_5972.TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraph NodeIdentity
AddFunctionConfigParametersToEPG_5972.OUTPUT_EPG_EXTERNAL_INTERFACE		gen_text_input
AddFunctionConfigParametersToEPG_5972.OUTPUT_EPG_INTERNAL_INTERFACE		gen_text_input

EMC-RP-Journal

Summary

N.A

Description

1. Calculating the Journal Volume Size based on Datastore Size (Default 20% of Datastore Size) 2. Create Journal Volume on VNX from Journal Storage Pool 3. Add Journal Lun to RP Storage Group 4. Rescan for Journal Lun on RP 5. Add Journal Lun to Consistency Group Copy

Inputs

Input	Description	Mappable To Type	Mandatory
EMC VNX Account		EMC Account Identity	Y
EMC Storage Pool Type Selector		EMC Storage Pool Type Selector	Y
RAID		EMC RAID Type Selector	Y
EMC RAID Group Identity		EMC VNX RAID Group Identity	Y
EMC Storage Pool Identity		EMC VNX Storage Pool for Block Identity	Y
EMC Size Unit		EMC Size Units	Y
ConsistencyGroupCopyProd		EMC RP CG Copy Identity	Y
VNX RP Storage Group	RP Storage Group Identity	EMC VNX Storage Group Identity	Y
RP Cluster Identity		EMC RP Cluster Identity	Y
Datastore Size		Generic Text Input	Y
Journal HLU List		Generic Text Input	Y
isPrimary		Generic Text Input	Y
Journal LUN IDs List		Generic Text Input	Y
DR EMC VNX Account		EMC Account Identity	Y
DR VNX RP Storage Group		EMC VNX Storage Group Identity	Y
Tenant Name		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_JOURNAL_LUN_IDS		gen_text_input
OUTPUT_JOURNAL_HLU_LIST		gen_text_input

EMC_RP_DR_RSet

Summary

N.A

Description

1. Rescan the VNX volumes in Recover Point
2. List of Datastore Luns to be added to Replication Set
3. Create Replication Set
4. Add Datastore Luns to Replication Set
5. Attach Datastore Luns to Splitter

Inputs

Input	Description	Mappable To Type	Mandatory
ProductionLunList	List of Luns in VNX Lun Identity format	Generic Text Input	Y
ConsistencyGroupIdentity	Consistency Group Identity	EMC RP CG Identity	Y
ConsistencyGroupCopy Identity	Consistency Group Copy Identity	EMC RP CG Copy Identity	Y
CG Primary Copy Identity		EMC RP CG Copy Identity	Y
RP Cluster Identity		EMC RP Cluster Identity	Y
isPrimary	Primary Site Flag	Boolean Input	Y
isTenantUpdate		Boolean Input	Y
ReplicationSet List		Generic Text Input	Y
CG Remote Copy		EMC RP CG Copy Identity	Y
Lun Count		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
ReplicationSetId		RecoverPointReplicationSetIdentity
ConsistencyGroupId		RecoverPointConsistencyGroupIdentity
ConsistencyGroupCopyProd		RecoverPointConsistencyGroupCopyIdentity
ConsistencyGroupCopySecondary		RecoverPointConsistencyGroupCopyIdentity
ReplicationSetList		gen_text_input

Expand VSAN Cluster

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Select VSAN Cluster	VSAN Cluster	Y
Host Nodes	Host Nodes : Ex. 172.29.195.75,172.29.195.76,172.29.195.77	Generic Text Input	Y
Host User ID	Enter User ID	Generic Text Input	Y
Host Password	Enter Host Password	Password	Y
Host License		Generic Text Input	
DVSwitch	Select DVSwitch	VMware DVSwitch	Y
DVSwitch Uplink Portgroup	Select Uplink Portgroup,According to DVSwitch	VMware DVSwitch Uplink Portgroup	Y
Virtual SAN Portgroup	Select Virtual SAN Portgroup	VMware DVPortgroup Identity	Y
VSAN IP Pool Policy	Select VSAN IP Pool Policy	IP Pool Policy Selector	Y
vMotion Portgroup		VMware DVPortgroup Identity	
vMotion IP Pool Policy		IP Pool Policy Selector	
MTU Size	Enter MTU Size,Ex : 1500 or 9000	Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
RegisterHostswithCluster_434.HOST_NAME		vmwareHostMultiSelect
RegisterHostswithCluster_434.OUTPUT_HOST_LIST		vmwareHostNodeIdentity
RegisterHostswithCluster_434.OUTPUT_DATACENTER_HOST_LIST		vmwareHostNodeIdentity
custom_GetAccount,DatacenterandClusterfromCluster Identity_1934.VMWARE_ACCOUNT_NAME		gen_text_input
custom_GetAccount,DatacenterandClusterfromCluster Identity_1934.DATACENTER_NAME		datacenterName
custom_GetAccount,DatacenterandClusterfromCluster Identity_1934.CLUSTER_NAME		gen_text_input

Output	Description	Type
custom_GetAccount,DatacenterandClusterfromClusterIdentity_1934.CLUSTER_IDENTITY		vmwareClusterIdentity
custom_GetAccount,DatacenterandClusterfromClusterIdentity_1934.DATACENTER_IDENTITY		vsanVMwareDatacenterIdentity
custom_GetAccount,DatacenterandClusterfromClusterIdentity_1934.CLAIM_DISK_MODE		VMWareClaimDiskModeList
AddHosttoVirtualSANDvSwitchNetwork_1935.SUB_SR_ID		serviceRequestId
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IP		StaticPoolIP
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPoolPolicyIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_MTU_SIZE		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VMotion.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_HOST_NODE_IDENTITY		vmwareHostNodeIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_IP_POOL_POLICY_ID		VMWareIPPoolPolicy

Output	Description	Type
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_DV_PORT_GROUP_NAME		dvPortGroupName
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IP		StaticPoolIP
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPool PolicyIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_STATIC_POOL_IPS_ALLOCATED		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_MTU_SIZE		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Host VMKernel Port VSAN Traffic.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Hosts to DVSwitch.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Hosts to DVSwitch.OUTPUT_DATACENTER_NAME		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Hosts to DVSwitch.OUTPUT_DVSWITCH_NAME		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Hosts to DVSwitch.OUTPUT_HOST_LIST		vmwareHostMultiSelect
AddHosttoVirtualSANDvSwitchNetwork_1935.Add Hosts to DVSwitch.OUTPUT_VDS_UPLINK_PORTGROUP_NAME		uplinkPortGroupLovList
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_vMotionDvPortGroupCheckTask_1267.vMotionPortGroup Mandatory		VMwareDVPortgroup Identity
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_vMotionDvPortGroupCheckTask_1267.vMotionIPPoolPolicy Mandatory		VMWareIPPoolPolicy
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_Get DatacenterAndAccountFromDatacenterIdentity_2910. DatacenterName		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_Get DatacenterAndAccountFromDatacenterIdentity_2910. AccountName		vmwareAccountName
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_Get HostNodeMultiSelectorFromHostNodeIdentity_2911.Host NodeMultiSelector		vmwareHostMultiSelect

Output	Description	Type
AddHosttoVirtualSANDvSwitchNetwork_1935.custom_GetHostNodeIdentity_1946.OUTPUT_HOSTNODE_IDENTITY		vmwareHostNodeIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.out_clusterName		gen_text_input
AddHosttoVirtualSANDvSwitchNetwork_1935.out_HostName		vmHost
AddHosttoVirtualSANDvSwitchNetwork_1935.out_dvSwitchName		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1935.out_dvSwitchFrmAddHostTodvswitch		dvSwitchName
AddHosttoVirtualSANDvSwitchNetwork_1935.out_dvswitchIdentity		VMwareDVSwitchIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.OUT_DataCenter_Name		datacenterName
AddHosttoVirtualSANDvSwitchNetwork_1935.OUT_Account_Name		vmwareAccountName
AddHosttoVirtualSANDvSwitchNetwork_1935.OUT_UplinkPortGrp		uplinkPortGroupLovList
AddHosttoVirtualSANDvSwitchNetwork_1935.OUT_portGrpIdentity		VMwareDVPortgroupIdentity
AddHosttoVirtualSANDvSwitchNetwork_1935.OUT_ClusterIdentity		vmwareClusterIdentity
custom_GetDVSwitchandDVPortGroup_1936.OUTPUT_DVSwitch		dvSwitchName
custom_GetDVSwitchandDVPortGroup_1936.OUTPUT_VirtualSANPortGroup		VMwareDVPortgroupIdentity
custom_GetDVSwitchandDVPortGroup_1936.OUTPUT_DVSwitchUplinkPortGroupMandatory		uplinkPortGroupLovList
custom_GetDVSwitchandDVPortGroup_1936.OUTPUT_VMotionPortgroup		VMwareDVPortgroupIdentity
custom_HAEnableCheck_4066.CLUSTER_IDENTITY		vmwareClusterIdentity
custom_HAEnableCheck_4066.HA_CURRENT_VALUE		Boolean
custom_HAEnableCheck_4066.HOST_ISOLATION_RESPONSE		gen_text_input
custom_HAEnableCheck_4066.DATASTORE_HEARTBEAT		gen_text_input
custom_HAEnableCheck_4066.VM_MONITORING		gen_text_input
custom_HAEnableCheck_4066.ADMISSION_CONTROL		Boolean

Output	Description	Type
custom_HAEnableCheck_4066.HOST_MONITORING		gen_text_input
custom_HAEnableCheck_4066.HA_ROLLBACK_VALUE		Boolean
Enable/DisableHA_4347.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
Enable/DisableHA_4347.OUTPUT_DATACENTER_NAME		datacenterName
Enable/DisableHA_4347.OUTPUT_CLUSTER_NAME		gen_text_input
Enable/DisableHA_4347.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
Enable/DisableHA_4348.OUTPUT_VMWARE_ACCOUNT_NAME		gen_text_input
Enable/DisableHA_4348.OUTPUT_DATACENTER_NAME		datacenterName
Enable/DisableHA_4348.OUTPUT_CLUSTER_NAME		gen_text_input
Enable/DisableHA_4348.OUTPUT_CLUSTER_IDENTITY		vmwareClusterIdentity
out_clusterName		gen_text_input
out_HostName		vmHost
out_dvSwitchName		dvSwitchName
out_dvSwitchFrmAddHostTodvswitch		dvSwitchName
out_dvswitchIdentity		VMwareDVSwitchIdentity
OUT_DataCenter_Name		datacenterName
OUT_Account_Name		vmwareAccountName
OUT_UplinkPortGrp		uplinkPortGroupLovList
OUT_portGrpIdentity		VMwareDVPortgroup Identity
OUT_ClusterIdentity		vmwareClusterIdentity

Install ESXi on SD Card

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server	Select UCS Server	UCS Server Identity	Y
Organization		UCS Organization Identity	Y
Service Profile Template		UCS Service Profile Template Identity	Y
LAN Boot Policy		UCS Boot Policy Identity	Y
Scrub Policy		UCS Scrub Policy Identity	Y
Management VLAN		Generic Text Input	Y
DNS Server Name	Ex : 172.1.1.1	Generic Text Input	Y
Timezone		Timezone	Y
Host Name		Generic Text Input	Y
OS Type		OS Type	Y
OS Root Password		Password	Y
BMA Server		BMA Server	Y
Server Address		Generic Text Input	Y
Server NetMask		Generic Text Input	Y
Server Gateway		Generic Text Input	Y
Server Model		Generic Text Input	Y
Service Profile Name Prefix		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
UCSBladePowerONAction_701.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
UCSBladePowerONAction_701.SERVER_IDENTITY		ucsServerIdentity
UCSBladePowerONAction_705.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
UCSBladePowerONAction_705.SERVER_IDENTITY		ucsServerIdentity

Output	Description	Type
CreateServiceProfilefromtemplate_437.ALL_SERVICEPROFILE_NAMES		ucs_service_profile
CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
CreateServiceProfilefromtemplate_437.ACCOUNT_NAME		ucsAccountName
CreateServiceProfilefromtemplate_437.ORGANIZATION_IDENTITY		ucsOrganizationIdentity
CreateServiceProfilefromtemplate_437.BOOT_POLICY_IDENTITY		ucsBootPolicyIdentity
CreateServiceProfilefromtemplate_437.SCRUB_POLICY_IDENTITY		ucsScrubPolicyIdentity
CreateServiceProfilefromtemplate_437.UCS_SERVICE_PROFILE_OPER_STATE		ucsServiceProfileOperState
CreateServiceProfilefromtemplate_437.OP_CSV_SP_VHBAs		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA1		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA2		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA3		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA4		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA5		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA6		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA7		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA8		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA9		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA10		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VSAN1		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VSAN2		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VSAN3		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VSAN4		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA1_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA2_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA3_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA4_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA5_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA6_VSAN		gen_text_input

Output	Description	Type
CreateServiceProfilefromtemplate_437.SP_VHBA7_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA8_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA9_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA10_VSAN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SERVICE_PROFILE_WWN_LIST		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA1_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA2_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA3_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA4_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA5_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA6_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA7_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA8_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA9_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA10_WWN		gen_text_input
CreateServiceProfilefromtemplate_437.SERVICEPROFILE_NAME		ucs_service_profile
CreateServiceProfilefromtemplate_437.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_NAME		gen_text_input
CreateServiceProfilefromtemplate_437.ALL_SERVICE_PROFILE_NAMES		gen_text_input
CreateServiceProfilefromtemplate_437.ALL_SERVICE_PROFILE_ACCOUNTNAME_DNS		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC1		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC2		gen_text_input

Output	Description	Type
CreateServiceProfilefromtemplate_437.SP_VNIC3		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC4		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC5		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC6		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC7		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC8		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC9		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC10		gen_text_input
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY1		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY2		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY3		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY4		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY5		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY6		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY7		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY8		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY9		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY10		ucsServiceProfilevNICIdentity
CreateServiceProfilefromtemplate_437.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC1_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC2_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC3_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC4_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC5_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC6_MAC		gen_text_input

Output	Description	Type
CreateServiceProfilefromtemplate_437.SP_VNIC7_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC8_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC9_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VNIC10_MAC		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA1_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA2_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA3_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA4_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA5_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA6_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA7_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA8_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA9_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SP_VHBA10_WWPN		gen_text_input
CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
CreateServiceProfilefromtemplate_437.SERVER_IDENTITY		ucsServerIdentity
CreateServiceProfilefromtemplate_437.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
CreateServiceProfilefromtemplate_437.ISCSI_IQN		gen_text_input
CreateServiceProfilefromtemplate_437.ISCSI_ADDR		gen_text_input
CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_IP		StaticPoolIP
CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_SUBNET		subnetMask
CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_GATEWAY		gen_text_input

Output	Description	Type
CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_IP		StaticPoolIP
CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_SUBNET		subnetMask
CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_GATEWAY		gen_text_input
AssociateUCSServiceProfile_1145.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
AssociateUCSServiceProfile_1145.SERVER_IDENTITY		ucsServerIdentity
AssociateUCSServiceProfile_1145.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
AssociateUCSServiceProfile_1145.SERVER_QUALIFICATION_POLICY_IDENTITY		ucsServerPoolQualification Identity
SetupPXEBootforVirtualSAN_1907.OUTPUT_PXE_BOOT_ID		gen_text_input
SetupPXEBootforVirtualSAN_1907.OUTPUT_HOST_IP_ADDRESS		gen_text_input
Output_HostNodes		gen_text_input

Install ESXi on SD Card for Virtual SAN

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server	Select UCS Server	UCS Server Identity	Y
Organization		UCS Organization Identity	Y
Service Profile Template		UCS Service Profile Template Identity	Y
LAN Boot Policy		UCS Boot Policy Identity	Y
Scrub Policy		UCS Scrub Policy Identity	Y
Management VLAN		Generic Text Input	Y
DNS Server Name	Ex : 172.1.1.1	Generic Text Input	Y
Timezone		Timezone	Y
Host Name		Generic Text Input	Y
OS Type		OS Type	Y
OS Root Password		Password	Y
BMA Server		BMA Server	Y
Server Address		Generic Text Input	Y
Server NetMask		Generic Text Input	Y
Server Gateway		Generic Text Input	Y
Server Model		Generic Text Input	Y
Server Profile Name Prefix		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
InstallESXionSDCard_1040.SUB_SR_ID		serviceRequestId
InstallESXionSDCard_1040.UCSBladePowerONAction_701.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
InstallESXionSDCard_1040.UCSBladePowerONAction_701.SERVER_IDENTITY		ucsServerIdentity

Output	Description	Type
InstallESXionSDCard_1040.UCSBladePowerONAction_705.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
InstallESXionSDCard_1040.UCSBladePowerONAction_705.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.ALL_SERVICEPROFILE_NAMES		ucs_service_profile
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.ACCOUNT_NAME		ucsAccountName
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.ORGANIZATION_IDENTITY		ucsOrganizationIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.BOOT_POLICY_IDENTITY		ucsBootPolicyIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SCRUB_POLICY_IDENTITY		ucsScrubPolicyIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.UCS_SERVICE_PROFILE_OPER_STATE		ucsServiceProfileOper State
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.OP_CSV_SP_VHBAs		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA1		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA2		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA3		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA4		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA5		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA6		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA7		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA8		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA9		gen_text_input

Output	Description	Type
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA10		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VSAN1		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VSAN2		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VSAN3		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VSAN4		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA1_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA2_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA3_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA4_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA5_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA6_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA7_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA8_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA9_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.SP_VHBA10_VSAN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SERVICE_PROFILE_ WWN_LIST		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA1_WWN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA2_WWN		gen_text_input
InstallESXiSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA3_WWN		gen_text_input

Output	Description	Type
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA4_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA5_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA6_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA7_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA8_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA9_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA10_WWN		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SERVICEPROFILE_NAME		ucs_service_profile
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.UCS_MULTI_SERVICE_PROFILE_ IDENTITY		ucsMultiServiceProfile Identity
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SERVICE_PROFILE_NAME		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.ALL_SERVICE_PROFILE_NAMES		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.ALL_SERVICE_PROFILE_ ACCOUNTNAME_DNS		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC1		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC2		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC3		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC4		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC5		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC6		gen_text_input
InstallESXionSDCard_1040.CreateService Profilefromtemplate_437.SP_VNIC7		gen_text_input

Output	Description	Type
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC8		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC9		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC10		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY1		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY2		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY3		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY4		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY5		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY6		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY7		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY8		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY9		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY10		ucsServiceProfilevNICIdentity
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC1_MAC		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC2_MAC		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC3_MAC		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC4_MAC		gen_text_input
InstallESXiSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC5_MAC		gen_text_input

Output	Description	Type
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC6_MAC		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC7_MAC		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC8_MAC		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC9_MAC		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VNIC10_MAC		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA1_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA2_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA3_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA4_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA5_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA6_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA7_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA8_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA9_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_VHBA10_WWPN		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.ISCSI_IQN		gen_text_input

Output	Description	Type
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.ISCSI_ADDR		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_IP		StaticPoolIP
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_SUBNET		subnetMask
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_GATEWAY		gen_text_input
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_IP		StaticPoolIP
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_SUBNET		subnetMask
InstallESXionSDCard_1040.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_GATEWAY		gen_text_input
InstallESXionSDCard_1040.AssociateUCSServiceProfile_1145.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXionSDCard_1040.AssociateUCSServiceProfile_1145.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1040.AssociateUCSServiceProfile_1145.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1040.AssociateUCSServiceProfile_1145.SERVER_QUALIFICATION_POLICY_IDENTITY		ucsServerPoolQualificationIdentity
InstallESXionSDCard_1040.SetupPXEBootforVirtualSAN_1907.OUTPUT_PXE_BOOT_ID		gen_text_input
InstallESXionSDCard_1040.SetupPXEBootforVirtualSAN_1907.OUTPUT_HOST_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1040.Output_HostNodes		gen_text_input
Output_HostNodes		gen_text_input

Install ESXi on SD Card for Virtual SAN using UCSC

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server		UCS Central Server Identity	Y
Organization		UCS Central Organization Identity	Y
Service Profile Template		UCS Central Service Profile Template Identity	Y
Server Profile Name Prefix		Generic Text Input	Y
LAN Boot Policy		UCS Central Boot Policy Identity	Y
Scrub Policy		UCS CENTRAL SCRUB POLICY IDENTITY	Y
Management VLAN		Generic Text Input	Y
DNS Server Name	Ex : 172.1.1.1	Generic Text Input	Y
Timezone		Timezone	Y
Host Name		Generic Text Input	Y
OS Type		OS Type	Y
OS Root Password		Password	Y
BMA Server		BMA Server	Y
Server Address		Generic Text Input	Y
Server NetMask		Generic Text Input	Y
Server Gateway		Generic Text Input	Y
Server Model		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
InstallESXi on SD Card using UCSC_1692.SUB_SR_ID		serviceRequestId
InstallESXi on SD Card using UCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_UUID_POOL_IDENTITY		ucsCentralUuidPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY		ucsCentralVlanIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_IQN_POOL_IDENTITY		ucsCentralIqnPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_BIOS_POLICY_IDENTITY		ucsCentralBiosPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_IPMI_POLICY_IDENTITY		ucsCentralIpmiPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_SOL_POLICY_IDENTITY		ucsCentralSolPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY		ucsCentralHostfirmwarePolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalService Profile_1619.UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY		ucsCentralMaintenancePolicyIdentity

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1619.UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY		ucsCentralPowercontrolPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1619.UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY		UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1619.UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY		ucsCentralLocalDiskConfigurationPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1619.ucsCentralvMediaPolicy		ucsCentralvMediaPolicy
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVER_IDENTITY		ucsCentralServerIdentity
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXionSDCardusingUCSC_1692.AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY
InstallESXionSDCardusingUCSC_1692.SetupPXEBootforVirtualSAN_1621.OUTPUT_PXE_BOOT_ID		gen_text_input
InstallESXionSDCardusingUCSC_1692.SetupPXEBootforVirtualSAN_1621.OUTPUT_HOST_IP_ADDRESS		gen_text_input
InstallESXionSDCardusingUCSC_1692.PowerOnGlobalServiceProfile_1623.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_UUID_POOL_IDENTITY		ucsCentralUuidPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY		ucsCentralManagementipPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY		ucsCentralVlanIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_IQN_POOL_IDENTITY		ucsCentralIqnPoolIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_BIOS_POLICY_IDENTITY		ucsCentralBiosPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_IPMI_POLICY_IDENTITY		ucsCentralIpmiPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SOL_POLICY_IDENTITY		ucsCentralSolPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY		ucsCentralHostfirmwarePolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY		ucsCentralMaintenancePolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY		ucsCentralPowercontrolPolicyIdentity

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY		UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY		ucsCentralLocalDiskConfigurationPolicyIdentity
InstallESXionSDCardusingUCSC_1692.ModifyGlobalServiceProfile_1626.ucsCentralvMediaPolicy		ucsCentralvMediaPolicy
InstallESXionSDCardusingUCSC_1692.PowerOnGlobalServiceProfile_1627.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.ALL_SERVICEPROFILE_NAMES		ucs_service_profile
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVER_IDENTITY		ucsCentralServerIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.ACCOUNT_NAME		ucsAccountName
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.BOOT_POLICY_IDENTITY		ucsBootPolicyIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SCRUB_POLICY_IDENTITY		ucsScrubPolicyIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OP_CSV_SP_VHBAs		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1		gen_text_input

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA8		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA9		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA10		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN1		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN2		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN3		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN4		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6_VSAN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7_VSAN		gen_text_input

Output	Description	Type
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.SP_VHBA8_VSAN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.SP_VHBA9_VSAN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.SP_VHBA10_VSAN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SERVICE_PROFILE_WWN_LIST		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA1_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA2_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA3_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA4_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA5_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA6_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA7_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA8_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA9_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.OUTPUT_SP_VHBA10_WWN		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.SERVICEPROFILE_NAME		ucs_service_profile
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfile Identity
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.SERVICE_PROFILE_NAME		gen_text_input
InstallESXi on SD Card using UCSC_1692.CreateGlobalService Profile from Template_1631.ALL_SERVICE_PROFILE_NAMES		gen_text_input

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.ALL_SERVICE_PROFILE_ACCOUNTNAME_DNS		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC1		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC2		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC3		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC4		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC5		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC6		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC7		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC8		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC9		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC10		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY1		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY2		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY3		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY4		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY5		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY6		ucsCentralServiceProfilevNICIdentity

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY7		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY8		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY9		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY10		ucsCentralServiceProfilevNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC1_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC2_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC3_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC4_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC5_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC6_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC7_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC8_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC9_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC10_MAC		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3_WWPN		gen_text_input

Output	Description	Type
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA8_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA9_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA10_WWPN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.ISCSI_IQN		gen_text_input
InstallESXionSDCardusingUCSC_1692.CreateGlobalServiceProfilefromTemplate_1631.ISCSI_ADDR		gen_text_input
Output_HostNodes		gen_text_input

Install ESXi on SD Card using UCSC

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server		UCS Central Server Identity	Y
Organization		UCS Central Organization Identity	Y
Service Profile Template		UCS Central Service Profile Template Identity	Y
Service Profile Name Prefix		Generic Text Input	Y
LAN Boot Policy		UCS Central Boot Policy Identity	Y
Scrub Policy		UCS CENTRAL SCRUB POLICY IDENTITY	Y
Management VLAN		Generic Text Input	Y
DNS Server Name	Ex : 172.1.1.1	Generic Text Input	Y
TimeZone		Timezone	Y
Host Name		Generic Text Input	Y
OS Type		OS Type	Y
OS Root Password		Password	Y
BMA Server		BMA Server	Y
Server Address		Generic Text Input	Y
Server NetMask		Generic Text Input	Y
Server Gateway		Generic Text Input	Y
Server Model		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_UUID_POOL_IDENTITY		ucsCentralUuidPoolIdentity

Output	Description	Type
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY		ucsCentralVlanIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_IQN_POOL_IDENTITY		ucsCentralIqnPoolIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_BIOS_POLICY_IDENTITY		ucsCentralBiosPolicyIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_IPMI_POLICY_IDENTITY		ucsCentralIpmiPolicyIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_SOL_POLICY_IDENTITY		ucsCentralSolPolicyIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY		ucsCentralHostfirmwarePolicy Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY		ucsCentralMaintenancePolicy Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY		ucsCentralPowercontrolPolicy Identity
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY		UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
ModifyGlobalServiceProfile_1619.UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY		ucsCentralLocalDisk ConfigurationPolicyIdentity
ModifyGlobalServiceProfile_1619.ucsCentralvMedia Policy		ucsCentralvMediaPolicy

Output	Description	Type
AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVER_IDENTITY		ucsCentralServerIdentity
AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
AssociateGlobalServiceProfile_1620.SERVER_IDENTITY		ucsServerIdentity
AssociateGlobalServiceProfile_1620.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
AssociateGlobalServiceProfile_1620.UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY
SetupPXEBootforVirtualSAN_1621.OUTPUT_PXE_BOOT_ID		gen_text_input
SetupPXEBootforVirtualSAN_1621.OUTPUT_HOST_IP_ADDRESS		gen_text_input
PowerOnGlobalServiceProfile_1623.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_UUID_POOL_IDENTITY		ucsCentralUuidPoolIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY		ucsCentralManagementipPool Identity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY		ucsCentralVlanIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_IQN_POOL_IDENTITY		ucsCentralIqnPoolIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY

Output	Description	Type
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY		UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_BIOS_POLICY_IDENTITY		ucsCentralBiosPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_IPMI_POLICY_IDENTITY		ucsCentralIpmiPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SOL_POLICY_IDENTITY		ucsCentralSolPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY		ucsCentralHostfirmwarePolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY		ucsCentralMaintenancePolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY		ucsCentralPowercontrolPolicyIdentity
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY		UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
ModifyGlobalServiceProfile_1626.UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY		ucsCentralLocalDiskConfigurationPolicyIdentity
ModifyGlobalServiceProfile_1626.ucsCentralvMediaPolicy		ucsCentralvMediaPolicy
PowerOnGlobalServiceProfile_1627.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
CreateGlobalServiceProfilefromTemplate_1631.ALL_SERVICEPROFILE_NAMES		ucs_service_profile
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVICE_PROFILE_IDENTITY		UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVER_IDENTITY		ucsCentralServerIdentity
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.ACCOUNT_NAME		ucsAccountName

Output	Description	Type
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_ORGANIZATION_IDENTITY		UCS_CENTRAL_ORGANIZATION_IDENTITY
CreateGlobalServiceProfilefromTemplate_1631.BOOT_POLICY_IDENTITY		ucsBootPolicyIdentity
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_BOOT_POLICY_IDENTITY		ucsCentralBootPolicyIdentity
CreateGlobalServiceProfilefromTemplate_1631.SCRUB_POLICY_IDENTITY		ucsScrubPolicyIdentity
CreateGlobalServiceProfilefromTemplate_1631.UCS_CENTRAL_SCRUB_POLICY_IDENTITY		ucsCentralScrubPolicyIdentity
CreateGlobalServiceProfilefromTemplate_1631.OP_CSV_SP_VHBAs		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA8		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA9		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA10		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN1		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN2		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN3		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VSAN4		gen_text_input

Output	Description	Type
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA8_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA9_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA10_VSAN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SERVICE_PROFILE_WWN_LIST		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA1_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA2_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA3_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA4_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA5_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA6_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA7_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA8_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA9_WWN		gen_text_input

Output	Description	Type
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VHBA10_WWN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SERVICEPROFILE_NAME		ucs_service_profile
CreateGlobalServiceProfilefromTemplate_1631.UCS_MULTI_SERVICE_PROFILE_IDENTITY		ucsMultiServiceProfileIdentity
CreateGlobalServiceProfilefromTemplate_1631.SERVICE_PROFILE_NAME		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.ALL_SERVICE_PROFILE_NAMES		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.ALL_SERVICE_PROFILE_ACCOUNTNAME_DNS		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC1		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC2		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC3		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC4		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC5		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC6		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC7		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC8		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC9		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC10		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY1		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY2		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY3		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY4		ucsCentralServiceProfilevNICIdentity

Output	Description	Type
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY5		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY6		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY7		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY8		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY9		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_SP_VNIC_IDENTITY10		ucsCentralServiceProfilevNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC1_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC2_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC3_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC4_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC5_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC6_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC7_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC8_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC9_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VNIC10_MAC		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA1_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA2_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA3_WWPN		gen_text_input

Output	Description	Type
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA4_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA5_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA6_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA7_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA8_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA9_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SP_VHBA10_WWPN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
CreateGlobalServiceProfilefromTemplate_1631.ISCSI_IQN		gen_text_input
CreateGlobalServiceProfilefromTemplate_1631.ISCSI_ADDR		gen_text_input

Install ESXi on SD Card with LSI Controller CLI

Summary

N.A

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server	Select UCS Server	UCS Server Identity	Y
Organization		UCS Organization Identity	Y
Service Profile Template		UCS Service Profile Template Identity	Y
LAN Boot Policy		UCS Boot Policy Identity	Y
Scrub Policy		UCS Scrub Policy Identity	Y
Management VLAN		Generic Text Input	Y
DNS Server Name	Ex : 172.1.1.1	Generic Text Input	Y
Timezone		Timezone	Y
Host Name		Generic Text Input	Y
OS Type		OS Type	Y
OS Root Password		Password	Y
BMA Server		BMA Server	Y
Server Address		Generic Text Input	Y
Server NetMask		Generic Text Input	Y
Server Gateway		Generic Text Input	Y
Service Profile Name Prefix		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
InstallESXionSDCard_1058.SUB_SR_ID		serviceRequestId
InstallESXionSDCard_1058.UCSBladePowerONAction_701.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
InstallESXionSDCard_1058.UCSBladePowerONAction_701.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1058.UCSBladePowerONAction_705.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity

Output	Description	Type
InstallESXionSDCard_1058.UCSBladePowerONAction_705.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.ALL_SERVICEPROFILE_NAMES		ucs_service_profile
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.ACCOUNT_NAME		ucsAccountName
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.ORGANIZATION_IDENTITY		ucsOrganizationIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.BOOT_POLICY_IDENTITY		ucsBootPolicyIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SCRUB_POLICY_IDENTITY		ucsScrubPolicyIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.UCS_SERVICE_PROFILE_OPER_STATE		ucsServiceProfileOper State
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OP_CSV_SP_VHBAs		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA1		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA2		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA3		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA4		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA5		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA6		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA7		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA8		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA9		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA10		gen_text_input

Output	Description	Type
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VSAN1		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VSAN2		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VSAN3		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VSAN4		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA1_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA2_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA3_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA4_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA5_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA6_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA7_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA8_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA9_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA10_VSAN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SERVICE_PROFILE_WWN_LIST		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA1_WWN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA2_WWN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA3_WWN		gen_text_input
InstallESXiSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VHBA4_WWN		gen_text_input

Output	Description	Type
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA5_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA6_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA7_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA8_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA9_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.OUTPUT_SP_VHBA10_WWN		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SERVICEPROFILE_NAME		ucs_service_profile
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.UCS_MULTI_SERVICE_PROFILE_ IDENTITY		ucsMultiServiceProfile Identity
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SERVICE_PROFILE_NAME		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.ALL_SERVICE_PROFILE_NAMES		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.ALL_SERVICE_PROFILE_ ACCOUNTNAME_DNS		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC1		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC2		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC3		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC4		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC5		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC6		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC7		gen_text_input
InstallESXionSDCard_1058.CreateService Profilefromtemplate_437.SP_VNIC8		gen_text_input

Output	Description	Type
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC9		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC10		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY1		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY2		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY3		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY4		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY5		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY6		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY7		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY8		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY9		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_SP_VNIC_IDENTITY10		ucsServiceProfilevNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC1_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC2_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC3_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC4_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC5_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC6_MAC		gen_text_input

Output	Description	Type
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC7_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC8_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC9_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VNIC10_MAC		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA1_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA2_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA3_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA4_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA5_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA6_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA7_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA8_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA9_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_VHBA10_WWPN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SERVICE_PROFILE_MULTI_VNIC_IDENTITY		ucsServiceProfileMultivNICIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.ISCSI_IQN		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.ISCSI_ADDR		gen_text_input

Output	Description	Type
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_IP		StaticPoolIP
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_SUBNET		subnetMask
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_PRIMARY_GATEWAY		gen_text_input
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_IP		StaticPoolIP
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_SUBNET		subnetMask
InstallESXionSDCard_1058.CreateServiceProfilefromtemplate_437.SP_iSCSI_SECONDARY_GATEWAY		gen_text_input
InstallESXionSDCard_1058.AssociateUCSServiceProfile_1145.OUTPUT_UCS_BLADE_MAC_ADDRESS		gen_text_input
InstallESXionSDCard_1058.AssociateUCSServiceProfile_1145.SERVER_IDENTITY		ucsServerIdentity
InstallESXionSDCard_1058.AssociateUCSServiceProfile_1145.UCS_SERVER_OUTBAND_MGMT_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1058.AssociateUCSServiceProfile_1145.SERVER_QUALIFICATION_POLICY_IDENTITY		ucsServerPoolQualificationIdentity
InstallESXionSDCard_1058.SetupPXEBootforVirtualSAN_1907.OUTPUT_PXE_BOOT_ID		gen_text_input
InstallESXionSDCard_1058.SetupPXEBootforVirtualSAN_1907.OUTPUT_HOST_IP_ADDRESS		gen_text_input
InstallESXionSDCard_1058.Output_HostNodes		gen_text_input
Output_HostNodes		gen_text_input

Private Network Onboarding

Summary

N.A

Description

Private Network Onboarding This compound workflow onboards the Private Networks - Create New Private Networks needed for the user - Creates L3 and L2 for each Private Network

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Id		APIC Device Tenant Identity	Y
VDC		Generic Text Input	Y
Resource Group Identity		Resource Group Identity	Y
OSPF Interface Policy		APIC Device Tenant OSPF Interface Identity	Y
Service Offering		Resource Group Service Offering	Y
Area ID		Generic Text Input	Y
Private Network Profile		privateNetworkProfileInputType	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
CreatePrivateNetwork_1383.APIC_ACCOUNT		ApicDeviceIdentity
CreatePrivateNetwork_1383.TENANT_NAME		gen_text_input
CreatePrivateNetwork_1383.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreatePrivateNetwork_1383.TENANT_PRIVATE_NETWORK		gen_text_input
CreatePrivateNetwork_1383.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
CreatePrivateNetwork_1383.DEVICE_TENANT_OSPF_IDENTITY		ApicDeviceTenantOSPFtimersIdentity
CreatePrivateNetwork_1383.DEVICE_TENANT_BGP_IDENTITY		ApicDeviceTenantBGPTimersIdentity
CreatePrivateNetwork_1383.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoringPolicyIdentity
StartLoop_1466.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_1466.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_1466.START_LOOP_OUTPUT		gen_text_input

Output	Description	Type
L3Lookup_1079.TENANT_IDENTITY		ApicDeviceTenantIdentity
L3Lookup_1079.TENANT_NAME		gen_text_input
L3Lookup_1079.OUTPUT_PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
L3Lookup_1079.PRIVATE_NETWORK_NAME		gen_text_input
L3Lookup_1079.L3_ROUTER_DOMAIN		ApicDeviceTenantRoutedDomainIdentity
L3Lookup_1079.AREA_ID		gen_text_input
L3Lookup_1079.ROUTER_IP_POOL		IPPoolPolicy
L3Lookup_1079.SVI_PATH		ApicDeviceStaticPathIdentity
L3Lookup_1079.SVI_IP_POOL		IPSubnetPoolPolicy
L3Lookup_1079.OUTPUT_L3_VLAN_POOL		gen_text_input
L3Lookup_1079.OUTPUT_NODE1_IDENTITY		ApicFabricNodeIdentity
L3Lookup_1079.OUTPUT_NODE2_IDENTITY		ApicFabricNodeIdentity
L3Lookup_1079.User_GROUP_ID		userGroup
L3TransitL2Lookup_1080.TENANT_IDENTITY		ApicDeviceTenantIdentity
L3TransitL2Lookup_1080.TENANT_NAME		gen_text_input
L3TransitL2Lookup_1080.VPC_PATH		ApicDeviceVPCStaticPathIdentity
L3TransitL2Lookup_1080.OUTPUT_L3_VLAN_POOL		gen_text_input
L3TransitL2Lookup_1080.OUTPUT_L2_TRANSIT_VLAN_POOL		gen_text_input
L3TransitL2Lookup_1080.TENANT_EPG_PATH1		gen_text_input
L3TransitL2Lookup_1080.TENANT_EPG_PATH2		gen_text_input
L3TransitL2Lookup_1080.PHYSICAL_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.SUB_SR_ID		serviceRequestId
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_PRIVATE_NETWORK		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_DOMAIN_IDENTITY		ApicDeviceTenantRoutedDomainIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY		ApicDeviceTagIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_OSPF_ID		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_OSPF_AREA_TYPE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalNodeProfileToExternalRoutedNetwork_1137.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileofExternalRoutedNetwork_1138.APIC_ACCOUNT		ApicDeviceIdentity

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_IDENTITY		ApicDeviceTenantLogicalNodeIdentity
PrivateNetworkOnboarding-L3Out_1344.StartLoop_1139.ITERATION_COUNT_OUTPUT		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.StartLoop_1139.ITERATION_INDEX_OUTPUT		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.StartLoop_1139.START_LOOP_OUTPUT		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1140.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1140.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1140.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileOfExternalRoutedNetwork_1140.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileofExternalRoutedNetwork_1140.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalNodeToLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_IDENTITY		ApicDeviceTenantLogicalNodeIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogicalInterfaceProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalOSPFInterfaceProfile_1142.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogicalOSPFInterfaceProfile_1142.TENANT_NAME		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical InterfaceProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.TENANT_LOGICAL_OSPF_INTERFACE_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.CreateLogical OSPFInterfaceProfile_1142.TENANT_LOGICAL_OSPF_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical OSPFInterfaceProfile Identity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical InterfaceProfileIdentity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.FABRIC_PHYSICAL_INTERFACE_IDENTITY		ApicFabricPhysical InterfaceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.FABRIC_PHYSICAL_SVI_INTERFACE_IDENTITY		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddInterfaceTo LogicalInterfaceProfile_1143.FABRIC_PHYSICAL_ROUTED_SUB_INTERFACE_IDENTITY		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.GenerateVLANfrompool_2063.OUTPUT_VLAN_ID		vlanID
PrivateNetworkOnboarding-L3Out_1344.GenerateVLANfrompool_2063.OUTPUT_DATACENTER_NAME		datacenterName
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternalNetworkInOutsideNetworkIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_ALIAS		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY		ApicDeviceTagIdentity
PrivateNetworkOnboarding-L3Out_1344.AddExternalNetworkToExternalRoutedNetwork_1177.QOS		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetworkIdentity
PrivateNetworkOnboarding-L3Out_1344.AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1209.IPAddress		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1209.SubnetMask		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1209.GateWayIP		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1210.IPAddress		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1210.SubnetMask		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetResolvedIPAddressFromIPPoolTask_1210.GateWayIP		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_BROADCAST_IP		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_GATEWAY_IP		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_NETWORK_IP		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_NETWORK_MASK		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_POOL_ID		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPoolPolicyIdentity
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_LABEL		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_GROUP_ID		userGroup

Output	Description	Type
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_IP_SUBNET_POOL_POLICY_IDENTITY		IPSubnetPoolPolicy
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_CONTAINER_ID		ServiceContainer
PrivateNetworkOnboarding-L3Out_1344.GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_USED_BY		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.IPAddress		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.SubnetMask		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.GateWayIP		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.IP Address with Slash Subnet		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.SubnetMask Bitwise Value		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.OUTPUT_USED_BY		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1658.OUTPUT_SUBNET_MASK		subnetMask
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.IPAddress		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.SubnetMask		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.GateWayIP		ipaddress
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.IP Address with Slash Subnet		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.SubnetMask Bitwise Value		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.OUTPUT_USED_BY		gen_text_input
PrivateNetworkOnboarding-L3Out_1344.GetIPAddressFromIPSubnet_1659.OUTPUT_SUBNET_MASK		subnetMask
PrivateNetworkOnboarding-L3Out_1344.ExternalRoutedNetworkIdentity		ApicDeviceTenantL3OutIdentity
PrivateNetworkOnboarding-L3Out_1344.ExternalNetworkIdentity		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.SUB_SR_ID		serviceRequestId
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.DEVICE_TENANT_MONITORING_POLICY		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoringPolicyIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreateTenantApplicationProfile_1125.DEVICE_TENANT_TAG_IDENTITY		ApicDeviceTagIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.TENANT_PRIVATE_NETWORK		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.DEVICE_TENANT_OSPF_IDENTITY		ApicDeviceTenantOSPFTimersIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.DEVICE_TENANT_BGP_IDENTITY		ApicDeviceTenantBGPTimersIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.CreatePrivateNetwork_1126.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoringPolicyIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.StartLoop_1127.ITERATION_COUNT_OUTPUT		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.Start Loop_1127.ITERATION_INDEX_OUTPUT		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Start Loop_1127.START_LOOP_OUTPUT		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create TenantBridgeDomain_1128.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create TenantBridgeDomain_1128.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create TenantBridgeDomain_1128.TENANT_BRIDGE_DOMAIN		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create TenantBridgeDomain_1128.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create TenantBridgeDomain_1128.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridge DomainIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantAppln ProfileIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_EPG		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.DEVICE_TENANT_TAG_IDENTITY		ApicDeviceTagIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.DEVICE_TENANT_MONITORING_POLICY		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenant MonitoringPolicyIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY		APIC Data Plane Policing Policy Identity

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.Create EPG_1129.OUTPUT_TENANT_FHS_TRUST_CONTROL_POLICY		APIC FHS Trust Control Policy Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantAppln ProfileIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStatic PathToEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1130.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1131.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStatic PathToEPG_1131.TENANT_NAME		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStaticPathToEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPathIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPathIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1131.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.TENANT_EPG		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.TENANT_EPG_IDENTITY		ApicDeviceTenant EPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.DOMAIN_TYPE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.DOMAIN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.DOMAIN_PROFILE_IDENTITY		ApicDeviceTenantDomain ToEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.APIC_DOMAIN_DVSWITCH_IDENTITY		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.APIC_DOMAIN_DVSWITCH_PORTGROUP_IDENTITY		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.EPG_VLAN_ID		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.EPG_INTEGER_VLAN_ID		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.EPG_INT		vlanID
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.APIC_DOMAIN_DVSWITCH_PORTGROUP		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.VMWARE_DVSWITCH_PORTGROUP_IDENTITY		VMwareDVPortgroup Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.EPG_DOMAIN_PROFILE_IDENTITY		ApicDeviceTenantDomain ProfileToEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.HYPER_V_VM_NETWORK_IDENTITY		hypervVMNetworkIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.OUTPUT_LOGICAL_NETWORK		hypervLogicalNetwork Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY		hypervLogicalNetworkDef Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.Add DomainToEPG_1132.TENANT_EPG_ENCAPSULATION		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.AddDomainToEPG_1132.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.GenerateVLANfrompool_2067.OUTPUT_VLAN_ID		vlanID
PrivateNetworkOnboarding-L3withTransitL2_1345.GenerateVLANfrompool_2067.OUTPUT_DATACENTER_NAME		datacenterName
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.APIC_ACCOUNT		ApicDeviceIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_NAME		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_IDENTITY		ApicDeviceTenantIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_APPLN_PROFILE		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStaticPathToEPGIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_ENCAPSULATION		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPathIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPathIdentity
PrivateNetworkOnboarding-L3withTransitL2_1345.AddStaticPathToEPG_1208.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input

Output	Description	Type
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1859.Static_Path_Interface		ApicDeviceStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1859.Static_Path_VPC		ApicDeviceVPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1859.Static_Path_DPC		ApicDeviceDPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1859.Path_Type		gen_text_input
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1860.Static_Path_Interface		ApicDeviceStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1860.Static_Path_VPC		ApicDeviceVPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1860.Static_Path_DPC		ApicDeviceDPCStaticPath Identity
PrivateNetworkOnboarding-L3withTransitL2_1345.custom_GetAPICStaticPathType_1860.Path_Type		gen_text_input
CreateIPPoolPolicyforSupernet_1656.PRIVATE_NETWORK_NAME		gen_text_input
CreateIPPoolPolicyforSupernet_1656.OUTPUT_SUPERNETS		gen_text_input
CreateIPPoolPolicyforSupernet_1656.OUTPUT_SUBNETS		gen_text_input
CreateIPPoolPolicyforSupernet_1656.OUTPUT_SUBNET_IP_POOL_POLICY		gen_text_input
CreateIPPoolPolicyforSupernet_1656.OUTPUT_SUPERNET_IP_POOL_POLICY		gen_text_input
AddPrivateNetworkProfile_5647.OUTPUT_SUBNETS		gen_text_input
AddPrivateNetworkProfile_5647.OUTPUT_SUPERNETS		gen_text_input
AddPrivateNetworkProfile_5647.OUTPUT_PRIVATE_NETWORK_NAMES		gen_text_input
AddPrivateNetworkProfile_5647.OUTPUT_APIC_PRIVATE_NETWORK_PROFILE		gen_text_input

Private Network Onboarding - L3 Out

Summary

N.A

Description

Private Network Onboarding - L3 out This workflow creates L3 Out for APIC Tenant : - Generates Router Id, subnet for sub-interface, IP for sub-interface on Router, VLAN for sub-interface - Creates External Routed Network and adds External Network to it - Creates Logical Node Profiles and add Logical Nodes and Interfaces to it - Creates OSPF Connectivity to Node

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Id		APIC Device Tenant Identity	Y
Private Network Id		APIC Device Tenant Private Network Identity	Y
Tenant Name		Generic Text Input	Y
Private Network Name		Generic Text Input	Y
L3 Router Domain		APIC Device Tenant Routed Domain Identity	Y
Area Id		Generic Text Input	Y
Router IP Pool		IP Pool Selector	Y
Node 1		APIC Device Fabric Node Identity	Y
Node 2		APIC Device Fabric Node Identity	Y
VLAN Pool		Generic Text Input	Y
SVI Path		APIC Device Tenant Static Path Identity	Y
OSPF Interface Policy		APIC Device Tenant OSPF Interface Identity	Y
IP Subnet Pool Policy		IP Subnet Pool Policy Identity	Y
User Group Id		User Group	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
AddExternalRoutedNetwork_1136.APIC_ACCOUNT		ApicDeviceIdentity
AddExternalRoutedNetwork_1136.TENANT_NAME		gen_text_input
AddExternalRoutedNetwork_1136.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddExternalRoutedNetwork_1136.TENANT_PRIVATE_NETWORK		gen_text_input
AddExternalRoutedNetwork_1136.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity

Output	Description	Type
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_ROUTED_DOMAIN_IDENTITY		ApicDeviceTenantRouted DomainIdentity
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY		ApicDeviceTagIdentity
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_OSPF_ID		gen_text_input
AddExternalRoutedNetwork_1136.TENANT_EXTERNAL_NETWORK_OSPF_AREA_TYPE		gen_text_input
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_NAME		gen_text_input
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
CreateLogicalNodeProfileToExternalRoutedNetwork_1137.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRouted Network_1138.APIC_ACCOUNT		ApicDeviceIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRouted Network_1138.TENANT_NAME		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRouted Network_1138.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRouted Network_1138.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRouted Network_1138.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity

Output	Description	Type
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1138.OUTPUT_TENANT_LOGICAL_NODE_IDENTITY		ApicDeviceTenantLogicalNodeIdentity
StartLoop_1139.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_1139.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_1139.START_LOOP_OUTPUT		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.APIC_ACCOUNT		ApicDeviceIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.TENANT_NAME		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogicalNodeProfileIdentity
AddLogicalNodetoLogicalNodeProfileofExternalRoutedNetwork_1140.OUTPUT_TENANT_LOGICAL_NODE_IDENTITY		ApicDeviceTenantLogicalNodeIdentity
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.APIC_ACCOUNT		ApicDeviceIdentity
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_NAME		gen_text_input
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input

Output	Description	Type
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_NODE_PROFILE		gen_text_input
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_NAME		gen_text_input
AddLogicalInterfaceProfileToLogicalNodeProfile_1141.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical InterfaceProfileIdentity
CreateLogicalOSPFIProfile_1142.APIC_ACCOUNT		ApicDeviceIdentity
CreateLogicalOSPFIProfile_1142.TENANT_NAME		gen_text_input
CreateLogicalOSPFIProfile_1142.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateLogicalOSPFIProfile_1142.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
CreateLogicalOSPFIProfile_1142.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity
CreateLogicalOSPFIProfile_1142.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical InterfaceProfileIdentity
CreateLogicalOSPFIProfile_1142.TENANT_LOGICAL_OSPF_INTERFACE_PROFILE		gen_text_input
CreateLogicalOSPFIProfile_1142.TENANT_LOGICAL_OSPF_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogical OSPFIProfileIdentity
AddInterfaceToLogicalInterfaceProfile_1143.APIC_ACCOUNT		ApicDeviceIdentity
AddInterfaceToLogicalInterfaceProfile_1143.TENANT_NAME		gen_text_input
AddInterfaceToLogicalInterfaceProfile_1143.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddInterfaceToLogicalInterfaceProfile_1143.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
AddInterfaceToLogicalInterfaceProfile_1143.OUTPUT_TENANT_LOGICAL_NODE_PROFILE_IDENTITY		ApicDeviceTenantLogical NodeProfileIdentity

Output	Description	Type
AddInterfaceToLogicalInterfaceProfile_1143.OUTPUT_TENANT_LOGICAL_INTERFACE_PROFILE_IDENTITY		ApicDeviceTenantLogicalInterfaceProfileIdentity
AddInterfaceToLogicalInterfaceProfile_1143.FABRIC_PHYSICAL_INTERFACE_IDENTITY		ApicFabricPhysicalInterfaceIdentity
AddInterfaceToLogicalInterfaceProfile_1143.FABRIC_PHYSICAL_SVI_INTERFACE_IDENTITY		gen_text_input
AddInterfaceToLogicalInterfaceProfile_1143.FABRIC_PHYSICAL_ROUTED_SUB_INTERFACE_IDENTITY		gen_text_input
GenerateVLANfrompool_2063.OUTPUT_VLAN_ID		vlanID
GenerateVLANfrompool_2063.OUTPUT_DATACENTER_NAME		datacenterName
AddExternalNetworkToExternalRoutedNetwork_1177.APIC_ACCOUNT		ApicDeviceIdentity
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_NAME		gen_text_input
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3OutIdentity
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity
AddExternalNetworkToExternalRoutedNetwork_1177.DEVICE_EXTERNAL_NETWORK_IN_OUTSIDE_NETWORK_IDENTITY		ApicDeviceExternalNetworkInOutsideNetworkIdentity
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_ALIAS		gen_text_input
AddExternalNetworkToExternalRoutedNetwork_1177.TENANT_EXTERNAL_NETWORK_TAGS_IDENTITY		ApicDeviceTagIdentity
AddExternalNetworkToExternalRoutedNetwork_1177.QOS		gen_text_input
AddSubnetToExternalNetwork_1178.APIC_ACCOUNT		ApicDeviceIdentity
AddSubnetToExternalNetwork_1178.TENANT_NAME		gen_text_input
AddSubnetToExternalNetwork_1178.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_ROUTED_NETWORK_NAME		gen_text_input

Output	Description	Type
AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_ROUTED_NETWORK_IDENTITY		ApicDeviceTenantL3Out Identity
AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_NAME		gen_text_input
AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_IDENTITY		ApicDeviceExternalNetwork Identity
AddSubnetToExternalNetwork_1178.TENANT_EXTERNAL_NETWORK_SUBNET_ADDRESS		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1209.IPAddress		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1209.SubnetMask		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1209.GateWayIP		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1210.IPAddress		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1210.SubnetMask		gen_text_input
GetResolvedIPAddressFromIPPoolTask_1210.GateWayIP		gen_text_input
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_BROADCAST_IP		ipaddress
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_GATEWAY_IP		ipaddress
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_NETWORK_IP		ipaddress
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_NETWORK_MASK		ipaddress
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_POOL_ID		gen_text_input
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_ID		IpSubnetInIPSubnetPool PolicyIdentity
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_SUBNET_LABEL		gen_text_input
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_GROUP_ID		userGroup
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_IP_SUBNET_POOL_POLICY_IDENTITY		IPSubnetPoolPolicy
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_CONTAINER_ID		ServiceContainer
GetIPSubnetFromIPSubnetPoolPolicy_1657.OUTPUT_USED_BY		gen_text_input
GetIPAddressFromIPSubnet_1658.IPAddress		ipaddress
GetIPAddressFromIPSubnet_1658.SubnetMask		ipaddress

Output	Description	Type
GetIPAddressFromIPSubnet_1658.GateWayIP		ipaddress
GetIPAddressFromIPSubnet_1658.IP Address with Slash Subnet		gen_text_input
GetIPAddressFromIPSubnet_1658.SubnetMask Bitwise Value		gen_text_input
GetIPAddressFromIPSubnet_1658.OUTPUT_USED_BY		gen_text_input
GetIPAddressFromIPSubnet_1658.OUTPUT_SUBNET_MASK		subnetMask
GetIPAddressFromIPSubnet_1659.IPAddress		ipaddress
GetIPAddressFromIPSubnet_1659.SubnetMask		ipaddress
GetIPAddressFromIPSubnet_1659.GateWayIP		ipaddress
GetIPAddressFromIPSubnet_1659.IP Address with Slash Subnet		gen_text_input
GetIPAddressFromIPSubnet_1659.SubnetMask Bitwise Value		gen_text_input
GetIPAddressFromIPSubnet_1659.OUTPUT_USED_BY		gen_text_input
GetIPAddressFromIPSubnet_1659.OUTPUT_SUBNET_MASK		subnetMask
ExternalRoutedNetworkIdentity		ApicDeviceTenantL3Out Identity
ExternalNetworkIdentity		ApicTenantExternalNetwork ToExternalRoutedNetwork Identity

Private Network Onboarding - L3 with Transit L2

Summary

N.A

Description

Private Network Onboarding - L3 with Transit L2 This workflow creates L2 Out for APIC Tenant : - Creates L2 Bridge Domain for Tenant - Creates L2 EPG for Tenant - Adds static path for Port Channels and their vlans to EPG - Adds Physical Domain to EPG

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Identity		APIC Device Tenant Identity	Y
VPC		APIC Device Tenant VPC Static Path Identity	Y
Domain Profile		APIC Device Domain Profile Identity	Y
TenantName		Generic Text Input	Y
VLAN Pool		Generic Text Input	Y
PrivateNetwork		Generic Text Input	Y
Path1		Generic Text Input	Y
Path2		Generic Text Input	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
CreateTenantApplicationProfile_1125.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantApplicationProfile_1125.TENANT_NAME		gen_text_input
CreateTenantApplicationProfile_1125.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantApplicationProfile_1125.TENANT_APPLN_PROFILE		gen_text_input
CreateTenantApplicationProfile_1125.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfile Identity
CreateTenantApplicationProfile_1125.DEVICE_TENANT_MONITORING_POLICY		gen_text_input
CreateTenantApplicationProfile_1125.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoring PolicyIdentity
CreateTenantApplicationProfile_1125.DEVICE_TENANT_TAG_IDENTITY		ApicDeviceTagIdentity

Output	Description	Type
CreatePrivateNetwork_1126.APIC_ACCOUNT		ApicDeviceIdentity
CreatePrivateNetwork_1126.TENANT_NAME		gen_text_input
CreatePrivateNetwork_1126.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreatePrivateNetwork_1126.TENANT_PRIVATE_NETWORK		gen_text_input
CreatePrivateNetwork_1126.PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
CreatePrivateNetwork_1126.DEVICE_TENANT_OSPF_IDENTITY		ApicDeviceTenantOSPFTimersIdentity
CreatePrivateNetwork_1126.DEVICE_TENANT_BGP_IDENTITY		ApicDeviceTenantBGPTimersIdentity
CreatePrivateNetwork_1126.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoringPolicyIdentity
StartLoop_1127.ITERATION_COUNT_OUTPUT		gen_text_input
StartLoop_1127.ITERATION_INDEX_OUTPUT		gen_text_input
StartLoop_1127.START_LOOP_OUTPUT		gen_text_input
CreateTenantBridgeDomain_1128.APIC_ACCOUNT		ApicDeviceIdentity
CreateTenantBridgeDomain_1128.TENANT_NAME		gen_text_input
CreateTenantBridgeDomain_1128.TENANT_BRIDGE_DOMAIN		gen_text_input
CreateTenantBridgeDomain_1128.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateTenantBridgeDomain_1128.TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity
CreateEPG_1129.APIC_ACCOUNT		ApicDeviceIdentity
CreateEPG_1129.TENANT_NAME		gen_text_input
CreateEPG_1129.TENANT_IDENTITY		ApicDeviceTenantIdentity
CreateEPG_1129.TENANT_APPLN_PROFILE		gen_text_input
CreateEPG_1129.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
CreateEPG_1129.TENANT_EPG		gen_text_input
CreateEPG_1129.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
CreateEPG_1129.DEVICE_TENANT_TAG_IDENTITY		ApicDeviceTagIdentity
CreateEPG_1129.DEVICE_TENANT_MONITORING_POLICY		gen_text_input

Output	Description	Type
CreateEPG_1129.DEVICE_TENANT_MONITORING_POLICY_IDENTITY		ApicDeviceTenantMonitoringPolicyIdentity
CreateEPG_1129.OUTPUT_TENANT_DATA_PLANE_POLICING_POLICY		APIC Data Plane Policing Policy Identity
CreateEPG_1129.OUTPUT_TENANT_FHS_TRUST_CONTROL_POLICY		APIC FHS Trust Control Policy Identity
AddStaticPathToEPG_1130.APIC_ACCOUNT		ApicDeviceIdentity
AddStaticPathToEPG_1130.TENANT_NAME		gen_text_input
AddStaticPathToEPG_1130.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddStaticPathToEPG_1130.TENANT_APPLN_PROFILE		gen_text_input
AddStaticPathToEPG_1130.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddStaticPathToEPG_1130.TENANT_EPG		gen_text_input
AddStaticPathToEPG_1130.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddStaticPathToEPG_1130.TENANT_EPG_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1130.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStaticPathToEPGIdentity
AddStaticPathToEPG_1130.TENANT_EPG_ENCAPSULATION		gen_text_input
AddStaticPathToEPG_1130.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1130.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPathIdentity
AddStaticPathToEPG_1130.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1130.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPathIdentity
AddStaticPathToEPG_1130.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
AddStaticPathToEPG_1131.APIC_ACCOUNT		ApicDeviceIdentity
AddStaticPathToEPG_1131.TENANT_NAME		gen_text_input
AddStaticPathToEPG_1131.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddStaticPathToEPG_1131.TENANT_APPLN_PROFILE		gen_text_input

Output	Description	Type
AddStaticPathToEPG_1131.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddStaticPathToEPG_1131.TENANT_EPG		gen_text_input
AddStaticPathToEPG_1131.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddStaticPathToEPG_1131.TENANT_EPG_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1131.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStaticPathToEPGIdentity
AddStaticPathToEPG_1131.TENANT_EPG_ENCAPSULATION		gen_text_input
AddStaticPathToEPG_1131.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1131.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPathIdentity
AddStaticPathToEPG_1131.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1131.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPathIdentity
AddStaticPathToEPG_1131.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
AddDomainToEPG_1132.APIC_ACCOUNT		ApicDeviceIdentity
AddDomainToEPG_1132.TENANT_NAME		gen_text_input
AddDomainToEPG_1132.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddDomainToEPG_1132.TENANT_APPLN_PROFILE		gen_text_input
AddDomainToEPG_1132.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddDomainToEPG_1132.TENANT_EPG		gen_text_input
AddDomainToEPG_1132.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddDomainToEPG_1132.DOMAIN_TYPE		gen_text_input
AddDomainToEPG_1132.DOMAIN_PROFILE		gen_text_input
AddDomainToEPG_1132.DOMAIN_PROFILE_IDENTITY		ApicDeviceTenantDomainToEPGIdentity
AddDomainToEPG_1132.APIC_DOMAIN_DVSWITCH_IDENTITY		gen_text_input
AddDomainToEPG_1132.APIC_DOMAIN_DVSWITCH_PORTGROUP_IDENTITY		gen_text_input

Output	Description	Type
AddDomainToEPG_1132.EPG_VLAN_ID		gen_text_input
AddDomainToEPG_1132.EPG_INTEGER_VLAN_ID		gen_text_input
AddDomainToEPG_1132.EPG_INT		vlanID
AddDomainToEPG_1132.APIC_DOMAIN_DVSWITCH_PORTGROUP		gen_text_input
AddDomainToEPG_1132.VMWARE_DVSWITCH_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
AddDomainToEPG_1132.EPG_DOMAIN_PROFILE_IDENTITY		ApicDeviceTenantDomainProfileToEPGIdentity
AddDomainToEPG_1132.HYPER_V_VM_NETWORK_IDENTITY		hypervVMNetworkIdentity
AddDomainToEPG_1132.OUTPUT_LOGICAL_NETWORK		hypervLogicalNetworkIdentity
AddDomainToEPG_1132.OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY		hypervLogicalNetworkDefIdentity
AddDomainToEPG_1132.TENANT_EPG_ENCAPSULATION		gen_text_input
AddDomainToEPG_1132.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
GenerateVLANfrompool_2067.OUTPUT_VLAN_ID		vlanID
GenerateVLANfrompool_2067.OUTPUT_DATACENTER_NAME		datacenterName
AddStaticPathToEPG_1208.APIC_ACCOUNT		ApicDeviceIdentity
AddStaticPathToEPG_1208.TENANT_NAME		gen_text_input
AddStaticPathToEPG_1208.TENANT_IDENTITY		ApicDeviceTenantIdentity
AddStaticPathToEPG_1208.TENANT_APPLN_PROFILE		gen_text_input
AddStaticPathToEPG_1208.TENANT_APPLN_PROFILE_IDENTITY		ApicDeviceTenantApplnProfileIdentity
AddStaticPathToEPG_1208.TENANT_EPG		gen_text_input
AddStaticPathToEPG_1208.TENANT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
AddStaticPathToEPG_1208.TENANT_EPG_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1208.TENANT_EPG_STATIC_PATH_IDENTITY		ApicDeviceTenantStaticPathToEPGIdentity
AddStaticPathToEPG_1208.TENANT_EPG_ENCAPSULATION		gen_text_input

Output	Description	Type
AddStaticPathToEPG_1208.TENANT_EPG_DPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1208.TENANT_EPG_DPC_STATIC_PATH_IDENTITY		ApicDeviceDPCStaticPathIdentity
AddStaticPathToEPG_1208.TENANT_EPG_VPC_STATIC_PATH		gen_text_input
AddStaticPathToEPG_1208.TENANT_EPG_VPC_STATIC_PATH_IDENTITY		ApicDeviceVPCStaticPathIdentity
AddStaticPathToEPG_1208.OUTPUT_TENANT_PRIMARY_VLAN_EPG_ENCAPSULATION		gen_text_input
custom_GetAPICStaticPathType_1859.Static_Path_Interface		ApicDeviceStaticPathIdentity
custom_GetAPICStaticPathType_1859.Static_Path_VPC		ApicDeviceVPCStaticPathIdentity
custom_GetAPICStaticPathType_1859.Static_Path_DPC		ApicDeviceDPCStaticPathIdentity
custom_GetAPICStaticPathType_1859.Path_Type		gen_text_input
custom_GetAPICStaticPathType_1860.Static_Path_Interface		ApicDeviceStaticPathIdentity
custom_GetAPICStaticPathType_1860.Static_Path_VPC		ApicDeviceVPCStaticPathIdentity
custom_GetAPICStaticPathType_1860.Static_Path_DPC		ApicDeviceDPCStaticPathIdentity
custom_GetAPICStaticPathType_1860.Path_Type		gen_text_input

Provision VMware VM

Summary

N.A

Description

Provision VMware VM

Inputs

Input	Description	Mappable To Type	Mandatory
VM Deployment Options		Clone Type	Y
Select Catalog		Catalog Selector	
Override Catalog Category		Application Category List	
Select VM		VM Selector	
Select Image		VMWare Image Selector	
Select VDC		vDC Selector	Y
Use Linked Clone		Use Linked Clone	
Use Ready Clone		Boolean Input	
Select Existing Snapshot		Snapshot Selector	
Select Image Snapshot		Image Snapshot Selector	
New Snapshot Name		Generic Text Input	
VM Name or VM Prefix		Generic Text Input	
Comment		Generic Text Input	
Provision		Provision	
Provision Time		Datetime	
Power off VM		Power Off VM	
Days		Generic Text Input	
Hours		Generic Text Input	
CPU Cores		vCPU Selector	
Cores Per Socket	Cores Per Socket	Cores per Socket Selector	
Memory		Memory Size Selector	
VM Charge Frequency		VM Charge Frequency	
VM Disks		Generic Text Input	
VM Networks		Generic Text Input	
Select VDC Category		vDC Category	
Select Windows License Pool		Windows License Pool	

Input	Description	Mappable To Type	Mandatory
Select Credentials Options		Credential Options	
User ID		Generic Text Input	
Password		Password	
Provision all disks in single datastore		Provision All Disk in Same Datastore	
Enable Guest Customization		Enable Guest Customization	
Enable PostProvisioning Custom Actions		Enable Post Provisioning Custom Action	
Select Workflow		Custom Action Workflow	
Select VM Application Charge Frequency		VM Appliation Charge Frequency	
Active VM Application Cost		Generic Text Input	
Inactive VM Application Cost		Generic Text Input	
Storage Tier		Storage Tier	
Override IP List		Network Policy NIC IP Override	
Override IP		Generic Text Input	
Override Disk Datastore		Storage Policy Disk Datastore Override	
NICS Selector		VMware VM NICS Configuration	

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
ResourceAllocationConfig_234.ALLOCATED_IP_ADDRESS		gen_text_input
ResourceAllocationConfig_234.ALLOCATED_NIC_IP_DETAILS		gen_text_input
VMProvisionEngineConfig_235.PROVISIONED_VM_ID		vm
VMProvisionEngineConfig_235.VM_Name		gen_text_input
VMProvisionEngineConfig_235.VM_CPU_Size		gen_text_input
VMProvisionEngineConfig_235.VM_Cores_Per_CPU		gen_text_input
VMProvisionEngineConfig_235.VM_Memory_Size		gen_text_input
VMProvisionEngineConfig_235.VM_Guest_Host Name		gen_text_input
VMProvisionEngineConfig_235.VM_vCenter_Name		gen_text_input
VMProvisionEngineConfig_235.VM_Server_Address		gen_text_input
VMProvisionEngineConfig_235.VM_Datacenter_Name		datacenterName

Output	Description	Type
VMProvisionEngineConfig_235.VM_Datacenter_Identity		gen_text_input
VMProvisionEngineConfig_235.VM_Host		gen_text_input
VMProvisionEngineConfig_235.VM_Host_Identity		vmwareHostNodeIdentity
VMProvisionEngineConfig_235.VM_Cluster_Name		gen_text_input
VMProvisionEngineConfig_235.VM_Cluster_Identity		vmwareClusterIdentity
VMProvisionEngineConfig_235.VM_Resource_Pool_Name		vmwareResourcePoolName
VMProvisionEngineConfig_235.VM_Resource_Pool_Identity		vmwareResourcePoolIdentity
VMProvisionEngineConfig_235.VM_Datastore		vmwareDatastoreName
VMProvisionEngineConfig_235.Datastore_Identity		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Info_Identity		gen_text_input
VMProvisionEngineConfig_235.VM_Datastore_Cluster_Name		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.VM_Datastore_Cluster_Identity		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.VM_Disk_Count		gen_text_input
VMProvisionEngineConfig_235.Datastore_Name_Disk1		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk2		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk3		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk4		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk5		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk6		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk7		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk8		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk9		dataStoreName
VMProvisionEngineConfig_235.Datastore_Name_Disk10		dataStoreName
VMProvisionEngineConfig_235.Datastore_Identity_Disk1		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk2		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk3		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk4		vmwareDatastoreIdentity

Output	Description	Type
VMProvisionEngineConfig_235.Datastore_Identity_Disk5		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk6		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk7		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk8		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk9		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Identity_Disk10		vmwareDatastoreIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk1		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk2		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk3		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk4		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk5		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk6		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk7		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk8		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk9		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Name_Disk10		vmwareDatastoreClusterName
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk1		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk2		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk3		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk4		vmwareDatastoreClusterIdentity

Output	Description	Type
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk5		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk6		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk7		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk8		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk9		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.Datastore_Cluster_Identity_Disk10		vmwareDatastoreClusterIdentity
VMProvisionEngineConfig_235.VM_Mac		gen_text_input
VMProvisionEngineConfig_235.VM_IPv4_Address		gen_text_input
VMProvisionEngineConfig_235.VM_IPv6_Address		gen_text_input
VMProvisionEngineConfig_235.VM_PortGroups		gen_text_input
VMProvisionEngineConfig_235.VM_Nics_Count		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity
VMProvisionEngineConfig_235.VM_NIC1_PORTGROUP_IDENTITY		portGroupIdentity
VMProvisionEngineConfig_235.VM_NIC1_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC1_PortGroup_Name		gen_text_input
VMProvisionEngineConfig_235.VM_NIC1_PortGroup_Type		portGroupType
VMProvisionEngineConfig_235.VM_NIC1_vSwitch_Name		vSwitchName
VMProvisionEngineConfig_235.VM_NIC1_dvSwitch_Name		dvSwitchName

Output	Description	Type
VMProvisionEngineConfig_235.VM_NIC1_vSwitch_Identity		vmwareVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC1_dvSwitch_Identity		VMwareDVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC2_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC2_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC2_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC2_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC2_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity
VMProvisionEngineConfig_235.VM_NIC2_PORTGROUP_IDENTITY		portGroupIdentity
VMProvisionEngineConfig_235.VM_NIC2_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC2_PortGroup Name		gen_text_input
VMProvisionEngineConfig_235.VM_NIC2_PortGroup Type		portGroupType
VMProvisionEngineConfig_235.VM_NIC2_vSwitch Name		vSwitchName
VMProvisionEngineConfig_235.VM_NIC2_dvSwitch Name		dvSwitchName
VMProvisionEngineConfig_235.VM_NIC2_vSwitch_Identity		vmwareVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC2_dvSwitch_Identity		VMwareDVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC3_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC3_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC3_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC3_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC3_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity

Output	Description	Type
VMProvisionEngineConfig_235.VM_NIC3_PORTGROUP_IDENTITY		portGroupIdentity
VMProvisionEngineConfig_235.VM_NIC3_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC3_PortGroupName		gen_text_input
VMProvisionEngineConfig_235.VM_NIC3_PortGroupType		portGroupType
VMProvisionEngineConfig_235.VM_NIC3_vSwitchName		vSwitchName
VMProvisionEngineConfig_235.VM_NIC3_dvSwitchName		dvSwitchName
VMProvisionEngineConfig_235.VM_NIC3_vSwitchIdentity		vmwareVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC3_dvSwitchIdentity		VMwareDVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC4_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC4_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC4_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC4_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC4_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity
VMProvisionEngineConfig_235.VM_NIC4_PORTGROUP_IDENTITY		portGroupIdentity
VMProvisionEngineConfig_235.VM_NIC4_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC4_PortGroupName		gen_text_input
VMProvisionEngineConfig_235.VM_NIC4_PortGroupType		portGroupType
VMProvisionEngineConfig_235.VM_NIC4_vSwitchName		vSwitchName
VMProvisionEngineConfig_235.VM_NIC4_dvSwitchName		dvSwitchName
VMProvisionEngineConfig_235.VM_NIC4_vSwitchIdentity		vmwareVSwitchIdentity

Output	Description	Type
VMProvisionEngineConfig_235.VM_NIC4_dvSwitch_Identity		VMwareDVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC5_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC5_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC5_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC5_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC5_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity
VMProvisionEngineConfig_235.VM_NIC5_PORTGROUP_IDENTITY		portGroupIdentity
VMProvisionEngineConfig_235.VM_NIC5_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC5_PortGroup_Name		gen_text_input
VMProvisionEngineConfig_235.VM_NIC5_PortGroup_Type		portGroupType
VMProvisionEngineConfig_235.VM_NIC5_vSwitch_Name		vSwitchName
VMProvisionEngineConfig_235.VM_NIC5_dvSwitch_Name		dvSwitchName
VMProvisionEngineConfig_235.VM_NIC5_vSwitch_Identity		vmwareVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC5_dvSwitch_Identity		VMwareDVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC6_MAC_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC6_IPv4_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC6_IPv6_ADDRESS		gen_text_input
VMProvisionEngineConfig_235.VM_NIC6_ADAPTER_NAME		gen_text_input
VMProvisionEngineConfig_235.VM_NIC6_GENERIC_PORTGROUP_IDENTITY		vmwareVmPortGroupIdentity
VMProvisionEngineConfig_235.VM_NIC6_PORTGROUP_IDENTITY		portGroupIdentity

Output	Description	Type
VMProvisionEngineConfig_235.VM_NIC6_DISTRIBUTED_PORTGROUP_IDENTITY		VMwareDVPortgroupIdentity
VMProvisionEngineConfig_235.VM_NIC6_PortGroup_Name		gen_text_input
VMProvisionEngineConfig_235.VM_NIC6_PortGroup_Type		portGroupType
VMProvisionEngineConfig_235.VM_NIC6_vSwitch_Name		vSwitchName
VMProvisionEngineConfig_235.VM_NIC6_dvSwitch_Name		dvSwitchName
VMProvisionEngineConfig_235.VM_NIC6_vSwitch_Identity		vmwareVSwitchIdentity
VMProvisionEngineConfig_235.VM_NIC6_dvSwitch_Identity		VMwareDVSwitchIdentity
VMWareVMProvisionInputs_4708.OUTPUT_VDC_PRIMARY_APPROVERS		cuic_user_ID
VMWareVMProvisionInputs_4708.OUTPUT_VDC_SECONDARY_APPROVERS		cuic_user_ID
VMWareVMProvisionInputs_4708.APPROVAL_REQUIRED_FROM_ALL_USERS		ApprovalRequiredFromAllUsers
VMWareVMProvisionInputs_4708.OUTPUT_VDC_REMINDER_INTERVAL		reminderInterval
VMWareVMProvisionInputs_4708.OUTPUT_VDC_RESEND_MAIL_COUNT		resendMailCount

Reserve Blade on UCSM

Summary

N.A

Description

Tenant Onboarding - Reserve Blade on UCSM This workflow reserves Half/Full width blade/s on UCSM : - Creates new UCS Service Profile from Service Profile Template which is associated with Half/Full width ServerPool - Waits till SP is associated with a free Server from Serverpool. - Assigns resources to Tenant and Group

Inputs

Input	Description	Mappable To Type	Mandatory
Service_profile_name		Generic Text Input	Y
UCS_Organization		UCS Organization Identity	Y
Service_Profile_Template		Generic Text Input	Y
Service_profile_identity		UCS Service Profile Identity	Y
User_Group		User Group	Y
No_Of_SPs		Generic Text Input	Y
Tenant Name		Generic Text Input	Y
ResourceGroup Name		Generic Text Input	Y
Service Offering		Resource Group Service Offering	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId

Tenant Onboarding - Datastore Cluster Creation - VNX

Summary

N.A

Description

Tenant Onboarding - Datastore Cluster Creation - VNX This workflow creates VNX Datastore Cluster - Determines number of data stores to be created according to max LUN size and Datastore size needed for Tenant - For each datastore creation - It creates a VNX LUN - Adds LUN to Storage Group - Maps Hosts to Storage Group - Creates Datastore Cluster and adds datastore to it.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Account Identity		EMC Account Identity	Y
EMC Storage Pool Type Selector		EMC Storage Pool Type Selector	Y
EMC Storage RAID Type		Generic Text Input	Y
EMC RAID Group Identity		EMC VNX RAID Group Identity	Y
EMC Storage Pool Identity		EMC VNX Storage Pool for Block Identity	Y
Datastore size		Generic Text Input	Y
EMC Size Unit		EMC Size Units	Y
EMC_HOST_EMPTY		Generic Text Input	Y
EMC VNX Host Identity		EMC VNX Host Identity	Y
EMC_STORAGEGROUP_EMPTY		Generic Text Input	Y
EMC Storage Group Identity		EMC VNX Storage Group Identity	Y
EMC Storage Processor Identity		EMC Storage Processor Identity	Y
EMC Multi Host Identity		Generic Text Input	Y
VMware Account Name		VMware Account Selector	Y
Datastore Cluster Name		Generic Text Input	Y
Datastore Size Limit		Generic Text Input	Y
Tenant Group ID		User Group	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_DATASTORE_NAME		dataStoreName
OUTPUT_DS_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity

Tenant Onboarding - L2 Out

Summary

N.A

Description

Tenant Onboarding - L2 out This workflow creates L2 Out for APIC Tenant : - Creates L2 Bridge Domain for Tenant - Creates L2 EPG for Tenant - Adds static path for Port Channels and their vlans to EPG - Adds Physical Domain and VMM domain to EPG

Inputs

Input	Description	Mappable To Type	Mandatory
Private Network		APIC Device Tenant Private Network Identity	Y
Tenant Identity		APIC Device Tenant Identity	Y
Physical Domain		APIC Device Domain Profile Identity	Y
Virtual Domain		APIC Device Domain Profile Identity	Y
VLAN		Generic Text Input	Y
L2 Bridge Domain Name		Generic Text Input	Y
L2 Out Application Profile		Generic Text Input	Y
APIC Private Network Identity		APIC Device Tenant Private Network Identity	Y
L2 EPG Name		Generic Text Input	Y
Port Channel1		APIC Device Tenant DPC Static Path Identity	Y
Port Channel2		APIC Device Tenant DPC Static Path Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
L2_OUT_EPG_IDENTITY		ApicDeviceTenantEPGIdentity
L2_OUT_BRIDGE_DOMAIN		ApicDeviceTenantBridgeDomainIdentity
L2_OUT_DVPORT_GROUP_IDENTITY		VMwareDVPortgroupIdentity

Tenant Onboarding - L3 Out

Summary

N.A

Description

Tenant Onboarding - L3 out This workflow creates L3 Out for APIC Tenant : - Generates Router Id, subnet for sub-interface, IP for sub-interface on Router, VLAN for sub-interface - Creates L3 contract for External Routed Network - Creates External Routed Network and adds External Network to it - Creates Logical Node Profiles and add Logical Nodes and Interfaces to it - Creates BGP Peer Connectivity to Node - Sends config commands to Router - Send config command to Nexus switches to establish communication

Inputs

Input	Description	Mappable To Type	Mandatory
Group ID		Generic Text Input	Y
Tenant Name		Generic Text Input	Y
APIC Tenant Identity		APIC Device Tenant Identity	Y
User Group		User Group	Y
IP Subnet Pool Policy Identity		IP Subnet Pool Policy Identity	Y
VLAN Pool Policy		Generic Text Input	Y
Device 1 Login Name		Generic Text Input	Y
Device 1 IP Address		IP Address	Y
Device 1 Password		Password	Y
Device 2 Login Name		Generic Text Input	Y
Device 2 IP Address		IP Address	Y
Device 2 Password		Password	Y
Routed Static Path 1		APIC Device Tenant Static Path Identity	Y
Routed Static Path 2		APIC Device Tenant Static Path Identity	Y
Routed Static Path 3		APIC Device Tenant Static Path Identity	Y
Routed Static Path 4		APIC Device Tenant Static Path Identity	Y
Loop Back IP Subnet Pool Policy		IP Subnet Pool Policy Identity	Y
APIC Fabric Node 1 Identity		APIC Device Fabric Node Identity	Y
APIC Fabric Node 2 Identity		APIC Device Fabric Node Identity	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_SUB_INTERFACE_IP_ADDRESS_1		ipaddress

Output	Description	Type
OUTPUT_SUB_INTERFACE_IP_ADDRESS_2		ipaddress
OUTPUT_SUB_INTERFACE_IP_ADDRESS_3		ipaddress
OUTPUT_SUB_INTERFACE_IP_ADDRESS_4		ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_1		ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_2		ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_3		ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_4		ipaddress
OUTPUT_LOOP_BACK_IP_ADDRESS_1		ipaddress
OUTPUT_LOOP_BACK_IP_ADDRESS_2		ipaddress
OUTPUT_LOOP_BACK_IP_ADDRESS_3		ipaddress
OUTPUT_LOOP_BACK_IP_ADDRESS_4		ipaddress
OUTPUT_LOOP_BACK_IP_ADDRESS_WITH_SUBNET_1		gen_text_input
OUTPUT_LOOP_BACK_IP_ADDRESS_WITH_SUBNET_2		gen_text_input
OUTPUT_LOOP_BACK_IP_ADDRESS_WITH_SUBNET_3		gen_text_input
OUTPUT_LOOP_BACK_IP_ADDRESS_WITH_SUBNET_4		gen_text_input
OUTPUT_L3_VLAN_ID		vlanID
L3_ROUTER_DOMAIN		ApicDeviceTenantRoutedDomainIdentity
TENANT_L3_PRIVATE_NETWORK_IDENTITY		ApicDeviceTenantPrivateNetworkIdentity
L3ExternalNetworkIdentity		ApicTenantExternalNetworkToExternalRoutedNetworkIdentity

Update Tenant - Datastore Creation - VNX

Summary

N.A

Description

Update Tenant - Datastore Creation - VNX This workflow adds VNX Datastore to Tenant Datastore Cluster - Determines number of data stores to be created according to max LUN size and Datastore size needed for Tenant - For each datastore creation - It creates a VNX LUN - Adds LUN to Storage Group - Maps Hosts to Storage Group - Adds datastore to Tenant Datastore Cluster

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Account Identity		EMC Account Identity	Y
EMC Storage Pool Type Selector		EMC Storage Pool Type Selector	Y
EMC RAID Group Identity		EMC VNX RAID Group Identity	Y
EMC Storage Pool Identity		EMC VNX Storage Pool for Block Identity	Y
Datastore size		Generic Text Input	Y
EMC Size Unit		EMC Size Units	Y
EMC VNX Host Identity		EMC VNX Host Identity	Y
EMC Storage Group Identity		EMC VNX Storage Group Identity	Y
EMC Storage Processor Identity		EMC Storage Processor Identity	Y
EMC Multi Host Identity		Generic Text Input	Y
VMware Account Name		VMware Account Selector	Y
Datastore Cluster Name		Generic Text Input	Y
Datastore Size Limit		Generic Text Input	Y
Tenant Group ID		User Group	Y

Outputs

Output	Description	Type
SUB_SR_ID		serviceRequestId
OUTPUT_DATASTORE_NAME		dataStoreName
OUTPUT_DS_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity



Containers

This chapter contains the following sections:

- [APIC Container L4 L7 Service Info Wrapper](#), on page 1376
- [APICContainerDRMappingWrapper](#), on page 1377
- [APICContainerInfoWrapper](#), on page 1378
- [APIC_L4L7_ASAv_Network_VLAN_Info](#), on page 1379
- [ConvertSecurityRuleTextToIdentity](#), on page 1380
- [CreateAPICContainerFolder](#), on page 1381
- [Get APIC Container Free Infra IP And Mask](#), on page 1382
- [Get APIC Container LB SNIP IP](#), on page 1383
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APIC Container L4 L7 Service Info Wrapper

Summary

L4 L7 Service Info wrapper.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
L4 L7 Id String		gen_text_input	

Outputs

Output	Description	Type
PrimaryL4L7Identity	Primary L4 L7 Identity	Container L4 L7 Service
PrimaryContainerId	Primary Container ID	ServiceContainer
DREnabled	DR Enabled	Boolean
SecondaryL4L7Identity	SecondaryL4L7Identity	Container L4 L7 Service
SecondaryContainerId	SecondaryContainerId	ServiceContainer

APICContainerDRMappingWrapper

Summary

Wrapper for getting required information for creating SRM mappings for DR

Description

Inputs

Input	Description	Mappable To Type	Mandatory
PRIMARY_SERVICE_CONTAINER_ID		ServiceContainer	
SECONDARY_SERVICE_CONTAINER_ID		ServiceContainer	

Outputs

Output	Description	Type
PRIMARY_CONTAINER_VMS		gen_text_input
PRIMARY_CONTAINER_TIERS		gen_text_input
PRIMARY_POOL_IDENTITY		vmwareResourcePoolIdentity
SECONDARY_POOL_IDENTITY		vmwareResourcePoolIdentity
PRIMARY_CONTAINER_VMS_COUNT		gen_text_input
SRM_PROTECTION_GROUP_IDENTITY		vmwareSRMProtectionGroupIdentity
VMS		multiVM
PRIMARY_FOLDER_IDENTITY	Primary Container Folder Identity	VMwareFolderIdentity
SECONDARY_FOLDER_IDENTITY	Secondary Container Folder Identity	VMwareFolderIdentity
PG_IDENTITIES	Port Group Identities	gen_text_input

APICContainerInfoWrapper

Summary

Wrapper task for providing necessary information for container L4 L7 Services, SRM related settings for container etc

Description

Inputs

Input	Description	Mappable To Type	Mandatory
CONTAINER_ID		ServiceContainer	
VMS		gen_text_input	
Primary L4L7 Service		Container L4 L7 Service	

Outputs

Output	Description	Type
IS_DR_ENABLED	IS_DR_ENABLED	Boolean
VMS_ID_LIST	VMS	multiVM
SRM_PROTECTION_GROUP_IDENTITY		vmwareSRMProtectionGroupIdentity
SECONDARY_CONTAINER_ID	Secondary Container ID	ServiceContainer
SECONDARY_L4L7_SERVICE_ID	SECONDARY_L4L7_SERVICE_ID	Container L4 L7 Service
L4L7_SERVICE_INFO_IDS_FOR_ITERATIONS	L4L7_SERVICE_INFO_IDS_FOR_ITERATIONS	gen_text_input

APIC_L4L7_ASAv_Network_VLAN_Info

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	
VM_NAME		gen_text_input	
Tier1_BD		gen_text_input	
Tier2_BD		gen_text_input	

Outputs

Output	Description	Type
VM_IDENTITY		vm
OUTPUT_ASAV_VLAN1		vlanID
OUTPUT_ASAV_VLAN2		vlanID
SP_VNICs		ucsServiceProfileMultivNICIdentity
UCS_Account		ucsAccountIdentity

ConvertSecurityRuleTextToIdentity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SecurityRule		gen_text_input	

Outputs

Output	Description	Type
SecurityRuleIdentity		SecurityRuleIdentity

CreateAPICContainerFolder

Summary

Create Container Folder on vCenter if not exists already otherwise returns the existing folder id.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container Id		ServiceContainer	

Outputs

Output	Description	Type
FolderIdentity	Folder Identity	gen_text_input

Get APIC Container Free Infra IP And Mask

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	

Outputs

Output	Description	Type
IP		gen_text_input
IP_MASK		gen_text_input
Gateway		gen_text_input

Get APIC Container LB SNIP IP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Tier		gen_text_input	
IsServiceChain		gen_text_input	
ArmMode		gen_text_input	
Multiple_Service_Chain_Type		gen_text_input	Y

Outputs

Output	Description	Type
INTERNAL_IP		gen_text_input
INTERNAL_IP_MASK		gen_text_input
IsSNIPConfigRequired	IsSNIPConfigRequired	gen_text_input

Get APIC Container LB VIP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Tier		gen_text_input	
ArmMode		gen_text_input	
ServiceName		gen_text_input	
isServiceChain		gen_text_input	

Outputs

Output	Description	Type
VIP_OUTPUT		gen_text_input
VIP_MASK		gen_text_input
VIP_NETWORK_IP		gen_text_input
isVIPRequired	isVIPRequired	gen_text_input

Get APIC Container PG Identities Wrapper

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
PRIMARY_SECONDARY_IDENTITY_STRING		gen_text_input	

Outputs

Output	Description	Type
PrimaryContainerPGIdentity	PrimaryContainerPGIdentity	VMwareDVPortgroupIdentity
SecondaryContainerPGIdentity	SecondaryContainerPGIdentity	VMwareDVPortgroupIdentity
PrimaryContainerPGType	PrimaryContainerPGType	portGroupType
SecondaryContainerPGType	SecondaryContainerPGType	portGroupType

Get APIC Container Tier Type

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Tier_Name		gen_text_input	

Outputs

Output	Description	Type
Tier_Type		gen_text_input

Get Cloud Type From Container

Summary

Get Cloud Type From Container

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	

Outputs

Output	Description	Type
Cloud_Type	Cloud_Type	gen_text_input

Get Container Info

Summary

Provides Tenant, Private Network, Contract, Subject, Service Graph Identities

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y
Consumer Tier		gen_text_input	Y
Provider Tier		gen_text_input	Y

Outputs

Output	Description	Type
TenantIdentity		ApicDeviceTenantIdentity
PrivateNetworkIdentity		ApicDeviceTenantPrivateNetworkIdentity
ContractIdentity		ApicDeviceTenantContractIdentity
ContractSubjectIdentity		ApicTenantContractSubjectIdentity
ServiceGraphIdentity		ApicDeviceTenantServiceGraphIdentity
ProviderTier	Provider Tier Name	gen_text_input
ConsumerTier	ConsumerTier Name	gen_text_input
ContainerName		gen_text_input
ProviderEPGIdentity		ApicDeviceTenantEPGIdentity
ConsumerEPGIdentity		ApicDeviceTenantEPGIdentity
ServiceGraphNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
LBSubnetPolicyID		IPSubnetPoolPolicy
LBSubnetIdentity		gen_text_input
ServiceName		gen_text_input

Get L4L7 Device Deployment Info

Summary

Determine if the mgmt ip, mask etc should be used from L4L7 Info wrapper or from deploy workflow.

Description

Determine if the mgmt ip, mask etc should be used from L4L7 Info wrapper or from deploy workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
Mgmt IP		gen_text_input	
DeployMgmtIP		gen_text_input	
MgmtPort		gen_text_input	
DeployMgmtPort		gen_text_input	
UserName		gen_text_input	
DeployUserName		gen_text_input	
Password		password	
DeployPassword		password	
VMName		gen_text_input	
SecondaryVMName		gen_text_input	
DeployASAv		gen_text_input	
ServiceType		gen_text_input	
DeviceType		gen_text_input	
SecMgmtIP		gen_text_input	
DeploySecMgmtIP		gen_text_input	
Cluster IP From Wrapper		gen_text_input	
ClusterUserNameFromWrapper		gen_text_input	
ClusterPasswordFromWrapper		password	
ContextAware		gen_text_input	
DepVMName		gen_text_input	
SecDepVMName		gen_text_input	
ClusterIP_Deployed		gen_text_input	
ClusterUserName_Deployed		gen_text_input	
ClusterPassword_Deployed		password	

Outputs

Output	Description	Type
ManagementIP	ManagementIP	gen_text_input
ManagementPort	ManagementPort	gen_text_input
Username	UserName	gen_text_input
UserPassword	Password	password
VirtualMachineName	VMName	gen_text_input
SecVirtualMachineName	SecVirtualMachineName	gen_text_input
SecManagementIP	SecManagementIP	gen_text_input
APICServiceType	APICServiceType	gen_text_input
ClusterIP		gen_text_input
ClusterUserName		gen_text_input
ClusterPassword		password

Get LB Server Details

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
IPv46		gen_text_input	Y
Provider EPG Identity		gen_text_input	Y
Service Graph Node Identity		gen_text_input	Y
Contract Name		gen_text_input	Y

Outputs

Output	Description	Type
lbVserver	lbVserver	gen_text_input
L4L7Element	L4L7 Element	ApicTenantL4L7ParameterIdentity
L4L7ElementParameter	L4L7 Element Parameter - lbserver	ApicTenantL4L7ParameterValues Identity
ParamName	Param Name	gen_text_input
L4L7LbMenthodParam	L4L7 Lb Menthod Parameter	ApicTenantL4L7ParameterValues Identity
L4L7PersTypeParam	L4L7 Persistence Type Parameter	ApicTenantL4L7ParameterValues Identity
lbServerParamValue	LB Server Name Parameter Value	gen_text_input
LbMethodKey	lbmethod	gen_text_input
PersistenceTypeKey	persistencetype	gen_text_input
CookieKey	cookiekey	gen_text_input
L4L7CookieParam	CookieName	ApicTenantL4L7ParameterValues Identity
L4L7ElementParamSG		gen_text_input
L4L7PortParam		ApicTenantL4L7ParameterValues Identity
PortKey		gen_text_input
L4L7PortParam1		ApicTenantL4L7ParameterValues Identity
SGBindingFoldNames	Service Group Binding Folder Names	gen_text_input

Output	Description	Type
ServiceGraphName	Service Graph Name	gen_text_input
ContractNameOut	Contract Name	gen_text_input

GetACLIdentityToDelete

Summary

Checks and returns ACL identity of the acl to be deleted.

Description

Checks and returns ACL identity of the acl to be deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
L4L7Identity		gen_text_input	
ACLName		gen_text_input	
ACENAME		gen_text_input	

Outputs

Output	Description	Type
isACLToBeDeleted	isACLToBeDeleted	Boolean
ACLIdentity	ACL Identity	ApicTenantL4L7AclEPGIdentity
InterfaceIdentity	InterfaceIdentity	ApicTenantL4L7EPGInterfaceIdentity
InBoundACL	InBoundACL	gen_text_input
OutBoundACL	OutBoundACL	gen_text_input

GetApicContainerACEIdentity

Summary

Generates ACE identity using L4L7Id and ACE Name.

Description

Generates ACE identity using L4L7Id and ACE Name.

Inputs

Input	Description	Mappable To Type	Mandatory
L4L7Id		Container L4 L7 Service	
ACE Name		gen_text_input	

Outputs

Output	Description	Type
ACEIdentity	ACEIdentity	ApicTenantL4L7EPGAceIdentity
ACLName	ACL Name	gen_text_input

GetL4L7DeviceArmMode

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
ServiceType		gen_text_input	
MultipleServiceType		gen_text_input	
OrigArmMode		gen_text_input	

Outputs

Output	Description	Type
Custom_ArmMode	Custom_ArmMode	gen_text_input

GetMSPAdminEmailAddresses

Summary

Retrieves MSP Admins for given tenant.

Description

Retrieves MSP Admins for given tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant		ApicDeviceTenantIdentity	Y

Outputs

Output	Description	Type
MSPOrgAdminEmails	MSPOrgAdminEmails	email_address_list

GetResourceRequirementFromThroughput

Summary

Reterives vCPU and Memory requirement for L4L7 Devices

Description

Reterives vCPU and Memory requirement for L4L7 Devices

Inputs

Input	Description	Mappable To Type	Mandatory
containerId		ServiceContainer	

Outputs

Output	Description	Type
ASAv_vCPU	ASAv_vCPU	gen_text_input
VPX_vCPU	VPX_vCPU	gen_text_input
VPX_Memory	VPX_Memory	gen_text_input
DeploymentOption	DeploymentOption	gen_text_input

GetTargetsForLBParamConfiguration

Summary

This task finds out any existing service chain configuration details.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	
ArmMode		gen_text_input	
ProviderEPG		ApicDeviceTenantEPGIdentity	
APICContractIdentity		ApicDeviceTenantContractIdentity	
ServiceGraphNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity	
ServiceChain		gen_text_input	

Outputs

Output	Description	Type
TierToConfigureEPG		gen_text_input
EPGIdentity		ApicDeviceTenantEPGIdentity
ContractIdentity		ApicDeviceTenantContractIdentity
SGNodeIdentity		ApicTenantL4L7ServiceGraphNodeIdentity
ExistingSNIP		gen_text_input
ExistingChainedFWNode		ApicTenantL4L7ServiceGraphNodeIdentity
SSLSGNodeIdentity	SSLSGNodeIdentity	ApicTenantL4L7ServiceGraphNodeIdentity
SSLContractIdentity	SSLContractIdentity	ApicDeviceTenantContractIdentity
SSLExistingFWNodeIdentity	SSLExistingFWNodeIdentity	ApicTenantL4L7ServiceGraphNodeIdentity

Get_APICContainerL4L7DefinitionForPrivateNetwork

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	
Index		gen_text_input	

Outputs

Output	Description	Type
Tier_1		gen_text_input
Tier_2		gen_text_input
Services		gen_text_input
LBServers		gen_text_input
Arm_Mode		gen_text_input
IsMultipleServices		gen_text_input
Multiple_Service_Type		gen_text_input
ServiceName	ServiceName	gen_text_input

Get_APIContainerL4L7ServiceForProtocol

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		gen_text_input	
Service Name		gen_text_input	

Outputs

Output	Description	Type
Protocol_Type		gen_text_input
Port		gen_text_input

IsFWLBSingleArmChainExist

Summary

This task finds out any existing service chain configuration details.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	

Outputs

Output	Description	Type
FWLBChainExist		gen_text_input

Trigger APIC Container - DR Site

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container_Name		gen_text_input	Y
Container_Label		gen_text_input	
Tenant		UCSDTenantIdentity	
Container_template		applicationTemplate	
Configure_resource_limit		Boolean	
Memory		gen_text_input	
MaximumStorageLimit		gen_text_input	
No_of_vCPUs		gen_text_input	
NoOfHostPerTier		gen_text_input	
Tiers		gen_text_input	
Half_width_phy_servers		gen_text_input	
Full_width_phy_servers		gen_text_input	
Network_throughput		gen_text_input	
Enable_nw_mgmt		Boolean	
Enable_DR		Boolean	
User_group		userGroup	
PrimaryContainerId		ServiceContainer	

Outputs

Output	Description	Type
SR_List		serviceRequestIdList

Trigger Multiple Container Tier Creation

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	Y
Tenant ID		gen_text_input	Y
APIC Application Profile		gen_text_input	Y
Container Private Network		ApicDeviceTenantPrivateNetwork Identity	Y
Tier List		gen_text_input	Y

Outputs

Output	Description	Type
SR_List		serviceRequestIdList

Trigger Multiple L4L7 Device Interface Creation

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	Y
Service_Type		gen_text_input	Y
Tier List		gen_text_input	Y
Physical Device Static Path Identity		ApicDeviceStaticPathIdentity	
IsASAvHA		gen_text_input	Y
IsLBHA		gen_text_input	Y
Device Cluster Package Identity		ApicDeviceClusterDevicePackage Identity	Y
Concrete Device 1 Identity		ApicDeviceTenantConcreteDevice Identity	Y
Concrete Device 2 Identity		ApicDeviceTenantConcreteDevice Identity	Y
Device Type		gen_text_input	
ExistingConcreteInterfaceName		gen_text_input	
SecPhysicalStaticPath		ApicDeviceStaticPathIdentity	
SecExistingConcreteInterfaceName		gen_text_input	

Outputs

Output	Description	Type
SR_List		serviceRequestIdList

Trigger Multiple L4L7 Services

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	Y
Service_Order_Type		gen_text_input	Y

Outputs

Output	Description	Type
SR_List		serviceRequestIdList

Trigger Required Network Devices Configuration

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	Y
L4L7_Req_Services		gen_text_input	Y

Outputs

Output	Description	Type
SR_List		serviceRequestIdList

VPXVMResizeCheck

Summary

Checks if VPX vm resize is needed.

Description

Checks if VPX vm resize is needed.

Inputs

Input	Description	Mappable To Type	Mandatory
PrimaryVPXVMId		gen_text_input	
CpuCount		gen_text_input	
Memory		gen_text_input	
SecondaryVPXVMId		gen_text_input	

Outputs

Output	Description	Type
IS_PRIMARY_VPX_VM_RESIZE_REQUIRED	IS_PRIMARY_VPX_VM_RESIZE_REQUIRED	Boolean
VPX_CPU	VPX_CPU	vCPUCount
VPX_MEMORY	VPX_MEMORY	memSizeMB
VPX_VM_PRIMARY	Primary VPX VM	vm
VPX_VM_SECONDARY	VPX_VM_SECONDARY	vm
IS_SECONDARY_VPX_VM_RESIZE_REQUIRED	IS_SECONDARY_VPX_VM_RESIZE_REQUIRED	Boolean



Context Mapper Tasks

This chapter contains the following sections:

- [Context Mapper: Cloud, on page 1410](#)
- [Context Mapper: Initiator Group, on page 1411](#)
- [Context Mapper: LUN, on page 1412](#)
- [Context Mapper: NetApp Volume, on page 1413](#)
- [Context Mapper: UCS Server, on page 1414](#)
- [Context Mapper: UCS Service Profile, on page 1415](#)
- [Context Mapper: vFiler, on page 1416](#)
- [Context Mapper: vFiler Initiator Group, on page 1417](#)
- [Context Mapper: vFiler LUN, on page 1418](#)
- [Context Mapper: vFiler Volume, on page 1419](#)

Context Mapper: Cloud

Summary

Sets up the context for Cloud

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a Cloud. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to. Output of this task is the cloud identity.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_CLOUD_IDENTITY	Identity of the Cloud	CloudIdentity

Context Mapper: Initiator Group

Summary

Context Mapper for the a Initiator Group

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a Initiator Group. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity

Context Mapper: LUN

Summary

Context Mapper for a LUN

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a LUN. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
LUN	Name of the LUN	lunName
DATACENTER	Name of the Datacenter	datacenterName
INFRASTRUCTURE_ACCOUNT	Name of the Infrastructure Account	accountName
FILER_NAME	Name of the Physical Filer	gen_text_input
LUN_IDENTITY	Identity of the LUN	lunIdentity

Context Mapper: NetApp Volume

Summary

Context Mapper for the a NetApp Volume

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a NetApp Volume. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter	datacenterName
INFRASTRUCTURE_ACCOUNT	Name of the Infrastructure Account	accountName
AGGREGATE_NAME	Name of the Aggregate on which given entity exists	aggregate
FILER_NAME	Name of the Physical Filer	gen_text_input
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity

Context Mapper: UCS Server

Summary

Set up the context for a UCS server.

Description

This task sets up the context for a UCS server. Context Mappers map a workflow to a component in the form of an Action. To map a workflow, add the corresponding context mapper task to the workflow at the beginning, in this case to a UCS server. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an Action when the component is selected. Click this Action to execute the workflow that the component is mapped to. Outputs of this task are Account name and the server domain name (DN).

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Context Mapper: UCS Service Profile

Summary

Set up the context for a UCS service profile.

Description

This task sets up the context for a UCS service profile. Context Mappers map a workflow to a component in the form of an Action. To map a workflow, add the corresponding context mapper task to the workflow at the beginning, in this case to a UCS service profile. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an Action when the component is selected. Click this Action to execute the workflow that the component is mapped to. Outputs of this task are the account name and the server domain name (DN).

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity

Context Mapper: vFiler

Summary

Context Mapper for a vFiler

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a vFiler. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Context Mapper: vFiler Initiator Group

Summary

Context Mapper for the a vfiler Initiator Group

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a vfiler Initiator Group. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIGroupIdentity

Context Mapper: vFiler LUN

Summary

Context Mapper for a vfiler LUN

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a vFiler LUN. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_VFILER_LUN_IDENTITY	Identity of the vFiler LUN	vFilerLUNIdentity

Context Mapper: vFiler Volume

Summary

Context Mapper for the a vfiler Volume

Description

Context Mappers are required in order to map a workflow to a component in the form of an action. To map a workflow, the corresponding context mapper task needs to be added to the workflow at the beginning, in this case to a vfiler Volume. Then under Context Workflow Mapping, select the component and add the newly created workflow to it by giving it an action label. This action label appears as an action when the component is selected. Click this action to execute the workflow that the component was mapped to.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity



Custom - EMC VNX Tasks

This chapter contains the following sections:

- [Associate VNX LUN as Datastore - 2015-01-26, on page 1422](#)
- [Custom Associate VNX LUN as Datastore, on page 1423](#)
- [Get Datastore List, on page 1424](#)
- [Get HLU Lun Datastore List, on page 1425](#)
- [Get Journal HLU LUN List, on page 1426](#)
- [Get Replication Set List, on page 1427](#)
- [Map Hosts to VNX Storage Group, on page 1428](#)

Associate VNX LUN as Datastore - 2015-01-26

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Processor	Select storage processor.	EMC_StorageProcessor Identity	Y
Data store Name	Enter a new data store name.	gen_text_input	Y
Select Host Node	Select a hostnode to create data store.	gen_text_input	Y
Initiator Type	Select the type.	gen_text_input	
LUN Name	Select LUN name to associate with data store.	emcLUNIdentity	Y
VDC Name	Select vDC to assign storage policy.	vDC	
Success Criteria	Select an option from list to pass the task	emcVnxMountDatastore SuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY		vmwareMultiDatastoreIdentity
OUTPUT_VMWARE_DATACENTER_NAME		vmwareDatacenterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity

Custom Associate VNX LUN as Datastore

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Processor	Select storage processor.	EMC_StorageProcessorIdentity	Y
Data store Name	Enter a new data store name.	gen_text_input	Y
Select Host Node	Select a hostnode to create data store.	gen_text_input	Y
Initiator Type	Select the type.	gen_text_input	
LUN Name	Select LUN name to associate with data store.	emcLUNIdentity	Y
VDC Name	Select vDC to assign storage policy.	vDC	
Success Criteria	Select an option from list to pass the task	emcVnxMountDatastoreSuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY		vmwareMultiDatastoreIdentity
OUTPUT_VMWARE_DATACENTER_NAME		vmwareDatacenterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY		vmwareDatastoreClusterIdentity

Get Datastore List

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
LUN Count		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_DSNAME_LIST		gen_text_input

Get HLU Lun Datastore List

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Count		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HLU_LIST		gen_text_input
OUTPUT_LUN_LIST		gen_text_input
OUTPUT_DSNAME_LIST		gen_text_input
OUTPUT_HOST_HLU_LIST		gen_text_input

Get Journal HLU LUN List

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Count		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HLU_LIST		gen_text_input
OUTPUT_LUN_LIST		gen_text_input

Get Replication Set List

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Count		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_REPLICATION_SET_LIST		gen_text_input

Map Hosts to VNX Storage Group

Summary

Map Hosts to VNX Storage Group

Description

This task is used to map(associate) VNX hosts to Storage Group. If any of the host is already mapped to storage group,only those hosts will be ignored; rest of the hosts will be added to new Storage group with the given storage group name. It returns storage group identity of all the hosts including the new one if it is created.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Select name of the EMC Account in this system	EMC_AccountIdentity	Y
Storage Group	Enter Storage Group Name	gen_text_input	
Hosts	Select Hosts to add them to Storage Group	emcHostIdentity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity



Custom - VMware Host Tasks

This chapter contains the following sections:

- [Create Datastore Cluster - 2015-02-04, on page 1430](#)

Create Datastore Cluster - 2015-02-04

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create Datastore cluster.	vmwareAccountName	Y
Datastore Cluster Name	Enter Datastore Cluster Name	gen_text_input	Y
Datacenter Name	Select the Datacenter name.	vmwareDatacenterName	Y
Datastores	Select the datastores	vmwareMultiDatastore Identity	Y
Enable Storage DRS	Enable Storage DRS	VMwareEnableStorageDRS	Y
Enable I/O metric for SDRS Recommendations	Enable I/O metric for SDRS Recommendations	VMwareEnableIO_METRIC	Y
Automation Level	Select the Automation Level	vmwareStorageDRSAutomationLevel	Y
Utilized Space(%)	Storage DRS Thresholds	gen_text_input	Y
I/O Latency(ms)	Storage DRS Thresholds	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity
OUTPUT_CREATE_CLUSTER		gen_text_input



Custom - Virtual SAN Tasks

This chapter contains the following sections:

- [Check Host SSH Connectivity, on page 1432](#)
- [Check VM Count, on page 1433](#)
- [Check VMs Powered Off on Host, on page 1434](#)
- [DVSwitch Check Task, on page 1435](#)
- [Get Account,Datacenter and Cluster from Cluster Identity, on page 1436](#)
- [Get Account,Datacenter,ClaimDiskMode and Cluster from Cluster Identity, on page 1437](#)
- [Get DVPortGroup from DVSwitch, on page 1438](#)
- [Get DVSwitch Virtual Adapters for VMware Host, on page 1439](#)
- [Get DVSwitch and DV PortGroup, on page 1440](#)
- [Get DVSwitch from VMware Host, on page 1441](#)
- [Get Datacenter And Account From Datacenter Identity, on page 1442](#)
- [Get Host Node Multi Selector From Host Node Identity, on page 1443](#)
- [Get HostNode Identity, on page 1444](#)
- [Get PXE Boot ID from VMware Host, on page 1445](#)
- [Get Service Profile Identity from VMware Host, on page 1446](#)
- [Get VLAN From IPPool Policy, on page 1447](#)
- [Get VMware Host from Cluster, on page 1448](#)
- [Get and validate VMware Host from Cluster, on page 1449](#)
- [HA Enable Check, on page 1450](#)
- [vMotionDvPortGroup Check Task, on page 1451](#)

Check Host SSH Connectivity

Summary

Checks SSH connectivity of Host with provided user ID and password

Description

Checks SSH connectivity of Host with provided user ID and password

Inputs

Input	Description	Mappable To Type	Mandatory
Hosts		gen_text_input	
Host User Id		gen_text_input	
Host Password		password	

Outputs

No Outputs

Check VM Count

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	Y
Host		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

Check VMs Powered Off on Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	Y
Host		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

DVSwitch Check Task

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch		VMwareDVSwitchIdentity	

Outputs

Output	Description	Type
DVSwitchMandatory	DVSwitch Mandatory	VMwareDVSwitchIdentity

Get Account, Datacenter and Cluster from Cluster Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		gen_text_input	Y

Outputs

Output	Description	Type
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME	gen_text_input
DATACENTER_NAME	DATACENTER_NAME	datacenterName
CLUSTER_NAME	CLUSTER_NAME	gen_text_input
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
DATACENTER_IDENTITY	DATACENTER_IDENTITY	vsanVMwareDatacenterIdentity
CLAIM_DISK_MODE	CLAIM_DISK_MODE	VMWareClaimDiskModeList

Get Account,Datacenter,ClaimDiskMode and Cluster from Cluster Identity

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		gen_text_input	Y

Outputs

Output	Description	Type
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME	gen_text_input
DATACENTER_NAME	DATACENTER_NAME	datacenterName
CLUSTER_NAME	CLUSTER_NAME	gen_text_input
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
DATACENTER_IDENTITY	DATACENTER_IDENTITY	vsanVMwareDatacenterIdentity
CLAIM_DISK_MODE	CLAIM_DISK_MODE	VMWareClaimDiskModeList

Get DVPortGroup from DVSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Identity		VMwareDVSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_DVPORTGROUP_IDENTITY1		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY2		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY3		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY4		VMwareDVPortgroupIdentity

Get DVSwitch Virtual Adapters for VMware Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account		gen_text_input	
Host		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VIRTUAL_ADAPTERS		gen_text_input

Get DVSwitch and DV PortGroup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch		VMwareDVSwitchIdentity	
newDVSwitch		VMwareDVSwitchIdentity	
Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
new Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
nioc Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
DVSwitch Uplink PortGroup		uplinkPortGroupLovList	
nioc DVSwitch Uplink PortGroup		uplinkPortGroupLovList	
existing VMotion Portgroup		VMwareDVPortgroupIdentity	
nioc VMotion Portgroup		VMwareDVPortgroupIdentity	

Outputs

Output	Description	Type
OUTPUT_DVSwitch		dvSwitchName
OUTPUT_VirtualSANPortGroup		VMwareDVPortgroupIdentity
OUTPUT_DVSwitchUplinkPortGroup Mandatory		uplinkPortGroupLovList
OUTPUT_VMotionPortgroup		VMwareDVPortgroupIdentity

Get DVSwitch from VMware Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	
Host		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
OUTPUT_HOST_IP		gen_text_input

Get Datacenter And Account From Datacenter Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter		gen_text_input	Y

Outputs

Output	Description	Type
DatacenterName	Datacenter Name	datacenterName
AccountName	Account Name	vmwareAccountName

Get Host Node Multi Selector From Host Node Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
HostIdentity		gen_text_input	Y

Outputs

Output	Description	Type
HostNodeMultiSelector	Vmware Host Node Multi Selector	vmwareHostMultiSelect

Get HostNode Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
select Host/Cluster		vmwareHostorCluster	
VMware HostNode Identity		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HOSTNODE_IDENTITY		vmwareHostNodeIdentity

Get PXE Boot ID from VMware Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID		gen_text_input

Get Service Profile Identity from VMware Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name		gen_text_input	Y
Host		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
OUTPUT_VMWARE_ACCOUNT_NAME		vmwareAccountName
OUTPUT_UCSM_ACCOUNT_NAME		ucsAccountIdentity

Get VLAN From IPPool Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IpPoolPolicy		gen_text_input	

Outputs

Output	Description	Type
VlanId		vlanID

Get VMware Host from Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
VMware Cluster		vmwareClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input
OUTPUT_VSAN_HOST_NODE_IDENTITY		vsanHostNodeIdentity
OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity

Get and validate VMware Host from Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		vmwareClusterIdentity	
Host		vsanHostNodeIdentity	
minimumHostNodes		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

HA Enable Check

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		vsanCluster	Y

Outputs

Output	Description	Type
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
HA_CURRENT_VALUE	HA_CURRENT_VALUE	Boolean
HOST_ISOLATION_RESPONSE	HOST_ISOLATION_RESPONSE	gen_text_input
DATASTORE_HEARTBEAT	DATASTORE_HEARTBEAT	gen_text_input
VM_MONITORING	VM_MONITORING	gen_text_input
ADMISSION_CONTROL	ADMISSION_CONTROL	Boolean
HOST_MONITORING	HOST_MONITORING	gen_text_input
HA_ROLLBACK_VALUE	HA_ROLLBACK_VALUE	Boolean

vMotionDvPortGroup Check Task

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
vMotionPortGroup		VMwareDVPortgroupIdentity	
vMotionIPPoolPolicy		VMWareIPPoolPolicy	

Outputs

Output	Description	Type
vMotionPortGroupMandatory	vMotion PortGroup Mandatory	VMwareDVPortgroupIdentity
vMotionIPPoolPolicyMandatory		VMWareIPPoolPolicy



Custom Approval Tasks

This chapter contains the following sections:

- [CustomApproval_UserAck](#), on page 1454

CustomApproval_UserAck

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
When Disable Rollback is enabled, the approval task will not be run during service request rollback			
Approval required from Groups	The checkbox should be enabled, if approval required from Group		
User Group ID	Group ID of the user who should approve the request	userGroup	Y
Approver ID	User ID of the user who should approve the request	cuic_multi_user_ID	Y
Approval required from all the users	The checkbox should be enabled, if approval required from all the users. Else, any one user approval is enough	ApprovalRequiredFromAllUsers	
Number of Approval Request Reminders	Number of reminder emails to be sent	resendMailCount	Y
Reminder Intervals (Hours)	Time interval to send the next approval request reminder email	reminderInterval	Y

Outputs

No Outputs



Custom tasks

This chapter contains the following sections:

- [ACL Entry SRC and DEST Operator](#), on page 1457
- [Add VMkernel Interfaces \(custom\)](#), on page 1458
- [Allocate Network To Tiers](#), on page 1459
- [BroadcastDomain_CLI](#), on page 1460
- [Configured Email](#), on page 1461
- [DNS Server](#), on page 1462
- [Form Hyper-V Subent Identity](#), on page 1463
- [Get Bridge Domain Identity](#), on page 1464
- [Get Details From Container](#), on page 1465
- [Get EPG Identity From Container Tier](#), on page 1466
- [Get External Network From Container](#), on page 1467
- [Get Free IP and MASK From Subnet](#), on page 1468
- [Get Interface Info For Tier](#), on page 1469
- [Get Journal Copy](#), on page 1470
- [Get L4L7 LB Service Primary IP](#), on page 1471
- [Get L4L7 Service Definition For Private Network](#), on page 1472
- [Get LB Cluster IP Pool](#), on page 1473
- [Get Network And Bridge Domains From Container](#), on page 1474
- [Get Port For Add Servers](#), on page 1475
- [Get Recoverpoint ReplicationSet](#), on page 1476
- [Get Tier Names for L4L7 Service](#), on page 1477
- [Get VNX Lun Identity From Lun List](#), on page 1478
- [Is Bridge Domain Exist](#), on page 1479
- [Is Service Graph Exist](#), on page 1480
- [Iterator Task](#), on page 1481
- [LoadBalancing Logical Interface Types](#), on page 1482
- [Mail Setup](#), on page 1483
- [Modify L4-L7 Folder Name](#), on page 1484
- [NTP Server](#), on page 1485
- [Onboarding Lookup](#), on page 1486
- [RP Journal Storage Assignment](#), on page 1489
- [Select Locale](#) , on page 1490

- [Service Graph Provider](#), on page 1491
- [Trigger L4L7 Inventory](#), on page 1492
- [VNX Storage Assignment](#), on page 1493
- [isPrivateNetworkCreatedOnTenantOnBoard](#), on page 1494
- [Get APIC Static Path Type](#), on page 1495

ACL Entry SRC and DEST Operator

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Protocol		gen_text_input	
Source Port Range		gen_text_input	
Source Operator		gen_text_input	
Destination Port Range		gen_text_input	
Destination Operator		gen_text_input	

Outputs

Output	Description	Type
SRC_OPERATOR		gen_text_input
DEST_OPERATOR		gen_text_input

Add VMkernel Interfaces (custom)

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host/Cluster	Select the Host/Cluster to perform operation on.	vmwareHostorCluster	Y
Select Cluster	Select the Cluster, to create the new VM Kernel PortGroup on hosts in cluster.	vmwareClusterIdentity	Y
Select Host Nodes	Select the Host name to create the new VM Kernel PortGroup.	vmwareHostNodeIdentity	Y
DVPortGroup Name	Select the dvPortGroup to create the new VM Kernel PortGroup.	VMwareDVPortgroup Identity	Y
Network Type	Select the network type.	gen_text_input	Y
IP Subnet	IP Subnet	IpSubnetInIPSubnetPool PolicyIdentity	Y
MTU Size	Enter MTU Size From 1280 to 9000 Range.	gen_text_input	
Enable vMotion	Enable vMotion	Boolean	

Outputs

Output	Description	Type
IpAddress	Comma Separated IP Addresses allocated from Subnet	gen_text_input

Allocate Network To Tiers

Summary

Allocate network to tiers

Description

(Topology Specific Task) This task allocates network to tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenantIdentity
OUTPUT_CONTAINER_GROUPID	Application Container Group ID	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_APIC_CONTAINER_TIER_LIST	Application Container Tier List	gen_text_input
OUTPUT_APIC_CONTAINER_L4L7DEF_COUNT	Application Container L4L7 Definition Count	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_REQUIRED_SERVICES	Container required L4-L7 Services	gen_text_input
OUTPUT_FLAG_L4L7_REQUIRED	Flag for whether to configure L4-L7 Services	gen_text_input
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_PRIVATE_NETWORK_NAME	Private Network Name	gen_text_input

BroadcastDomain_CLI

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Broadcast Domain Name		gen_text_input	
Port1		netappClusterAllPortsIdentity	
Port2		netappClusterAllPortsIdentity	
Port3		netappClusterAllPortsIdentity	
Port4		netappClusterAllPortsIdentity	
MTU		gen_text_input	

Outputs

Output	Description	Type
BroadcastDomainCLI		gen_text_input

Configured Email

Summary

This Page allows user to configure administrator email-id.

Description

Specify your email address to receive notification and approval messages from Cisco UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
Configured Administrator Email ID:			
Modify Administrator Email ID			
Administrator Email ID		gen_text_input	Y

Outputs

No Outputs

DNS Server

Summary

This Page configure the DNS servers and Update the DNS Servers details.

Description

Configure one or more DNS servers for Cisco UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
DNS Server(s) :			
Modify DNS Servers			
DNS Servers		gen_text_input	Y

Outputs

No Outputs

Form Hyper-V Subnet Identity

Summary

Description

Inputs: LOGICAL_NETWORK_DEF_IDENTITY SUBNET_WITH_CIDR_SIGNATURE Output:
HYPER_V_SUBNET_IDENTITY =
[LOGICAL_NETWORK_DEF_IDENTITY];[SUBNET_WITH_CIDR_SIGNATURE]

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network Definition Identity		gen_text_input	
Subnet With CIDR Signature		gen_text_input	

Outputs

Output	Description	Type
HYPERV_IPSUBNET_FROM_SITE_IDENTITY		hypervIpSubnetFromSiteIdentity

Get Bridge Domain Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
BridgeDomain1		gen_text_input	
BridgeDomain2		gen_text_input	
IsBridgeDomainExist		gen_text_input	

Outputs

Output	Description	Type
BDIdentity	BDIdentity	ApicDeviceTenantBridgeDomainIdentity

Get Details From Container

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y

Outputs

Output	Description	Type
applicationProfile	Application Profile	gen_text_input
pNetworkIdentity	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
privateNetworkName	Private Network Name	gen_text_input

Get EPG Identity From Container Tier

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y
Tier Name		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EPG_IDENTITY	EPG Identity	ApicDeviceTenantEPGIdentity

Get External Network From Container

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	

Outputs

Output	Description	Type
extNetworkIdentity	External Network Identity	ApicDeviceExternalNetworkInOutsideNetworkIdentity
l3OutIdentity	External Routed Network Identity	ApicDeviceTenantL3OutIdentity

Get Free IP and MASK From Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Subnet ID		gen_text_input	Y

Outputs

Output	Description	Type
IP_ADDRESS		gen_text_input
IP_MASK		gen_text_input

Get Interface Info For Tier

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Tier List		gen_text_input	Y
Tier		gen_text_input	Y
Service_Type		gen_text_input	

Outputs

Output	Description	Type
Interface_Index		gen_text_input
InterfaceType		ApicDevicePackageInterface Identity
Concrete_Interface_Name		gen_text_input
Logical_Interface_Name		gen_text_input
Link_Interface_Index	Failover Link Interface Index	gen_text_input
Link_Interface_Type	Failover Link Interface Type	ApicDevicePackageInterface Identity
Link_Concrete_Interface_Name	Failover link concrete device interface name	gen_text_input
Link_Logical_Interface_Name	Failover Link Logical Interface Name	gen_text_input
haType	Enable Stateful Failover	gen_text_input

Get Journal Copy

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Primary Production Copy		RecoverPointConsistencyGroupCopy Identity	
Secondary Production Copy		RecoverPointConsistencyGroupCopy Identity	
Existing Primary Production Copy		RecoverPointConsistencyGroupCopy Identity	
Existing Secondary Production Copy		RecoverPointConsistencyGroupCopy Identity	
Is Primary		Boolean	
Is Update Tenant		Boolean	
Existing Consistency Group Name		RecoverPointConsistencyGroupIdentity	
New Consistency Group		RecoverPointConsistencyGroupIdentity	

Outputs

Output	Description	Type
journalCGCopyIdentity		RecoverPointConsistencyGroupCopyIdentity
secondaryCGCopy		RecoverPointConsistencyGroupCopyIdentity
consistencyGroupIdentity		RecoverPointConsistencyGroupIdentity

Get L4L7 LB Service Primary IP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	
EPG		ApicDeviceTenantEPGIdentity	
Consumer Tier		gen_text_input	
Provider Tier		gen_text_input	

Outputs

Output	Description	Type
PRIMARY_MGMT_IP		gen_text_input

Get L4L7 Service Definition For Private Network

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y

Outputs

Output	Description	Type
ServiceNames	Service Names	gen_text_input

Get LB Cluster IP Pool

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name		ApicDeviceTenantIdentity	Y
Private Network Name		ApicDeviceTenantPrivateNetwork Identity	Y

Outputs

Output	Description	Type
policyId		IPPoolPolicy

Get Network And Bridge Domains From Container

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y

Outputs

Output	Description	Type
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
BRIDGE_DOMAIN_NAMES	Bridge Domain Names	gen_text_input

Get Port For Add Servers

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Port From User		gen_text_input	
Port		gen_text_input	

Outputs

Output	Description	Type
PORT		gen_text_input

Get Recoverpoint ReplicationSet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set List		gen_text_input	Y
Counter		gen_text_input	Y

Outputs

Output	Description	Type
ReplicationSetIdentity		RecoverPointReplicationSetIdentity

Get Tier Names for L4L7 Service

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Container		ServiceContainer	Y
Service Name		gen_text_input	Y

Outputs

Output	Description	Type
Tier_1		gen_text_input
Tier_2		gen_text_input

Get VNX Lun Identity From Lun List

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Lun Identity		gen_text_input	Y

Outputs

Output	Description	Type
vnxLunIdentity		emcLUNIdentity

Is Bridge Domain Exist

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name		ApicDeviceTenantIdentity	Y
Bridge Domain Name		gen_text_input	Y

Outputs

Output	Description	Type
IS_BRIDGE_DOMAIN_EXIST	yes_or_no	gen_text_input
OUTPUT_TENANT_BRIDGE_DOMAIN_IDENTITY		ApicDeviceTenantBridgeDomainIdentity

Is Service Graph Exist

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant		ApicDeviceTenantIdentity	Y
Service Graph Name		gen_text_input	

Outputs

Output	Description	Type
EXISTING_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
EXISTING_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
IS_SERVICE_GRAPH_EXIST		gen_text_input

Iterator Task

Summary

provides iteration counter.

Description**Inputs**

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
counter		gen_text_input

LoadBalancing Logical Interface Types

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
inside	inside	ApicDevicePackageInterfaceIdentity
outside	outside	ApicDevicePackageInterfaceIdentity

Mail Setup

Summary

This page Configure the SMTP Mail Settings in UCSM.

Description

Set up the SMTP mail server for all outgoing emails from Cisco UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
SMTP Server		gen_text_input	Y
SMTP Port		gen_text_input	Y
Outgoing Email Address		gen_text_input	Y
System IP Address	IP Address of this system that is running the Cisco UCS Director Platform.	gen_text_input	Y
SMTP User		gen_text_input	
SMTP Password		password	
Send Test Email	Select this check box to test the current email server settings		
Test Email Address		gen_text_input	Y

Outputs

No Outputs

Modify L4-L7 Folder Name

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
EPG		ApicDeviceTenantEPGIdentity	Y
Node		ApicTenantL4L7ServiceGraphNodeIdentity	Y
Contract		ApicDeviceTenantContractIdentity	Y
VIP IP		gen_text_input	Y

Outputs

No Outputs

NTP Server

Summary

This Page configure the NTP servers and Update the NTP Servers details.

Description

Configure one or more NTP servers for Cisco UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server(s) :			
Modify NTP Servers			
NTP Servers		gen_text_input	Y

Outputs

No Outputs

Onboarding Lookup

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name		gen_text_input	Y
Tenant profile Name		rgTenantProfileIdentity	Y
Service Offering		ServiceOfferingName	Y
Network Names		gen_text_input	Y
Tenant Description		gen_text_input	
Tenant Admin Username		gen_text_input	
Tenant Admin Password		password	
Tenant Admin Email Id		gen_text_input	
Type		vmwareHostorCluster	Y
No. VDCs		gen_text_input	
Max Number of Subnet		gen_text_input	Y
Max Number of tiers per VDC		gen_text_input	Y
Automatic	With Automatic Datastore selection option Datastore and Datastore cluster will be selected from VMWare ESXi Cluster	Boolean	
VMware Generic Cluster		vmwareClusterIdentity	
Multi Datastore Identity		vmwareMultiDatastoreIdentity	
Multi Datastore Cluster Identity		vmwareMultiDatastoreCluster Identity	

Outputs

Output	Description	Type
OUTPUT_PRIVATE_NETWORK_NAMES		gen_text_input
TENANT_AVAILABLE		gen_text_input
RESOURCEGROUP_NAME		gen_text_input
OUTPUT_RESOURCEGROUP_IDENTITY		TenantResourceGroupIdentity
OUTPUT_TENANT_NO_OF_SUBNET		gen_text_input

Output	Description	Type
RESOURCE_POOL_CPU_RESERVATION_IN_MHz		gen_text_input
APIC_ACCOUNT		ApicDeviceIdentity
OUTPUT_VMWARE_CLUSTER_IDENTITY		vmwareClusterIdentity
VMWARE_ACCOUNT_NAME		vmwareAccountName
RESOURCE_POOL_NAME		gen_text_input
VMWARE_PARENT_RESOURCE_POOL_IDENTITY		gen_text_input
RESOURCE_POOL_IDENTITY		vmwareResourcePoolIdentity
VMWARE_HOSTNODE_IDENTITY		vmwareHostNodeIdentity
VMWARE_MULTI_HOST_IDENTITY		vmwareHostMultiSelect
STORAGE_MULTI_HOST_IDENTITY		vmwareHostMultiSelect
VMWARE_DATACENTER_NAME		datacenterName
OUTPUT_VMWARE_DV_SWITCH_NAME		VMwareDVSwitchIdentity
VMWARE_UPLINK_PORT		uplinkPortGroupLovList
OUTPUT_VMM_DOMAIN_PROFILE_IDENTITY		ApicDomainProfileIdentity
TENANT_IDENTITY		ApicDeviceTenantIdentity
GROUP_ID		gen_text_input
TENANT_NAME		gen_text_input
TENANT_DESCRIPTION		gen_text_input
MSP_ADMIN_USER_NAME		gen_text_input
MSP_ADMIN_PASSWORD		password
MSP_ADMIN_EMAIL		gen_text_input
VMWARE_HOST_OR_CLUSTER		vmwareHostorCluster
TENANT_EPG_DPC_STATIC_PATH1		ApicDeviceDPCStaticPathIdentity
TENANT_EPG_DPC_STATIC_PATH2		ApicDeviceDPCStaticPathIdentity
PHYSICAL_DOMAIN_IDENTITY		ApicPhysicalDomainIdentity
OUTPUT_IP_SUBNET_POOL_POLICY		IPSubnetPoolPolicy
OUTPUT_LOOP_BACK_IP_POOL_POLICY		IPSubnetPoolPolicy
OUTPUT_L2_VLAN_POOL		ApicVlanPoolIdentity
OUTPUT_L3_VLAN_POOL		gen_text_input
OUTPUT_NODE1_IDENTITY		ApicFabricNodeIdentity
OUTPUT_NODE2_IDENTITY		ApicFabricNodeIdentity

Output	Description	Type
SERVICE_OFFERING		ServiceOfferingName
OUTPUT_TENANT_PROFILE_IDENTITY		rgTenantProfileIdentity
OUTPUT_MULTI_DATASTORE_IDENTITY		vmwareMultiDatastoreIdentity
OUTPUT_MULTI_DATASTORE_CLUSTER_IDENTITY		vmwareMultiDatastoreClusterIdentity

RP Journal Storage Assignment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Journal Volume Percentage		gen_text_input	Y
Datastore Size		gen_text_input	

Outputs

Output	Description	Type
rpJournalSize	RP Journal Volume Size	gen_text_input
lunName		gen_text_input

Select Locale

Summary

This Page change Language in UCSM.

Description

Select a locale for Cisco UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
Language	Select a language from the drop-down list.		

Outputs

No Outputs

Service Graph Provider

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Is Service Graph Exist		gen_text_input	Y
Service Graph		ApicDeviceTenantServiceGraphIdentity	
Service Graph Node Identity		ApicTenantL4L7ServiceGraphNodeIdentity	
Exist Service Graph		ApicDeviceTenantServiceGraphIdentity	
Exist Service Graph Node		ApicTenantL4L7ServiceGraphNodeIdentity	

Outputs

Output	Description	Type
TENANT_SERVICE_GRAPH_IDENTITY		ApicDeviceTenantServiceGraphIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity

Trigger L4L7 Inventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
EPG		ApicDeviceTenantEPGIdentity	Y

Outputs

No Outputs

VNX Storage Assignment

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Datastore Size Limit		gen_text_input	Y

Outputs

Output	Description	Type
createDatastoreCluster		gen_text_input
addDatastoreToDatastoreCluster		gen_text_input
lunSizeList		gen_text_input
dsClusterName		vmwareDatastoreClusterName
dsClusterIdentity		vmwareDatastoreClusterIdentity
lunCount		gen_text_input
dataStoreName		gen_text_input
lunName		gen_text_input

isPrivateNetworkCreatedOnTenantOnBoard

Summary

input tenant identity. output will return true or false

Description

This task is used check whether Private Network is created on Tenant OnBoard

Inputs

Input	Description	Mappable To Type	Mandatory
tenantID		ApicOnboardedTenantIdentity	
epgID		ApicDeviceTenantEPGIdentity	

Outputs

Output	Description	Type
IS_PRIVATE_NETWORK_EXIST	YES OR NO	gen_text_input
OUTPUT_TENANT_IDENTITY	TenantIdentity	ApicDeviceTenantIdentity

Get APIC Static Path Type

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Path1		gen_text_input	

Outputs

Output	Description	Type
Static_Path_Interface	Static_Path_Interface	ApicDeviceStaticPathIdentity
Static_Path_VPC	Static_Path_VPC	ApicDeviceVPCStaticPathIdentity
Static_Path_DPC	Static_Path_DPC	ApicDeviceDPCStaticPathIdentity
Path_Type	Path_Type	gen_text_input



Custom VNX Tasks

This chapter contains the following sections:

- [Add Lun to RP Storage Group for DR Site, on page 1498](#)
- [Common LUN Identity, on page 1499](#)
- [Get VNX HLU LUN Id, on page 1500](#)
- [VNX Reserve Host LUN ID, on page 1501](#)
- [VNX Reserve LUN ID, on page 1502](#)

Add Lun to RP Storage Group for DR Site

Summary

Adds the Luns to RP Storage Group and assigns the HLU

Description

Inputs

Input	Description	Mappable To Type	Mandatory
HLU List		gen_text_input	Y
VNX Lun Identity		emcLUNIdentity	Y
RP Storage Group Identity		emcStorageGroupIdentity	Y
Counter		gen_text_input	Y

Outputs

No Outputs

Common LUN Identity

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
LUN ID		emcLUNIdentity	
DR LUN ID		emcLUNIdentity	

Outputs

Output	Description	Type
COMMON_LUN_ID		emcLUNIdentity

Get VNX HLU LUN Id

Summary

Gets HLU and Lun Id from HLU and LUN Identity list

Description

Inputs

Input	Description	Mappable To Type	Mandatory
HLU List		gen_text_input	Y
VNX Lun Identity List		gen_text_input	Y
Counter		gen_text_input	Y
HOST STORAGE HLU LIST		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HLU		gen_text_input
OUTPUT_LUN_ID		gen_text_input
OUTPUT_HOST_STORAGE_HLU		gen_text_input

VNX Reserve Host LUN ID

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Primary Storage Group Identity		emcStorageGroupIdentity	Y
Secondary Storage Group Identity		emcStorageGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_LUN_ID		gen_text_input

VNX Reserve LUN ID

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Primary VNX Account		EMC_AccountIdentity	Y
Secondary VNX Account		EMC_AccountIdentity	Y
LUN Count		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_LUN_ID_LIST		gen_text_input



EMC Isilon Tasks

This chapter contains the following sections:

- [Add Member To Isilon Group, on page 1505](#)
- [Add Permissions to Isilon SMB Share, on page 1506](#)
- [Copy Isilon File System Directory, on page 1507](#)
- [Create ISILON NFS Datastore, on page 1508](#)
- [Create Isilon File System, on page 1509](#)
- [Create Isilon Group, on page 1510](#)
- [Create Isilon NFS Export, on page 1511](#)
- [Create Isilon Namespace Access Point, on page 1513](#)
- [Create Isilon Node Pool, on page 1514](#)
- [Create Isilon Quota, on page 1515](#)
- [Create Isilon Quota Report, on page 1517](#)
- [Create Isilon SMB Share, on page 1518](#)
- [Create Isilon Snapshot, on page 1519](#)
- [Create Isilon Storage Pool Tier, on page 1520](#)
- [Create Isilon User, on page 1521](#)
- [Delete All Isilon Quotas, on page 1522](#)
- [Delete All Isilon Storage Pool Tier, on page 1523](#)
- [Delete Isilon File System, on page 1524](#)
- [Delete Isilon Group, on page 1525](#)
- [Delete Isilon NFS Export, on page 1526](#)
- [Delete Isilon Namespace Access Point, on page 1527](#)
- [Delete Isilon Node Pool, on page 1528](#)
- [Delete Isilon Quota, on page 1529](#)
- [Delete Isilon Quota Report, on page 1530](#)
- [Delete Isilon SMB Share, on page 1531](#)
- [Delete Isilon Snapshot, on page 1532](#)
- [Delete Isilon Storage Pool Tier, on page 1533](#)
- [Delete Isilon User, on page 1534](#)
- [Modify Isilon Active Job, on page 1535](#)
- [Modify Isilon NFS Export, on page 1536](#)
- [Modify Isilon Node Pool, on page 1538](#)
- [Modify Isilon Quota, on page 1539](#)

- [Modify Isilon Quota Report Setting, on page 1541](#)
- [Modify Isilon SMB Share, on page 1542](#)
- [Modify Isilon Snapshot, on page 1543](#)
- [Modify Isilon Storage Pool Setting, on page 1544](#)
- [Modify Isilon Storage Pool Tier, on page 1545](#)
- [Move Isilon File System Directory, on page 1546](#)
- [Remove Member From Isilon Group, on page 1547](#)
- [Remove Permissions from Isilon SMB Share, on page 1548](#)
- [Set the ACL of a directory or file, on page 1549](#)
- [Start Isilon System Job, on page 1550](#)

Add Member To Isilon Group

Summary

Add Member To Existing Isilon Group

Description

This task is used to add member to existing group of either USER or WELLKNOWN member Type.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Enter Isilon Group	Enter the existing Isilon group	gen_text_input	Y
Member Type	Choose the type of the member	EMCIsilonMemberType	
Member	Enter the single member to be added	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMCI_SILON_GROUP_NAME	EMC Isilon Group Name	EMCIsilonGroupName
OUTPUT_EMCI_SILON_MEMBER_NAME	EMC Isilon Member Name	EMCIsilonMemberName
OUTPUT_EMCI_SILON_MEMBER_TYPE	EMC Isilon Member Type	EMCIsilonMemberType

Add Permissions to Isilon SMB Share

Summary

Add Permissions to Isilon SMB Share

Description

This task is used to add permission for the User/Group/wellknown of SMB Share on Isilon Device.

Inputs

Input	Description	Mappable To Type	Mandatory
SMB Share Name	Choose an Isilon SMB share	EMCIsilonSMBShareIdentity	Y
Type	Choose a mapping type	EMCIsilonSMBMappingTypes List	Y
Name	Enter the name of the user or group or well-knowns	gen_text_input	Y
Permission	Choose the permission for the user or group	EMCIsilonSMBPermissionTypes List	Y

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON SMB SHARE IDENTITY	EMC Isilon SMB Share Identity	EMCIsilonSMBShareIdentity
OUTPUT EMC ISILON SMB SHARE PERMISSION IDENTITY	EMC Isilon SMB Share Permission Identity	EMCIsilonSMBSharePermissionIdentity

Copy Isilon File System Directory

Summary

Copies Isilon File System Directory

Description

This task is used to copy a selected Directory to a specified Directory in Isilon File System.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Directory	Enter a directory path to be copied	gen_text_input	Y
Destination Directory	Enter the path where you want to copy the selected directory	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Create ISILON NFS Datastore

Summary

Create ISILON NFS Datastore

Description

This task is used to Create/Mount NFS Export as datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Host Node	Choose the hosts on which to create a datastore	vmwareHostNodeIdentity	Y
NFS Path	Choose an NFS path to mount	EMCIsilonNfsPathIdentity	Y
Datastore Name	Enter a datastore name	gen_text_input	
Access Mode	Choose an access mode	gen_text_input	Y
Success Criteria	Choose the success criteria	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create Isilon File System

Summary

Create Isilon File System

Description

This task is used to create Directory or file in Isilon File System.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Type	Choose a type of directory or file	EMCIsilonFileSystem TypeList	Y
Full Path	Enter a full path of the directory or file to be created	gen_text_input	Y
Set Access Control List	Check to set the access control list		
Select ACL	Choose the access control for the directory or file	gen_text_input	
Enter POSIX	Enter a POSIX mode as an octal string in case ACL is selected as None	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON FILE PATH	EMC Isilon File Path	EMCIsilonFilePath
OUTPUT EMC ISILON DIRECTORY PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath

Create Isilon Group

Summary

Create Isilon Group

Description

This task is used to create group with multiple members.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Group Name	Enter the group name	gen_text_input	
Member Type	Choose the type of the member	EMCIsilonMemberType	
Members	Enter one or more members of the group. Separate the members with commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON GROUP NAME	EMC Isilon Group Name	EMCIsilonGroupName
OUTPUT EMC ISILON MEMBER NAME	EMC Isilon Member Name	EMCIsilonMemberName
OUTPUT EMC ISILON MEMBER TYPE	EMC Isilon Member Type	EMCIsilonMemberType

Create Isilon NFS Export

Summary

Create Isilon NFS Export

Description

This task is used to create NFS Export in isilon device with following parameters. 1.Export path 2.Description of the Export 3.Clients have access to export 4.Clients who have read only access 5.Clients who have read-write access 6.Clients who have root access 7.Enabling mount access to subdirectories 8.Restrict access to read-only for the export created.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
Path	Enter the path under /ifs that is to be exported	EMCIsilonDirectory Path	Y
Description	Enter the description for the export	gen_text_input	
Clients	Enter one or more clients that have access to the export. Separate the clients with commas.	gen_text_input	
Read-Only Clients	Enter one or more clients that have read-only access to the export. Separate the clients with commas.	gen_text_input	
Read-Write Clients	Enter one or more clients that have read and write access to the export, even if the export is read-only. Separate the clients with commas.	gen_text_input	
Root Clients	Enter one or more clients that have root access to the export. Separate the clients with commas.	gen_text_input	
Enable mount access to subdirectories	Check to enable mount access for subdirectories		
Restrict access to read-only	Check to make the export read-only		
Mapping access	Choose the access for users-to-groups mapping	EMCIsilonNFSUser AccessType	Y
Specify Username	Enter the username	gen_text_input	
Specify User Group(s)		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMC_ISILON_EXPORT_IDENTITY	EMC Isilon NFS Export Identity	EMCIsilonNfsExportIdentity
OUTPUT_EMC_ISILON_NFS_EXPORT_PATH	EMC Isilon NFS Export Path	EMCIsilonNfsExportPath
OUTPUT_EMC_ISILON_NFS_EXPORT_DESCRIPTION	EMC Isilon NFS Export Description	EMCIsilonNfsExportDescription
OUTPUT_EMC_ISILON_NFS_PATH_IDENTITY	EMC Isilon NFS Path Identity	EMCIsilonNfsPathIdentity
OUTPUT_EMC_ISILON_DIRECTORY_PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath

Create Isilon Namespace Access Point

Summary

Creates Namespace Access Point

Description

This task is used to create an EMC Isilon Namespace Access Point for a selected ISILON account.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Namespace Access Point Name	Enter a namespace access point name	gen_text_input	
Path	Enter a namespace access point path	EMCIsilonDirectoryPath	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EM_C_ISILON_NAMESPACE_IDENTITY	EMC Isilon Namespace Identity	EMCIsilonNamespaceIdentity
OUTPUT_EM_C_ISILON_NAMESPACE_ACCESS_POINT_NAME	EMC Isilon Namespace Access Point Name	EMCIsilonCreateNamespaceAccessPointName
OUTPUT_EM_C_ISILON_NAMESPACE_ACCESS_POINT_PATH	EMC Isilon Namespace Access Point Path	EMCIsilonCreateNamespaceAccessPointPath

Create Isilon Node Pool

Summary

Create EMC ISILON Node Pool

Description

This task is used to Create manually managed Node pool. Node pool name and node lnn is mandatory

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Node Pool Name	Enter a name for the selected node pool	gen_text_input	
Nodes	Choose nodes to add to the node pool	EMCIsilonNodeIdentity	

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMCI_SILON_NODE_POOL_IDENTITY	EMC Isilon Node Pool Identity	EMCIsilonNodePoolIdentity
OUTPUT_EMCI_SILON_NODE_POOL_NAME	EMC Isilon Node Pool Name	EMCIsilonNodePoolName

Create Isilon Quota

Summary

Creates a new Isilon Quota

Description

This task is used to create a new Isilon Quota.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
Type	Choose the type of quota	EMCIsilonQuotaType	Y
User	Enter the user	gen_text_input	Y
Group	Enter the group	gen_text_input	Y
Path	Enter the /ifs path governed	EMCIsilonDirectoryPath	Y
Include Snapshots	Check to include snapshot data as well as head data		Y
Thresholds Include Overhead	Leave checked for thresholds to include data plus filesystem overhead required to store the data (for example, 'physical' usage)		Y
Enforced	Leave checked for the quota be enforced. Otherwise the quota is for accounting only.		Y
Advisory	Enter the usage in limit value at which notifications are sent but writes are not denied	gen_text_input	
Advisory Limit	Choose the unit for the advisory limit	EMCIsiloNSizeTypeList	
Hard	Enter the usage in limit value at which further writes are denied	gen_text_input	
Hard Limit	Choose the unit for the hard limit	EMCIsiloNSizeTypeList	
Soft	Enter the usage in limit value at which notifications are sent and soft grace time is started	gen_text_input	
Soft Limit	Choose the unit for the soft limit	EMCIsiloNSizeTypeList	
Soft Grace	Choose the grace period in days or hours	gen_text_input	
Soft Grace Limit	Choose the grace period units, either days or hours	EMCIsilontTimePeriod List	

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMCI_SILON_QUOTA_ENFORCED	EMC Isilon Quota Enforced	EMCIsilonQuotaEnforced
OUTPUT_EMCI_SILON_QUOTA_INCLUDE_SNAPSHOT	EMC Isilon Quota Include Snapshot	EMCIsilonQuotaIncludeSnapshot
OUTPUT_EMCI_SILON_QUOTA_THRESHOLD_INCLUDE_OVERHEAD	EMC Isilon Quota Threshold Include Overhead	EMCIsilonQuotaThresholdIncludeOverhead
OUTPUT_EMCI_SILON_QUOTA_TYPE	EMC Isilon Quota Type	EMCIsilonQuotaType
OUTPUT_EMCI_SILON_QUOTA_IDENTITY	EMC Isilon Quota Identity	EMCIsilonQuotaIdentity

Create Isilon Quota Report

Summary

Creates a new Isilon Quota Report

Description

This task is used to new Isilon Quota Report.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Do you want to manually schedule the Quota Report?			Y

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMCI_SILON_QUOTA_SUMMARY_REPORT_IDENTITY	EMC Isilon Quota Summary Report Identity	EMCIsilonQuotaReport Identity
OUTPUT_EMCI_SILON_QUOTA_DETAIL_REPORT_IDENTITY	EMC Isilon Quota Detailed Report Identity	EMCIsilonQuotaReport Identity

Create Isilon SMB Share

Summary

Create EMC ISILON SMB Share

Description

This task is used to Create SMB Share on Isilon Device with the following parameters 1. SMB Share Name 2. SMB Share Description 3. SMB Share path

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
SMB Share Name	Enter a SMB share name	gen_text_input	
SMB Share Description	Enter a description	gen_text_input	
Path	Enter a SMB share path	EMCIsilonDirectory Path	Y
Allow Variable Expansion	Check to expand path variables (%U, %L, %D, %Z) in the share directory path		
Auto-Create Directories	Leave checked for the share to automatically create directories when users access the share for the first time. Available only if the share path includes path variables.		

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON SMB SHARE IDENTITY	EMC Isilon SMB Share Identity	EMCIsilonSMBShare Identity
OUTPUT EMC ISILON SMB SHARE NAME	EMC Isilon SMB Share Name	EMCIsilonSMBShareName
OUTPUT EMC ISILON SMB SHARE PATH	EMC Isilon SMB Share Path Identity	EMCIsilonSMBSharePath
OUTPUT EMC ISILON DIRECTORY PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath

Create Isilon Snapshot

Summary

Create Isilon Snapshot

Description

This task is used to create snapshot with alias name and expiry date.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Snapshot Name	Enter a snapshot name	gen_text_input	
Directory Path	Enter a snapshot path	EMCIsilonDirectoryPath	Y
Create an Alias	Check if an alias is required		Y
Alias Name	Enter an alias name	gen_text_input	
Snapshot Expiration	Choose a snapshot expiration	EMCIsilonSnapshotExpiry	
Snapshot Expiration Date	Enter the snapshot expiry date in MM/DD/YYYY format	date	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON SNAPSHOT IDENTITY	EMC Isilon Snapshot Identity	EMCIsilonSnapshotIdentity
OUTPUT EMC ISILON SNAPSHOT NAME	EMC Isilon Snapshot Name	EMCIsilonSnapshotName
OUTPUT EMC ISILON DIRECTORY_PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath
OUTPUT EMC ISILON SNAPSHOT ALIAS_IDENTITY	EMC Isilon Snapshot Alias Identity	EMCIsilonSnapshotIdentity
OUTPUT EMC ISILON SNAPSHOT ALIAS_NAME	EMC Isilon Snapshot Alias Name	EMCIsilonSnapshotName

Create Isilon Storage Pool Tier

Summary

Create Isilon Storage Pool Tier

Description

This task is used to create Storage Pool Tier in isilon Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Storage Pool Tier Name	Enter a storage pool tier name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON STORAGE POOL TIER IDENTITY	EMC Isilon Storage Pool Tier Identity	EMCIsilonStoragePoolTier Identity
OUTPUT EMC ISILON STORAGE POOL TIER NAME	EMC Isilon Storage Pool Tier Name	EMCIsilonStoragePoolTier Name

Create Isilon User

Summary

Create Isilon User

Description

This task is used to create user with following information. 1.Ful name 2. Email Address 3.Home Directory 4.Unix Shell 5. Account Expiry date. 6. Enabling the User Account.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
Name	Enter the user name	gen_text_input	
Password	Enter a password for the user	password	
Allow Password to Expire	Check to allow the password to expire periodically		
Full Name	Enter the full name of the user	gen_text_input	
Email Address	Enter an email address of the user	email_address_list	
Primary Group	Enter a primary group	gen_text_input	
Home Directory	Enter a home directory	gen_text_input	
Unix Shell	Choose a Unix shell	EMCIsilonUnixShell	
Allow Account to Expire	Check to allow the account to expire on selected date		
Account Expiration Date	Choose the account expiry date	date	
Enable the Account	Check to enable the account		

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON USER NAME	EMC Isilon User Name	EMCIsilonUserName

Delete All Isilon Quotas

Summary

Delete All Isilon Quotas from the system

Description

This task is used to delete all the Quotas available in ISILON Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Do you want to delete All Quotas?			Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete All Isilon Storage Pool Tier

Summary

Delete All Isilon Storage Pool Tier from the system

Description

This task is used to delete all the storage tier available in ISILON Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Do you want to delete All Storage Pool Tiers?			Y

Outputs

Output	Description	Type
OUTPUT_EMCC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon File System

Summary

Deletes Isilon File System

Description

This task is used to delete the Directory or file created on Isilon File System. Recursive must be enabled if target directory is not empty

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
Directory/File	Enter the directory or file to be removed from the Isilon system	gen_text_input	Y
Do you want to delete selected Dir/File?			Y
Recursive	Check if the selected directory is not empty		

Outputs

Output	Description	Type
OUTPUT_EMCI_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Group

Summary

Delete Isilon Group

Description

This task is used to delete the group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Select Isilon Group	Enter the Isilon group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon NFS Export

Summary

Delete Isilon NFS Export

Description

This task is used to delete NFS Export in isilon device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon NFS Export	Choose an Isilon NFS Export	EMCIsilonNfsExport Identity	Y
Do you want to delete selected NFS Export?			Y

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Namespace Access Point

Summary

Deletes Namespace Access Point

Description

This task is used to delete a selected EMC Isilon Namespace Access Point from a specified ISILON account.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Namespace Access Point		EMCIsilonNamespace Identity	Y
Do you want to delete selected Namespace Access Point?			Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Node Pool

Summary

Delete manually Isilon Node Pool

Description

This task is used to delete the manually managed EMC Isilon Storage Node Pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Node Pool	Choose the Isilon node pool that you want to delete	EMCIsilonNodePool Identity	Y
Do you want to delete selected Node Pool?			Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Quota

Summary

Deletes the Isilon Quota

Description

This task is used to delete the existing quota.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Quota	Choose an Isilon quota	EMCIsilonQuotaIdentity	Y
Do you want to delete selected Quota?			Y

Outputs

Output	Description	Type
OUTPUT_EMCC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Quota Report

Summary

Deletes the Isilon Quota Report

Description

This task is used to delete the existing Isilon Quota Report.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Quota Report	Choose an Isilon quota report that you want to delete	EMCIsilonQuotaReport Identity	Y
Do you want to delete selected Quota Report?			Y

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon SMB Share

Summary

Delete EMC ISILON SMB Share

Description

This task is used to delete the selected SMB share.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon SMB Share	Choose an Isilon SMB share	EMCIsilonSMBShare Identity	Y
Do you want to delete selected Share?			Y

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMC_ISILON_SMB_SHARE_PATH	EMC Isilon SMB Share Path Identity	EMCIsilonSMBSharePath

Delete Isilon Snapshot

Summary

Delete Isilon Snapshot

Description

This task is used to delete snapshot and its alias if any.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Snapshot	Choose an Isilon snapshot	EMCIsilonSnapshot Identity	Y
Do you want to delete selected Snapshot and its alias ?			Y

Outputs

Output	Description	Type
OUTPUT_EMCI_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon Storage Pool Tier

Summary

Delete Isilon Storage Pool Tier

Description

This task is used to delete the selected storage tier available in ISILON Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Storage Pool Tier	Choose an Isilon storage pool tier	EMCIsilonStoragePoolTier Identity	Y
Do you want to delete selected Storage Pool Tier?			Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Delete Isilon User

Summary

Delete Isilon User

Description

This task is used to delete user account in isilon device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Select Isilon User	Enter the Isilon user	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Modify Isilon Active Job

Summary

Modify the state of Isilon Active Job

Description

This task is used to modify the state of currently running/paused Isilon Job.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Active Job	Choose an Isilon active job	EMCIsilonActiveJobIdentity	Y
Impact Policy	Choose a impact policy for the job	EMCIsilonJobPolicyIdentity	
Priority	Choose a priority	EMCIsilonJobPriorityList	
State	Choose a state	EMCIsilonJobStateList	

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMC_ISILON_ACTIVE_JOB_IDENTITY	EMC Isilon Active Job Identity	EMCIsilonActiveJobIdentity
OUTPUT_EMC_ISILON_JOB_POLICY_IDENTITY	EMC Isilon Job Policy Identity	EMCIsilonJobPolicyIdentity

Modify Isilon NFS Export

Summary

Modifies the selected Isilon NFS Export

Description

This task is used to modify the NFS Export Path ,description and its different access clients.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon NFS Export	Choose an Isilon NFS Export	EMCIsilonNfsExport Identity	Y
Path	Enter the path under /ifs that is to be exported	EMCIsilonDirectory Path	Y
Description	Enter the description for the export	gen_text_input	
Clients	Enter one or more clients that have access to the export. Separate the clients with commas.	gen_text_input	
Read-Only Clients	Enter one or more clients that have read-only access to the export. Separate the clients with commas.	gen_text_input	
Read-Write Clients	Enter one or more clients that have read and write access to the export, even if the export is read-only. Separate the clients with commas.	gen_text_input	
Root Clients	Enter one or more clients that have root access to the export. Separate the clients with commas.	gen_text_input	
Enable mount access to subdirectories	Check to enable mount access for subdirectories		
Restrict access to read-only	Check to make the export read-only		
Mapping access	Choose the access for users-to-groups mapping	EMCIsilonNFSUser AccessType	
Specify Username	Enter the username	gen_text_input	
S(s)		gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Output	Description	Type
OUTPUT_EMC_ISILON_EXPORT_IDENTITY	EMC Isilon NFS Export Identity	EMCIsilonNfsExportIdentity
OUTPUT_EMC_ISILON_NFS_EXPORT_PATH	EMC Isilon NFS Export Path	EMCIsilonNfsExportPath
OUTPUT_EMC_ISILON_NFS_EXPORT_DESCRIPTION	EMC Isilon NFS Export Description	EMCIsilonNfsExportDescription
OUTPUT_EMC_ISILON_DIRECTORY_PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath

Modify Isilon Node Pool

Summary

Modify EMC ISILON Node Pool

Description

This task is used to Modify any of the following values for the selected Node Pool. 1. Node Pool Name
2. Node Pool tier association 3. Node Pool Protection level

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Node Pool	Choose the Isilon node pool that you want to modify	EMCIsilonNodePoolIdentity	Y
Node Pool Name	Enter a new name for the selected node pool	gen_text_input	
Storage Pool Tier	Choose the tier with which you want to associate the node pool	EMCIsilonStoragePoolTier Identity	
Protection Policy	Choose a protection policy value	EMCIsilonProtectionPolicy List	

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON NODE POOL IDENTITY	EMC Isilon Node Pool Identity	EMCIsilonNodePoolIdentity
OUTPUT EMC ISILON NODE POOL NAME	EMC Isilon Node Pool Name	EMCIsilonNodePoolName
OUTPUT EMC ISILON STORAGE POOL TIER IDENTITY	EMC Isilon Storage Pool Tier Identity	EMCIsilonStoragePoolTier Identity

Modify Isilon Quota

Summary

Modifies Isilon Quota

Description

This task is used to modify the existing quota.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Quota	Choose an Isilon quota	EMCIsilonQuota Identity	Y
Thresholds Include Overhead	Leave checked for thresholds to include data plus filesystem overhead required to store the data (for example 'physical' usage)		Y
Enforced	Leave checked for the quota be enforced. Otherwise the quota is for accounting only.		Y
Advisory	Enter the usage in limit value at which notifications are sent but writes are not denied	gen_text_input	
Advisory Limit	Choose the unit for the advisory limit	EMCIsiloNSizeType List	
Hard	Enter the usage in limit value at which further writes are denied	gen_text_input	
Hard Limit	Choose the unit for the hard limit	EMCIsiloNSizeType List	
Soft	Enter the usage in limit value at which notifications are sent and soft grace time is started	gen_text_input	
Soft Limit	Choose the unit for soft limit	EMCIsiloNSizeType List	
Soft Grace	Choose the grace period in days or hours	gen_text_input	
Soft Grace Limit	Choose the grace period units, either days or hours	EMCIsilontimePeriod List	

Outputs

Output	Description	Type
OUTPUT EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC_ISILON_QUOTA_ENFORCED	EMC Isilon Quota Enforced	EMCIsilonQuotaEnforced

Output	Description	Type
OUTPUT_EMC_ISILON_QUOTA_INCLUDE_SNAPSHOT	EMC Isilon Quota Include Snapshot	EMCIsilonQuotaIncludeSnapshot
OUTPUT_EMC_ISILON_QUOTA_THRESHOLD_INCLUDE_OVERHEAD	EMC Isilon Quota Threshold Include Overhead	EMCIsilonQuotaThresholdIncludeOverhead
OUTPUT_EMC_ISILON_QUOTA_TYPE	EMC Isilon Quota Type	EMCIsilonQuotaType
OUTPUT_EMC_ISILON_QUOTA_IDENTITY	EMC Isilon Quota Identity	EMCIsilonQuotaIdentity

Modify Isilon Quota Report Setting

Summary

Modify Isilon Quota Report Setting

Description

This task is used to modify quota report for following parameters. 1.Directory path where manual /live reports to be stored. 2.Number of manual reports to keep. 3. The Schedule date to generate reports. 4.Directory path where scheduled reports to be stored. 5. Number of scheduled reports to keep.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Live Directory	Enter the directory on /ifs where manual or live reports are placed	EMCIsilonFileSystemIdentity	Y
Live Retain	Enter the number of manual reports to keep	gen_text_input	Y
Schedule	Enter the isidate schedule used to generate reports	gen_text_input	Y
Scheduled Directory	Enter the directory on /ifs where schedule reports are placed	EMCIsilonFileSystemIdentity	Y
Scheduled Retain	Enter the number of scheduled reports to keep	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMCC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Modify Isilon SMB Share

Summary

Modify EMC ISILON SMB Share

Description

This task is used to Modify any of the following values for the selected SMB share. 1. SMB Share Name
2. SMB Share Description 3. SMB Share path

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon SMB Share	Choose an Isilon SMB share	EMCIsilonSMBShare Identity	Y
SMB Share Name	Enter a new name for the selected SMB share	gen_text_input	Y
SMB Share Description	Enter a description	gen_text_input	
Path	Enter a new shared directory	EMCIsilonDirectory Path	Y
Allow Variable Expansion	Check to expand path variables (%U, %L, %D, %Z) in the share directory path		
Auto-Create Directories	Leave checked for the share to automatically create directories when users access the share for the first time. Available only if the share path includes path variables.		

Outputs

Output	Description	Type
OUTPUT EMC ISILON SYSTEM IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT EMC ISILON SMB SHARE IDENTITY	EMC Isilon SMB Share Identity	EMCIsilonSMBShare Identity
OUTPUT EMC ISILON SMB SHARE NAME	EMC Isilon SMB Share Name	EMCIsilonSMBShareName
OUTPUT EMC ISILON SMB SHARE PATH	EMC Isilon SMB Share Path Identity	EMCIsilonSMBSharePath
OUTPUT EMC ISILON DIRECTORY PATH	EMC Isilon Directory Path	EMCIsilonDirectoryPath

Modify Isilon Snapshot

Summary

Modify Isilon Snapshot

Description

This task is used to modify snapshot and its alias .Expiry date will not be prompted while modifying snapshot alias.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Snapshot	Choose an Isilon snapshot	EMCIsilonSnapshot Identity	Y
Snapshot Name	Enter a new name for the selected snapshot	gen_text_input	
Snapshot Expiration	Choose a snapshot expiration	EMCIsilonSnapshotExpiry	
Snapshot Expiration Date	Enter the snapshot expiry date in MM/DD/YYYY format	date	

Outputs

Output	Description	Type
OUTPUT_EMC_ISILON_SNAPSHOT_IDENTITY	EMC Isilon Snapshot Identity	EMCIsilonSnapshotIdentity
OUTPUT_EMC_ISILON_SNAPSHOT_NAME	EMC Isilon Snapshot Name	EMCIsilonSnapshotName

Modify Isilon Storage Pool Setting

Summary

Modify Isilon Storage Pool Setting

Description

This task is used to modify the selected storage pool with following settings. 1. Automatically manage IO Optimization settings/protection settings 2. Enabling for namespace operations by storing metadata. 3. Adding additional protection level to all directories 4. Spill writes into other pools 5. Deny writes into reserved virtual hot spare space 6. Hide reserved virtual hot spare space from free space counts 7. The number of drives to reserve for the virtual hot spare 8. The percent space to reserve for the virtual hot spare.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystem Identity	Y
IO Optimization	Choose to automatically manage IO optimization settings on files	EMCIsilon IOOptimizationList	
Manage Protection	Choose to automatically manage protection settings on files	EMCIsilonManage ProtectionList	
Acceleration Enabled	Choose to optimize namespace operations by storing metadata on SSDs	EMCIsilonBooleanList	
Protect Directories	Choose to automatically add an additional protection level to all directories	EMCIsilonBooleanList	
Spillover Enabled	Choose to spill writes into other pools as needed	EMCIsilonBooleanList	
Virtual Hot Spare Deny Writes	Choose to deny writes into the reserved virtual hot spare space	EMCIsilonBooleanList	
Virtual Hot Spare Hide Spare	Choose to hide the reserved virtual hot spare space from free space counts	EMCIsilonBooleanList	
Virtual Hot Spare Limit Drives	Enter the number of drives to reserve for the virtual hot spare, from 0 to 4	gen_text_input	
Virtual Hot Spare Limit Percent	Enter the percent space to reserve for the virtual hot spare, from 0 to 20	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Modify Isilon Storage Pool Tier

Summary

Modify Isilon Storage Pool Tier

Description

This task is used to modify Storage Pool Tier's name in isilon Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Storage Pool Tier	Choose an Isilon storage pool tier	EMCIsilonStoragePoolTier Identity	Y
Storage Pool Tier Name	Enter a new name for the selected storage pool tier	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EMCI_SILON_STORAGE_POOL_TIER_IDENTITY	EMC Isilon Storage Pool Tier Identity	EMCIsilonStoragePoolTier Identity
OUTPUT_EMCI_SILON_STORAGE_POOL_TIER_NAME	EMC Isilon Storage Pool Tier Name	EMCIsilonStoragePoolTier Name

Move Isilon File System Directory

Summary

Moves Isilon File System Directory

Description

This task is used to move a selected Directory to a specified Directory in Isilon File System.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Directory	Enter the name of the directory you want to move	gen_text_input	Y
Destination Directory	Enter the destination directory where you want to move the selected directory	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMCI_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Remove Member From Isilon Group

Summary

Remove Member From Existing Isilon Group

Description

This task is used to remove member from existing group of USER member Type.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Enter Isilon Group	Enter the existing Isilon group	gen_text_input	Y
Member	Enter the member of the group to be removed	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Remove Permissions from Isilon SMB Share

Summary

Remove Permissions from Isilon SMB Share

Description

This task is used to remove user/group/wellknown from the SMB Share.

Inputs

Input	Description	Mappable To Type	Mandatory
SMB Share Name	Choose an Isilon SMB share	EMCIsilonSMBShareIdentity	Y
User / Group Permission	Choose users or groups to be removed from share	EMCIsilonSMBSharePermissionIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity
OUTPUT_EM_C_ISILON_SMB_SHARE_IDENTITY	EMC Isilon SMB Share Identity	EMCIsilonSMBShareIdentity

Set the ACL of a directory or file

Summary

Set the ACL of a directory or file

Description

This task is used to provide specified access rights/type for the directory/file to the trustee in Isilon Device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Account	Choose an Isilon account	EMCIsilonSystemIdentity	Y
Directory/File	Enter the directory or file	EMCIsilonDirectoryPath	Y
Trustee	Enter a user as trustee	gen_text_input	Y
Access Type	Enter the access type	gen_text_input	Y
Access Rights	Enter the access rights	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_ISILON_SYSTEM_IDENTITY	EMC Isilon System Identity	EMCIsilonSystemIdentity

Start Isilon System Job

Summary

Start an EMC Isilon System Job

Description

This task is used to start an EMC Isilon system job.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Isilon Job Type	Choose an Isilon job type to start	EMCIsilonSystemJobType	Y
Do you want to run the selected System Job?			Y
Allow Duplicate Jobs			
Priority	Choose to set the priority		

Outputs

Output	Description	Type
OUTPUT_EMCI_SILON_SYSTEM_JOB_TYPE	EMC Isilon System Job Type	EMCIsilonSystemJobType



EMC RecoverPoint Tasks

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Add RecoverPoint Copy Link

Summary

Add a RecoverPoint copy link between CG copies.

Description

This task adds a link between the selected consistency group (CG) copies.

Inputs

Input	Description	Mappable To Type	Mandatory
First Copy	Choose the production copy for a consistency group	RecoverPointConsistencyGroupCopyIdentity	Y
Second Copy	Choose the replication copy for a consistency group	RecoverPointConsistencyGroupCopyIdentity	Y
Replication Mode	Choose the replication mode	RPReplicationType	Y
Dynamic By Latency	Check to alternate between synchronous and asynchronous replication based on latency limits	EMCRPBooleanList	
Start async replication above in Milliseconds	Enter the latency in milliseconds above which asynchronous replication is to be started	gen_text_input	
Resume sync replication below in Milliseconds	Enter the latency in milliseconds below which synchronous replication is to be resumed	gen_text_input	
Dynamic By Throughput	Check to alternate between synchronous and asynchronous replication based on throughput limits	EMCRPBooleanList	
Start async replication above	Enter the throughput above which asynchronous replication is to be started	gen_text_input	
ThroughPut Unit	Choose a unit for the throughput upper limit	RPLinkPolicyDynamicThroughPut	
Resume sync replication below	Enter the throughput below which synchronous replication is to be resumed	gen_text_input	
ThroughPut Unit	Choose a unit for the throughput lower limit	RPLinkPolicyDynamicThroughPut	
Sync RPO	Enter the interval between data transfers across the link	gen_text_input	Y
Sync RPO Unit	Choose the unit of RPO	RPLinkPolicyRpo	Y
Async RPO	Enter the interval between data transfers across the link	gen_text_input	Y
Async RPO Unit	Choose the unit of RPO	RPLinkPolicyRpo	Y

Input	Description	Mappable To Type	Mandatory
Compression	Choose the level of compression	RPAsyncLinkPolicy Compression	Y
Enable Deduplication	Check to enable deduplication	EMCRPBooleanList	
Snapshot Granularity	Choose the snapshot granularity for the link policy	RPLinkPolicySnapshot Granularity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EMCRP_CG_FIRST_COPY_IDENTITY	EMC RP CG First Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT_EMCRP_CG_SECOND_COPY_IDENTITY	EMC RP CG Second Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT_EMCRP_CG_LINK_POLICY_IDENTITY	EMC RP CG Link Policy Identity.	RecoverPointConsistencyGroup LinkPolicyIdentity

Add RecoverPoint Journal Volume

Summary

Add a RecoverPoint journal volume.

Description

This task adds a RecoverPoint journal volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a RecoverPoint consistency group copy	RecoverPointConsistencyGroupCopyIdentity	Y
Journal Volume	Choose the volume to add as a journal volume to copy	RecoverPointVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_RP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_EMC_RP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity
OUTPUT_EMC_RP_CLUSTER_IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity
OUTPUT_EMC_RP_CG_COPY_JOURNAL_VOLUME_IDENTITY	EMC RP CG Copy Journal Volume Identity.	RecoverPointConsistencyGroupCopyJournalVolumeIdentity

Add RecoverPoint User Volume

Summary

Add a RecoverPoint user volume.

Description

This task adds a RecoverPoint user volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set	Select RecoverPoint Replication Set	RecoverPointReplicationSet Identity	Y
Consistency Group Copy	Choose a RecoverPoint consistency group copy	RecoverPointConsistencyGroup CopyIdentity	Y
User Volume	Choose the volume to add as a user volume to the copy	RecoverPointVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT EMC RP CG COPY IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT EMC RP CG IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroup Identity
OUTPUT EMC RP CLUSTER IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity
OUTPUT EMC RP CG REPLICATION SET VOLUME IDENTITY	EMC RP Replication Set Volume Identity.	RecoverPointReplicationSet VolumeIdentity

Apply RecoverPoint Bookmark

Summary

Apply a RecoverPoint bookmark.

Description

This task applies a RecoverPoint bookmark.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Consistency Group	Choose a consistency group for which to create a bookmark	RecoverPointConsistencyGroupIdentity	Y
Bookmark Name	Enter a name for the bookmark	gen_text_input	
Consistency Type	Choose a consistency type	RPConsistencyType	Y
consolidation Policy	Choose a consolidation policy	RPConsolidationPolicy	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Assign EMC RecoverPoint Cluster to Pod

Summary

Assign a RecoverPoint cluster to a pod.

Description

This task assigns an EMC RecoverPoint cluster to a pod.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose a RecoverPoint cluster	RecoverPointClusterIdentity	Y
Select Pod	Choose the pod to assign to the selected cluster	RecoverPointPodIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_RP_CLUSTER_IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity
OUTPUT_EM_C_RECOVERPOINT_POD_IDENTITY	EMC RP Pod Identity.	RecoverPointPodIdentity

Attach RecoverPoint ReplicationSet Volume to Splitter

Summary

Attach a RecoverPoint ReplicationSet volume to a splitter.

Description

This task attaches a RecoverPoint ReplicationSet volume to a splitter.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set Volume	Choose a user volume of a replication set to attach a splitter to	RecoverPointReplicationSetVolumeIdentity	Y
Splitter	Choose the RecoverPoint splitter to attach to the selected volume	RecoverPointSplitterIdentity	Y
Attach as Clean	Check if the volume has no data written already. If left unchecked, a volume sweep is performed.	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT_EMCRP_REPLICATION_SET_VOLUME_IDENTITY	EMC RP Replication Set Volume Identity.	RecoverPointReplicationSetVolumeIdentity
OUTPUT_EMCRP_SPLITTER_IDENTITY	EMC RP Splitter Identity.	RecoverPointSplitterIdentity

Collect RecoverPoint Snapshots

Summary

Collect RecoverPoint snapshots.

Description

This task collects updated RecoverPoint snapshots.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group for which to collect the latest snapshots	RecoverPointConsistencyGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Create RecoverPoint Consistency Group

Summary

Create a RecoverPoint consistency group.

Description

This task creates a RecoverPoint consistency group (CG).

Inputs

Input	Description	Mappable To Type	Mandatory
RecoverPoint Account	Choose a RecoverPoint account	RecoverPointAccount Identity	Y
Consistency Group Name	Enter a name for the consistency group	gen_text_input	
Production Name	Enter a descriptive name for the production copy	gen_text_input	
RPA Cluster	Choose the RPA cluster responsible for managing the production copies and the production journal	RecoverPointCluster Identity	Y
Modify Group Policy	Check to modify the group policy	EMCRPBooleanList	
Primary RPA	Choose the primary RPA for the consistency group	RecoverPoint RPAIdentity	
Priority	Choose the priority level	RPCGGroupPolicy Priority	
Distribute Group	Check to create a distributed group. A distributed group writes across multiple RPAs.	EMCRPBooleanList	
Secondary RPAs	Choose secondary RPAs for the distributed consistency group	RecoverPointRPAMulti Select	Y
Modify Copy Policy	Check to modify the copy policy	EMCRPBooleanList	
Host OS	Choose the host operating system	RPCGProdPolicyHostOS	Y
Journal Compression	Choose the journal compression level	RPJournalCompression	Y
Maximum Journal Lag	Choose the type of journal lag	RPMMaxJournalLagType	Y
Maximum Journal Lag Size	Enter the maximum journal lag	gen_text_input	
Journal Lag Unit	Choose the unit of the journal lag	RPMMaxJournalLag	Y
Required Protection Window	Check to enable a protection window	EMCRPBooleanList	
Protection Window	Enter the length of time for the protection window	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Window Unit	Choose the protection window time unit	RPJournalProtection Settings	Y
Enable Snapshot Consolidation	Check to enable snapshot consolidation	EMCRPBooleanList	
Do not consolidate snapshots for at least	Enter the length of time for which snapshot consolidation is not to be performed	gen_text_input	Y
Unit(Consolidation Period)	Choose the unit for the consolidation period	RPJournalProtection Settings	Y
consolidate to one snapshot per day	Enter the number of days after which the snapshots are to be consolidated	gen_text_input	Y
Indefinitely	Consolidate SnapShot indefinitely for day	EMCRPBooleanList	
consolidate to one snapshot per week	Enter the number of weeks after which the snapshots are to be consolidated	gen_text_input	Y
Indefinitely	Check to enable snapshot consolidation for an indefinite number of weeks	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT EMC RP SYSTEM IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT EMC RP CG IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroup Identity
OUTPUT EMC RP CG COPY IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT EMC RP CLUSTER IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity

Create RecoverPoint Consistency Group Copy

Summary

Create a RecoverPoint consistency group copy.

Description

This task creates a RecoverPoint consistency group (cg) copy.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a RecoverPoint consistency group	RecoverPoint ConsistencyGroup Identity	Y
Copy Name	Enter a name for the consistency group copy	gen_text_input	
Cluster Name	Choose a RecoverPoint cluster on which to create the copy	RecoverPointCluster Identity	Y
Host OS	Choose the host operating system	RPCGProdPolicyHostOS	Y
Journal Compression	Choose the journal compression level	RPJournalCompression	Y
Maximum Journal Lag	Choose the type of journal lag	RPMaxJournalLagType	Y
Maximum Journal Lag Size	Enter the maximum journal lag	gen_text_input	
Journal Lag Unit	Choose the unit of the journal lag	RPMaxJournalLag	Y
Required Protection Window	Check to enable a protection window	EMCRPBooleanList	
Protection Window	Enter the length of time for the protection window	gen_text_input	Y
Window Unit	Choose the protection window time unit	RPJournalProtection Settings	Y
Enable Snapshot Consolidation	Check to enable snapshot consolidation	EMCRPBooleanList	
Do not consolidate snapshots for at least	Enter the length of time for which snapshot consolidation is not to be performed	gen_text_input	Y
Unit(Consolidation Period)	Choose the unit for the consolidation period	RPJournalProtection Settings	Y
consolidate to one snapshot per day	Enter the number of days after which the snapshots are to be consolidated	gen_text_input	Y
Indefinitely	Check to enable snapshot consolidation for an indefinite number of days	EMCRPBooleanList	

Input	Description	Mappable To Type	Mandatory
consolidate to one snapshot per week	Enter the number of weeks after which the snapshots are to be consolidated	gen_text_input	Y
Indefinitely	Check to enable snapshot consolidation for an indefinite number of weeks	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT_EMCCG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT_EMCCG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroup Identity
OUTPUT_EMCCLUSTER_IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity

Create RecoverPoint Group Set

Summary

Create a RecoverPoint group set.

Description

This task creates a RecoverPoint group set.

Inputs

Input	Description	Mappable To Type	Mandatory
RecoverPoint Account	Choose a RecoverPoint account	RecoverPointAccountIdentity	Y
Group Set Name	Enter a name for the group set	gen_text_input	
Consistency Group Name	Choose the consistency group to add to the group set	RecoverPointConsistencyGroupMultiSelect	Y
Frequency	Enter the time frequency between bookmark creation	gen_text_input	Y
Unit	Choose the unit of time for bookmark frequency	RPGroupSetFrequencyInterval	Y

Outputs

Output	Description	Type
OUTPUT EMC RP SYSTEM IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT EMC RECOVERPOINT GROUP SET IDENTITY	EMC RP Group Set Identity.	RecoverPointGroupSetIdentity

Create RecoverPoint Replication Set

Summary

Create a RecoverPoint replication set.

Description

This task creates a RecoverPoint replication set.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Name	Choose a RecoverPoint consistency group	RecoverPointConsistencyGroupIdentity	Y
Replication Set Name	Enter a name for the replication set	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity
OUTPUT_EMCRP_CG_REPLICATION_SET_IDENTITY	EMC RP Replication Set Identity.	RecoverPointReplicationSetIdentity

Delete RecoverPoint Consistency Group

Summary

Delete a RecoverPoint consistency group.

Description

This task is deletes a RecoverPoint consistency group (CG).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Consistency Group	Choose the consistency group to be deleted	RecoverPointConsistencyGroupIdentity	Y
Do you want to delete the selected consistency group?			Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Delete RecoverPoint Consistency Group Copy

Summary

Delete a RecoverPoint consistency group copy.

Description

This task removes a replication copy from a consistency group (CG) . Production copy can not be removed.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Consistency Group Copy	Choose the consistency group copy to be deleted	RecoverPointConsistencyGroupCopyIdentity	Y
Do you want to delete selected consistency group copy?			Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Delete RecoverPoint Group Set

Summary

Delete a RecoverPoint group set.

Description

This task deletes a RecoverPoint group set.

Inputs

Input	Description	Mappable To Type	Mandatory
Group Set	Choose the group set to delete	RecoverPointGroupSet Identity	Y
Do you want to remove the selected group set?			Y

Outputs

Output	Description	Type
OUTPUT_EM_C_RP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EM_C_RECOVERPOINT_GROUP_SET_IDENTITY	EMC RP Group Set Identity.	RecoverPointGroupSet Identity

Delete RecoverPoint Replication Set

Summary

Delete a RecoverPoint replication set.

Description

This task deletes a RecoverPoint replication set.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Replication Set	Choose the RecoverPoint replication set to be deleted	RecoverPointReplicationSetIdentity	Y
Do you want to delete the selected replication set?			Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Detach RecoverPoint ReplicationSet Volume from Splitter

Summary

Detach a RecoverPoint ReplicationSet volume from a splitter.

Description

This task detaches a RecoverPoint ReplicationSet volume from a splitter.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set Volume	Choose a user volume of a replication set from which to detach a splitter	RecoverPointReplicationSet VolumeIdentity	Y
Splitter	Choose the RecoverPoint splitter to detach from the selected volume	RecoverPointSplitterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_RP_CG_REPLICATION_SET_VOLUME_IDENTITY	EMC RP Replication Set Volume Identity.	RecoverPointReplicationSet VolumeIdentity
OUTPUT_EMC_RP_SPLITTER_IDENTITY	EMC RP Splitter Identity.	RecoverPointSplitterIdentity

Disable RecoverPoint Image Access

Summary

Disable RecoverPoint image access.

Description

This task disables RecoverPoint image access.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy		RecoverPointConsistencyGroupCopy Identity	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_RP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroup CopyIdentity

Edit RecoverPoint Copy Policy

Summary

Edit RecoverPoint copy policy.

Description

This task edits RecoverPoint copy policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a RecoverPoint consistency group copy	RecoverPoint ConsistencyGroupCopy Identity	Y
Copy Name	Enter a name for the consistency group copy		Y
Host OS	Choose the host operating system	RPCGProdPolicyHostOS	Y
Journal Compression	Choose the journal compression level	RPJournalCompression	Y
Maximum Journal Lag	Choose the type of journal lag	RPMMaxJournalLagType	Y
Maximum Journal Lag Size	Enter the maximum journal lag	gen_text_input	
Journal Lag Unit	Choose the unit of the journal lag	RPMMaxJournalLag	Y
Required Protection Window	Check to enable a protection window	EMCRPBooleanList	
Protection Window	Enter the time for the protection window	gen_text_input	Y
Window Unit	Choose the window time unit	RPJournalProtection Settings	Y
Enable Snapshot Consolidation	Check to enable snapshot consolidation	EMCRPBooleanList	
Do not consolidate snapshots for at least	Enter the length of time for which snapshot consolidation is not to be performed	gen_text_input	Y
Unit(Consolidation Period)	Choose the unit for the consolidation period	RPJournalProtection Settings	Y
consolidate to one snapshot per day	Enter the number of days after which the snapshots are to be consolidated	gen_text_input	Y
Indefinitely	Consolidate SnapShot indefinitely for day	EMCRPBooleanList	
consolidate to one snapshot per week	Enter the number of weeks after which the snapshots are to be consolidated	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Indefinitely	Check to enable snapshot consolidation for an indefinite number of weeks	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Edit RecoverPoint Group Policy

Summary

Edit RecoverPoint group policy.

Description

This task edits RecoverPoint group policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Consistency Group	Choose a RecoverPoint consistency group	RecoverPointConsistencyGroupIdentity	Y
Consistency Group Name	Consistency group name		Y
Primary RPA	Choose a primary RPA for the consistency group	RecoverPointRPAIdentity	
Priority	Choose a priority level	RPCGGroupPolicyPriority	
Distribute Group	Check to create a distributed group. A distributed group writes across multiple RPAs.	EMCRPBooleanList	
Secondary RPAs	Choose a secondary RPA for the distributed consistency group	RecoverPointRPAMultiSelect	Y
External Application	Choose an external device	RPCGGroupPolicyExternalApplication	Y
Recovery Copy	Choose a recover copy	RecoverPointConsistencyGroupCopyIdentity	Y
Managed By	Choose an appliance to manage	RPCGGroupPolicyExtAppMangedBy	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Edit RecoverPoint Group Set

Summary

Edit a RecoverPoint group set.

Description

This task edits a RecoverPoint group set.

Inputs

Input	Description	Mappable To Type	Mandatory
Group Set	Choose the group set to modify	RecoverPointGroupSet Identity	Y
Group Set Name	Enter a name for the group set		
Frequency	Enter the time frequency between bookmark creation	gen_text_input	
Unit	Choose the unit of time for bookmark frequency	RPGroupSetFrequency Interval	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_RP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EM_C_RECOVERPOINT_GROUP_SET_IDENTITY	EMC RP Group Set Identity.	RecoverPointGroupSet Identity

Edit RecoverPoint Link Policy

Summary

Edit a RecoverPoint link policy.

Description

This task edits a RecoverPoint link policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Link Policy	Choose a RecoverPoint link policy to be modified	RecoverPoint ConsistencyGroupLink PolicyIdentity	Y
Production Name	Production name		
Copy Name	Copy name		
Replication Mode	Choose the replication mode	RPreplicationType	Y
Dynamic By Latency	Check to alternate between synchronous and asynchronous replication based on the specified latency limits	EMCRPBooleanList	
Start async replication above in Milliseconds	Enter a value for latency in milliseconds above which to start asynchronous replication	gen_text_input	
Resume sync replication below in Milliseconds	Please input resume async replication below in Enter a value for latency in milliseconds below which to resume synchronous replication	gen_text_input	
Dynamic By Throughput	Check to alternate between synchronous and asynchronous replication based on the specified throughput limits	EMCRPBooleanList	
Start async replication above	Enter the value above which to start asynchronous replication	gen_text_input	
ThroughPut Unit	Choose a unit for the throughput limit	RPLinkPolicyDynamic ThroughPut	
Resume sync replication below	Enter the value below which to resume synchronous replication	gen_text_input	
ThroughPut Unit	Choose a unit for the throughput limit	RPLinkPolicyDynamic ThroughPut	
Sync RPO	Enter a value for the interval between data transfers across the link	gen_text_input	Y
Sync RPO Unit	Choose the unit of the RPO	RPLinkPolicyRpo	Y
Async RPO	Enter a value for the interval between data transfers across the link	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Async RPO Unit	Choose the unit of the RPO	RPLinkPolicyRpo	Y
Compression	Choose the level of compression	RPAsyncLinkPolicy Compression	Y
Enable Deduplication	Check to enable deduplication	EMCRPBooleanList	
Snapshot Granularity	Choose the snapshot granularity for the link policy	RPLinkPolicySnapshot Granularity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EMCRP_CG_FIRST_COPY_IDENTITY	EMC RP CG First Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT_EMCRP_CG_SECOND_COPY_IDENTITY	EMC RP CG Second Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT_EMCRP_CG_LINK_POLICY_IDENTITY	EMC RP CG Link Policy Identity.	RecoverPointConsistencyGroup LinkPolicyIdentity

Edit RecoverPoint Replication Set

Summary

Edit a RecoverPoint replication set.

Description

This task edits a RecoverPoint replication set.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set	Choose a replication set to modify	RecoverPointReplicationSet Identity	Y
New Replication Set Name	Enter a new name for the replication set	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroup Identity
OUTPUT_EMCRP_CG_REPLICATION_SET_IDENTITY	EMC RP Replication Set Identity.	RecoverPointReplicationSet Identity

Enable RecoverPoint Image Access

Summary

Enable RecoverPoint image access.

Description

This task enables RecoverPoint image access.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a consistency group copy on which to enable image access	RecoverPointConsistencyGroupCopyIdentity	Y
Image to access	Choose an image to access	RPIImageToAccess	Y
Image Access Mode	Choose a mode of access for the image	RPIImageAccessMode	Y
Snapshot Image	Choose a snapshot to access	RecoverPointSnapshotIdentity	Y
Point in Time	Choose a point in time to access	date_time	Y
Seconds	Enter the second in time you would like to access for the selected point in time	gen_text_input	
BookMark	Enter a bookmark	gen_text_input	
Exact	Check to match the bookmark exactly	EMCRPBooleanList	
Image type	Choose the type of image	RPIImageType	Y
Max range	Enter a value for the maximum range	gen_text_input	
Max Range Units	Choose a unit for the maximum range	RPIImageMaxRange	Y

Outputs

Output	Description	Type
OUTPUT EMC RP SNAPSHOT IDENTITY	EMC RP Snapshot Identity.	RecoverPointSnapshotIdentity
OUTPUT EMC RP CG COPY IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity

Get RecoverPoint Volume Information

Summary

Get RecoverPoint volume information.

Description

This task fetches RecoverPoint volume information.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Array Type	Choose the type of storage array from which the volume is exposed to Recover Point	StorageArrayTypeList	Y
LUN	Choose the LUN for which to fetch information	emcLUNIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCC_RECOVERPOINT_VOLUME_IDENTITY	EMC RP Volume Identity.	RecoverPointVolumeIdentity
OUTPUT_EMCC_RP_CLUSTER_IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity
OUTPUT_EMCC_RP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EMCC_RP_SPLITTER_IDENTITY	EMC RP Splitter Identity.	RecoverPointSplitterIdentity

Recover RecoverPoint Production

Summary

Recover RecoverPoint production.

Description

This task recovers production.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose the RecoverPoint consistency group copy to recover	RecoverPointConsistencyGroupCopyIdentity	Y
Image to access	Choose an image to access	RPIImageToAccess	Y
Snapshot Image	Choose a snapshot to access	RecoverPointSnapshotIdentity	Y
Point in Time	Choose a point in time to access	date_time	Y
Seconds	Enter the second in time to access for the selected point in time	gen_text_input	
BookMark	Enter a bookmark	gen_text_input	
Exact	Check to match the bookmark exactly	EMCRPBooleanList	
Image type	Choose the type of image	RPIImageType	Y
Max range	Enter a maximum range	gen_text_input	
Max Range Units	Choose a unit for the maximum range	RPIImageMaxRange	Y

Outputs

Output	Description	Type
OUTPUT EMC RP SNAPSHOT IDENTITY	EMC RP Snapshot Identity.	RecoverPointSnapshotIdentity
OUTPUT EMC RP CG COPY IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT EMC RP CG IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

RecoverPoint Failover

Summary

Fail over.

Description

This task fails over to an image snapshot.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a consistency group copy	RecoverPointConsistencyGroupCopyIdentity	Y
Image to access	Choose an image to access	RPIImageToAccess	Y
Snapshot Image	Choose a snapshot to access	RecoverPointSnapshotIdentity	Y
Point in Time	Choose a point in time to access	date_time	Y
Seconds	Enter the second in time to access for the selected point in time	gen_text_input	
BookMark	Enter a bookmark	gen_text_input	
Exact	Check to match the bookmark exactly	EMCRPBooleanList	
Image type	Choose the type of image	RPIImageType	Y
Max range	Enter a value for the maximum range	gen_text_input	
Max Range Units	Choose a unit for the maximum range	RPIImageMaxRange	Y

Outputs

Output	Description	Type
OUTPUT_EMC_RP_SNAPSHOT_IDENTITY	EMC RP Snapshot Identity.	RecoverPointSnapshotIdentity
OUTPUT_EMC_RP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_EMC_RP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Remove RecoverPoint Copy Link

Summary

Remove a RecoverPoint copy link.

Description

This task removes a RecoverPoint copy link.

Inputs

Input	Description	Mappable To Type	Mandatory
First Copy	Choose the first copy of the RecoverPoint consistency group	RecoverPointConsistencyGroup CopyIdentity	Y
Second Copy	Choose the second copy of the RecoverPoint consistency group	RecoverPointConsistencyGroup CopyIdentity	Y

Outputs

Output	Description	Type
OUTPUT EMC RP SYSTEM IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT EMC RP CG FIRST COPY IDENTITY	EMC RP CG First Copy Identity.	RecoverPointConsistencyGroup CopyIdentity
OUTPUT EMC RP CG SECOND COPY IDENTITY	EMC RP CG Second Copy Identity.	RecoverPointConsistencyGroup CopyIdentity

Remove RecoverPoint Journal Volume from Group Copy

Summary

Remove a RecoverPoint journal volume from a group copy.

Description

This task removes a RecoverPoint journal volume from a group copy.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a RecoverPoint consistency group copy	RecoverPointConsistencyGroupCopyIdentity	Y
Journal Volume	Choose the journal volume to be removed from consistency group copy	RecoverPointJournalVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Remove RecoverPoint User Volume from Group Copy

Summary

Remove a RecoverPoint user volume from group copy.

Description

This task removes a RecoverPoint user volume from a group copy.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Set	Choose a RecoverPoint replication set	RecoverPointReplicationSet Identity	Y
Replication Set Volume	Choose the user volume from which to remove the replication set	RecoverPointReplicationSet VolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Rescan RecoverPoint Storage Volumes

Summary

Rescan RecoverPoint storage volumes.

Description

This task rescans RecoverPoint Storage volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose a RecoverPoint cluster to rescan for storage volumes	RecoverPointClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Resume RecoverPoint Production after Failover

Summary

Resume RecoverPoint production after failover.

Description

This resumes RecoverPoint production after failover.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a consistency group copy to resume production	RecoverPointConsistencyGroupCopyIdentity	Y
Image to access	Choose a image to access	RPIImageToAccess	Y
Snapshot Image	Choose a snapshot to access	RecoverPointSnapshotIdentity	Y
Point in Time	Choose a point in time to access	date_time	Y
Seconds	Enter the exact second you would like to access for the selected point in time	gen_text_input	
BookMark	Enter a bookmark	gen_text_input	
Exact	check to match the exact bookmark	EMCRPBooleanList	
Image type	Choose the type of image	RPIImageType	Y
Max range	Enter a value for the maximum range	gen_text_input	
Max Range Units	Choose a unit for the maximum range	RPIImageMaxRange	Y

Outputs

Output	Description	Type
OUTPUT_EMC_RP_SNAPSHOT_IDENTITY	EMC RP Snapshot Identity.	RecoverPointSnapshotIdentity
OUTPUT_EMC_RP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_EMC_RP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Set RecoverPoint Consistency Group Copy Status

Summary

Set RecoverPoint consistency group copy status.

Description

This task sets RecoverPoint consistency group (CG) copy status. Disabling a copy stops all replication, deletes journals, and causes a volume sweep when the copy is re-enabled. Enabling a disabled copy starts replication and begins a volume sweep.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy Name	Choose a RecoverPoint consistency group copy	RecoverPointConsistencyGroupCopyIdentity	Y
Enable	Check to enable the selected consistency group copy	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT_EMC_RP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EMC_RP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity

Set RecoverPoint Consistency Group Copy Transfer Status

Summary

Set RecoverPoint consistency group transfer copy status.

Description

This task sets RecoverPoint consistency group (CG) copy transfer status. Start Transfer starts the transfer of writes from the production host to the selected copy. Pause Transfer pauses the transfer of writes from the production host to the selected copy.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy Name	Choose a RecoverPoint consistency group copy	RecoverPointConsistencyGroupCopyIdentity	Y
Enable Transfer	Check to start transfer in the selected consistency group copy	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT EMC RP SYSTEM IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT EMC RP CG COPY IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity

Set RecoverPoint Consistency Group Status

Summary

Set RecoverPoint consistency group status.

Description

This task sets RecoverPoint consistency group (CG) Status. Disabling a CG stops all replication, deletes journals, and causes a full sweep when the group is enabled. Enabling a disabled CG starts replication and begins a full sweep.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Name	Choose a RecoverPoint consistency group	RecoverPointConsistencyGroupIdentity	Y
Enable	Check to enable the selected consistency group	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT_EMCRP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Set RecoverPoint Consistency Group Transfer Status

Summary

Set RecoverPoint consistency group transfer status.

Description

This task is used to Set RecoverPoint consistency group (CG) Transfer Status. Start Transfer causes the transfer of writes from the production host to all copies of the selected CG to start. Pause Transfer causes the transfer of writes from the production host to all copies of the selected CG to pause.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Name	Choose a RecoverPoint consistency group	RecoverPointConsistencyGroupIdentity	Y
Enable Transfer	Check to start transfer in the selected consistency group	EMCRPBooleanList	

Outputs

Output	Description	Type
OUTPUT EMC RP SYSTEM IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity
OUTPUT EMC RP CG IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Set RecoverPoint Copy as Production

Summary

Set a RecoverPoint copy as production.

Description

This task sets a RecoverPoint copy as production.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group Copy	Choose a consistency group copy to make the production copy	RecoverPointConsistencyGroupCopyIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_CG_COPY_IDENTITY	EMC RP CG Copy Identity.	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_EMCRP_CG_IDENTITY	EMC RP CG Identity.	RecoverPointConsistencyGroupIdentity

Unassign EMC RecoverPoint Cluster from Pod

Summary

Unassign an EMC RecoverPoint cluster from a pod.

Description

This task removes an EMC RecoverPoint cluster from a pod.

Inputs

Input	Description	Mappable To Type	Mandatory
RPA Cluster	Choose a RecoverPoint cluster to be unassigned from the pod	RecoverPointClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCRP_CLUSTER_IDENTITY	EMC RP Cluster Identity.	RecoverPointClusterIdentity

Update RecoverPoint CG Copy Transfer Status

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
RecoverPoint Account	Choose a RecoverPoint account to update consistency group copy transfer status	RecoverPointAccount Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMCCG_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity

Update RecoverPoint CG Transfer Status

Summary

Update the RecoverPoint CG transfer status.

Description

This task updates the RecoverPoint CG transfer status.

Inputs

Input	Description	Mappable To Type	Mandatory
RecoverPoint Account	Choose a RecoverPoint account to update consistency group transfer status	RecoverPointAccount Identity	Y

Outputs

Output	Description	Type
OUTPUT_EM_C_RP_SYSTEM_IDENTITY	EMC RP System Identity.	RecoverPointAccountIdentity



EMC Unity - Consistency Group Operations

This chapter contains the following sections:

- [EMC Unity - Add LUN to Consistency Group, on page 1598](#)
- [EMC Unity - Create Consistency Group, on page 1599](#)
- [EMC Unity - Delete Consistency Group, on page 1601](#)
- [EMC Unity - Modify Consistency Group, on page 1602](#)
- [EMC Unity - Remove LUN from Consistency Group, on page 1603](#)

EMC Unity - Add LUN to Consistency Group

Summary

Add one or more LUNs to a consistency group.

Description

This task adds one or more LUNs to a Consistency Group on an EMC Unity Array. Newly added LUN can be accessed to all the Hosts which are associated with Consistency Group. If LUN is already associated to one Consistency Group, it can not be added to other Consistency Groups. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID. For example: Vblock@Unity_Hybrid@TestCG@res_26
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select Account name	EMCUnityAccountIdentity	Y
Consistency Group	Choose an EMC Unity consistency group to add LUNs to	EMCUnityConsistencyGroupIdentity	Y
LUN	Choose one or more LUNs to be added to the consistency group	EMCUnityLunIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroupIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity

EMC Unity - Create Consistency Group

Summary

Create a new consistency group on an EMC Unity array.

Description

This task creates or adds a new Consistency Group on an EMC Unity storage array. Optionally you can add LUN and associate Snapshot schedule to this consistency Group. For host association, you must associate atleast one LUN. Host can be associated to existing Consistency Group using Map EMC Unity LUN task. Create EMC Unity Consistency Group is also the rollback task for Delete EMC Unity Consistency Group. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Name: Valid LUN Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: Valid Description
- Snapshot Schedule: Select the schedule you to associate to LUN-Snapshot schedule settings for the LUN
- Snapshot Schedule Paused: Check box- Indicates whether the Snapshot Schedule to be paused or not. If it is paused, no snapshot will be taken, until it is turned off
- Access Hosts: podName@AccountName@hostName@hostID. For example: Vblock@Unity_Hybrid@TestHost@Host_1
- LUN: Select the existing LUN to add to Consistency Group. For example: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccount Identity	Y
Name	Enter a name for the consistency group. The following 19 special characters are not allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and ,"	gen_text_input	
Description	Enter a description for the consistency group	gen_text_input	
Snapshot Schedule	Check to pause the snapshot schedule	EMCUnitySnapshot ScheduleIdentity	
Snapshot Schedule Paused	Check to pause the snapshot schedule	Boolean	
LUN	Choose one or more LUNs to be added to the consistency group	EMCUnityLunIdentity	
Access Hosts	Choose one or more host access settings for the consistency group, as defined by the block host access	EMCUnityHostIdentity	

Input	Description	Mappable To Type	Mandatory
Access Type	Choose an access type	EMCUnityHostLunAccess Type	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroupIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_SNAPSHOT_SCHEDULE_IDENTITY	EMC Unity Snapshot Schedule Identity	EMCUnitySnapshotScheduleIdentity

EMC Unity - Delete Consistency Group

Summary

Delete a consistency group object from an EMC Unity array.

Description

This task deletes a Consistency Group from an EMC Unity storage array. Use Force Snapshot Deletion and Force LUN Deletion options to delete in case it contains Snapshots are LUNs. Once it is deleted, it can not be recovered, if you need to protect LUN from deletion, Perform Remove LUN from EMC Unity Consistency Group, so that, LUNs can be managed stand alone. Delete EMC Unity Consistency Group is also the rollback task for Create EMC Unity Consistency Group. Input Format:

- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID.
For example: Vblock@Unity_Hybrid@TestCG@res_26
- Force Snap Deletion: Whether to delete a storage resource's snapshots along with the storage resource
- Force LUN Deletion: Whether to delete a storage resource's LUN's along with the storage resource

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose an EMC Unity consistency group to be deleted	EMCUnityConsistencyGroupIdentiry	Y
Force Snap Deletion	Check to delete a storage resource's snapshots along with the storage resource	Boolean	
Force LUN Deletion	Check to delete a storage resource's LUNs along with the storage resource	Boolean	

Outputs

No Outputs

EMC Unity - Modify Consistency Group

Summary

Modify a consistency group.

Description

This modifies an EMC Unity Consistency Group. Name, Description and Snapshot schedule can be modified using this task. Limitation: Snapshot Schedule can be added or changed but cannot be removed from the Consistency Group Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID. For example: Vblock@Unity_Hybrid@TestCG@res_26
- Name: Valid LUN Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: Valid Description
- Snapshot Schedule: Select the schedule to associate to LUN-Snapshot schedule settings for the LUN

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select Account name	EMCUnityAccount Identity	Y
Consistency Group	Choose an EMC Unity consistency group to be modified	EMCUnityConsistency GroupIdentity	Y
Name	Enter a name for the consistency group. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , : , ; , < , = , > , ? , ^ , @ , and ,"	gen_text_input	
Description	Enter a description for the consistency group	gen_text_input	
Snapshot Schedule	Choose a snapshot schedule for the consistency group. A snapshot schedule can be added or changed but cannot be removed from the consistency group.	EMCUnitySnapshot ScheduleIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroup Identity

EMC Unity - Remove LUN from Consistency Group

Summary

Remove one or more LUNs from a consistency group.

Description

This task removes one or more LUNs from a Consistency Group on an EMC Unity Array. Host(s) can access their LUNs, though it is removed from Consistency Group. Only its association to Consistency group is removed. Remove LUN from EMC Unity Consistency Group is also the rollback task for Add LUN to EMC Unity Consistency Group. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID. For example: Vblock@Unity_Hybrid@TestCG@res_26
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select Account name	EMCUnityAccountIdentity	Y
Consistency Group	Choose an EMC Unity consistency group from which to remove LUNs	EMCUnityConsistencyGroup Identity	Y
LUN	Choose one or more EMC Unity LUNs to be removed from the consistency group	EMCUnityLunIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroup Identity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity



EMC Unity - File System Operations

This chapter contains the following sections:

- [EMC Unity - Create File System, on page 1606](#)
- [EMC Unity - Delete File System, on page 1608](#)
- [EMC Unity - Modify File System, on page 1609](#)

EMC Unity - Create File System

Summary

Create a new file system on an EMC Unity array.

Description

This task creates or adds a new file system on an EMC Unity storage array. Minimum file system capacity is 3 GB. Before a file system is created, at least one NAS server must exist on the storage system.

Optionally, Snapshot Schedule can be selected with the Pause Snapshot creation option. If Snapshot Schedule is selected and Pause Snapshot creation is not checked, the EMC Unity system creates snapshots on the file system at the frequency configured on the snapshot schedule. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid.
- EMC Unity NAS Server:
podName@accountName@spName@spid@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@Pool0@Pool_7@TestNAS@nas_4.
- Protocol: Configure the protocols the file system supports.
- Name: A valid name. The following 19 special characters are not allowed in the file system name:
" % & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: A description of the file system.
- Storage Pool: PodName@accountName@storagePoolName@storagePoolId. For example:
Vblock@Unity_Hybrid@Pool1@pool_7.
- Size: Size of the File System. Minimum file system capacity is 3 GB.
- Capacity Units: The unit for the size of the file system: GB, MB, or TB.
- Thin: Check to enable thin provisioning for file system.
- Snapshot Schedule: Select the schedule to associate to the file system. The snapshot schedule contains schedule settings for the file system.
- Snapshot Schedule Paused: Check to indicate that the snapshot schedule is paused.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity account to add host	EMCUnityAccount Identity	Y
Protocol	Choose a protocol that the file system supports	EMCUnityFileSystem ProtocolType	Y
NAS Server	Choose a NAS server to provide network connectivity to the share from the host	EMCUnityNasServer Identity	Y
Name	Enter the name of file system. The following 19 special characters are not allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and ,"	gen_text_input	
Description	Enter a description for the file system	gen_text_input	
Pool	Choose a storage pool in which to create the file system	EMCUnityStoragePool Identity	Y
Size	Enter the size of file system. Minimum size is 3 GB.	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Capacity Units	Choose the capacity units (MB, GB, or TB)	EMCUnitySizeUnit	Y
Thin	Check to enable thin provisioning for the file system	Boolean	
Snapshot Schedule	Choose a snapshot schedule for the file system	EMCUnitySnapshotScheduleIdentity	
Snapshot Schedule Paused	Check to pause the snapshot schedule	Boolean	
Sync Write Enabled	Check to enable synchronous writes on the file system	Boolean	
Opslocks Enabled	Check to enable opportunistic file locking on the file system	Boolean	
Notify On Write Enabled	Check to enable notifications of file writes on the file system	Boolean	
Notify On Access Enabled	Check to enable notifications of file accesses on the file system	Boolean	
Access Policy	Indicates whether notifications on files access is enabled on the file system	EMCUnityFileSystemAccessPolicyType	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystemIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_SIZE	EMC Unity File System Size.	gen_text_input

EMC Unity - Delete File System

Summary

Delete a file system on an EMC Unity array.

Description

This task deletes a file system on an EMC Unity storage array. Use the Force option to delete snapshots along with the file system. Delete EMC Unity File System is the rollback task for Create EMC Unity File System. Input Format:

- EMC Unity File System:

podName@accountName@spName@id@nasServerName@nasServerID@storagePoolName@storagePoolID@fileSystemName@fileSystemID.

For example: Default Pod@EmcUnity@SP

A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14

- Force: Select to also delete snapshots.

Inputs

Input	Description	Mappable To Type	Mandatory
File System	Choose an EMC Unity file system	EMCUnityFileSystem Identity	Y
Force	Check to force delete if the file system has snapshots associated with it	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC UNITY FILE SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT EMC UNITY STORAGE POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity

EMC Unity - Modify File System

Summary

Modify an EMC Unity file system on an EMC Unity array.

Description

This task modifies a file system on an EMC Unity storage array. Only description, size, and snapshot schedule inputs can be modified using this task. To enable or disable snapshot creation on a file system, use Start Snapshot creation or Pause Snapshot creation respectively. A snapshot schedule can be added or changed but cannot be removed from the file system. Input Format:

- EMC Unity File System:
podName@accountName@spName@id@nasServerName@nasServerID@storagePoolName@storagePoolID@fileSystemName@fileSystemID
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- Description: A description of the file system.
- Size: The size of the File System. Minimum file system capacity is 3 GB.
- Capacity Units: The unit for the size of the file system: GB, MB, or TB.
- Snapshot Schedule: A snapshot schedule can be added or changed but cannot be removed from the file system.

Inputs

Input	Description	Mappable To Type	Mandatory
File System	Choose an EMC Unity file system	EMCUnityFileSystem Identity	Y
Description	Enter a description for the file system	gen_text_input	
Size	Enter the size of file system. Minimum size is 3 GB.	gen_text_input	
Capacity Units	Choose the capacity units (MB, GB, or TB)	EMCUnitySizeUnit	Y
Snapshot Schedule	Choose a snapshot schedule settings for the file system	EMCUnitySnapshotSchedule Identity	

Outputs

Output	Description	Type
OUTPUT EMC UNITY FILE SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT EMC UNITY STORAGE POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity
OUTPUT EMC UNITY ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - Host IP Port Operations

This chapter contains the following sections:

- [EMC Unity - Create Host IP Port, on page 1612](#)
- [EMC Unity - Delete Host IP Port, on page 1613](#)
- [EMC Unity - Modify Host IP Port, on page 1614](#)

EMC Unity - Create Host IP Port

Summary

Create an IP port (network address) on an EMC Unity Host.

Description

This task creates an IP port (network address) on an EMC Unity Host. You can enter IPv4, IPv6 or FQDN. This will determine host access for NFS shares. The rollback task for EMC Unity Host IP Port is Delete EMC Unity Host IP Port. Input Format:

- EMC Unity Host:: podName@AccountName@hostName@hostID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1
- Network Address: Valid IPv4, IPv6 or FQDN
- Ignore port while granting storage access to NFS: Check box-Select checkbox to ignore the port while granting storage access to NFS

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host	Choose a host to which the network address is to be added	EMCUnityHostIdentity	Y
Network Address	Enter a network address for the network	gen_text_input	Y
Ignore port while granting storage access to NFS	Check to ignore the port when granting storage access to NFS	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IP_PORT_IDENTITY	EMC Unity Host IP Port Identity	EMCUnityHostIPport Identity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity

EMC Unity - Delete Host IP Port

Summary

Delete an IP port (network address) from an EMC Unity Host.

Description

This task deletes an IP port (network address) from an EMC Unity Host. This will have impact in NFS Share access if the host is mapped to any share. Delete EMC Unity Host IP PORT is the rollback task for Create EMC Unity Host IP Port. Input Format:

- EMC Unity Host IP Port:
podName@AccountName@hostName@hostID@networkAddress@networkAddressID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1@hostName1@HostNetworkAddress_1

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host IP Port	Choose an EMC Unity host IP port to be deleted	EMCUnityHostIPportIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IP_PORT_IDENTITY	EMC Unity Host IP Port Identity	EMCUnityHostIPport Identity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity

EMC Unity - Modify Host IP Port

Summary

Modify an existing IP port (network address) on an EMC Unity Host.

Description

This task modifies an existing IP port (network address) on an EMC Unity Host. User can modify only granting storage access to NFS. If you want to change Network address, please delete the respective Host IP port and add it with valid network address. Input Format:

- EMC Unity Host IP Port:
podName@AccountName@hostName@hostID@networkAddress@networkAddressID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1@hostName1@HostNetworkAddress_1
- Ignore port while granting storage access to NFS: Check box-Select checkbox to ignore the port while granting storage access to NFS

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host IP Port	Choose an EMC Unity host IP port to be modified	EMCUnityHostIPport Identity	Y
Ignore port while granting storage access to NFS	Check to ignore the port when granting storage access to NFS	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IP_PORT_IDENTITY	EMC Unity Host IP Port Identity	EMCUnityHostIPport Identity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity



EMC Unity - Host Initiator Operations

This chapter contains the following sections:

- [EMC Unity - Add Host Initiator, on page 1616](#)
- [EMC Unity - Modify Host Initiator, on page 1618](#)
- [EMC Unity - Remove Host Initiator, on page 1619](#)

EMC Unity - Add Host Initiator

Summary

Add a new host initiator for a host on an EMC Unity array.

Description

This task creates or adds a new host initiator for a host on an EMC Unity storage array. Host can contain both FC and iSCSI initiators This task creates the following types of host initiators:

- iSCSI initiator - iSCSI Qualified Name (IQN)
- FC Initiator - Worldwide Name (WWN)

Input Format:

- EMC Unity Host Identity: podName@AccountName@hostName@hostID. For example: Vblock@Unity_Hybrid@TestHost@Host_1
- Initiator Type: Select the initiator Type. For example, iSCSI or FC
- IQN or WWN: Valid IQN or WWN-Enter IQN in case of iSCSI access or WWN in case of FC access
- Ignore Storage Access: Check box-Specifies whether to include the host initiator when storage access is granted to the host.
- CHAP Username: Valid name-CHAP user name-Applies to iSCSI initiators only.
- CHAP Secret: CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.
- CHAP Secret Type: CHAP secret encoding type. Applies to iSCSI initiators only.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host Identity	Choose a host to which to add the initiator	EMCUnityHostIdentity	Y
Initiator Type	Choose an initiator type	EMCUnityHostInitiator Type	Y
IQN or WWN	Enter a IQN (for iSCSI access) or WWN (for FC access)	gen_text_input	Y
CHAP Username	Enter a CHAP username. Applies to iSCSI initiators only.	gen_text_input	
CHAP Secret	Enter a CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.	password	
CHAP Secret Type	Choose a CHAP secret encoding type. Applies to iSCSI initiators only.	EMCUnityChapSecret Type	
Ignore Storage Access	Check to include the host initiator when storage access is granted to the host.	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_HOST_INITIATOR_IDENTITY	EMC Unity Host Initiator Identity.	EMCUnityHostInitiatorIdentity
OUTPUT_EMC_UNITY_INITIATOR_WWN_IQN	EMC Unity Initiator WWN/IQN.	EMCUnityInitiatorWWN/IQN

EMC Unity - Modify Host Initiator

Summary

Modify a host initiator on an EMC Unity array.

Description

This task modifies a Host Initiator on an EMC Unity storage array. For an FC Initiator, the host can be changed. For an iSCSI Initiator, other inputs like chap user, chap secret, and chap secret type also can be changed. Input Format:

- EMC Unity Initiator:
podName@AccountName@hostName@hostID@initiatorType@iqn/wwn@initiatorID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1@fc@20:00:00:25:B5:00:00:0F:20:00:00:25:B5:00:0B:2F@HostInitiator_3
- Host: podName@AccountName@hostName@hostID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1
- Ignore Storage Access: Check box-Specifies whether to include the host initiator when storage access is granted to the host.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator	Select Initiator to modify	EMCUnityHostInitiator Identity	Y
EMC Unity Host Identity	Choose a new EMC Unity host for the initiator. The initiator is removed from the existing host.	EMCUnityHostIdentity	
Ignore Storage Access	Check to include the host initiator when storage access is granted to the host.	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_HOST_INITIATOR_IDENTITY	EMC Unity Host Initiator Identity.	EMCUnityHostInitiator Identity
OUTPUT_EMC_UNITY_INITIATOR_WWN_IQN	EMC Unity Initiator WWN/IQN.	EMCUnityInitiator WWN/IQN

EMC Unity - Remove Host Initiator

Summary

Remove a host initiator from a host on an EMC Unity array.

Description

This task deletes a host initiator and all of its paths from a host. Initiator can not be deleted if there are storage resources. For example: LUN or Consistency group associated with the host. This task is also the rollback task for Add EMC Unity Host Initiator. Input Format:

- EMC Unity Host Initiator:
podName@AccountName@hostName@hostID@initiatorType@iqn/wwn@initiatorID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1@fc@20:00:00:25:B5:00:00:0F:20:00:00:25:B5:00:0B:2F@HostInitiator_3

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host Initiator	Choose an EMC Unity Host Initiator to be deleted	EMCUnityHostInitiator Identity	Y

Outputs

No Outputs



EMC Unity - Host Operations

This chapter contains the following sections:

- [EMC Unity - Create Host, on page 1622](#)
- [EMC Unity - Delete Host, on page 1623](#)
- [EMC Unity - Modify Host, on page 1624](#)

EMC Unity - Create Host

Summary

Create a new host on an EMC Unity array.

Description

This task creates or adds a new host on an EMC Unity storage array. A host can have both FC and iSCSI initiators. You can associate Host IP Port (Network address) using EMC Unity Create Host IP Port. Input format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid.
- Name: A valid host name. The following 19 special characters are not allowed in the host name: "% & ' * + . / \ : ; < = > ? ^ @ | ,"
- Description: A description of the host.
- Operating System: Select the operating system running on the host.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity account to add host	EMCUnityAccount Identity	Y
Name	Enter the host name. The following 19 special characters are not allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and ,"	gen_text_input	
Description	Enter a description for the host	gen_text_input	
Operating System	Choose an operating system to run on the new host	EMCUnityHostOSType	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity

EMC Unity - Delete Host

Summary

Delete (unregister) a host object from an EMC Unity array.

Description

This task unregisters a host from an EMC Unity storage array. Delete EMC Unity Host is the rollback task for Create EMC Unity Host. If the host is associated with any initiators, all the initiators are deleted along with the host. This task fails if the selected host has access to any storage resources, such as a LUN or a consistency group. Input format for the EMC Unity host:

podName@AccountName@hostName@hostID. For example:

Vblock@Unity_Hybrid@TestHost@Host_1.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host	Choose an EMC Unity Host to be deleted	EMCUnityHostIdentity	Y

Outputs

No Outputs

EMC Unity - Modify Host

Summary

Modify an EMC Unity Host on an EMC Unity array.

Description

This task modifies an existing host on an EMC Unity storage array. You can modify the name, description and operating system using this task. If the name is modified, all existing associations remain the same.

Input format:

- EMC Unity Host: podName@AccountName@hostName@hostID. For example:
Vblock@Unity_Hybrid@TestHost@Host_1.
- Name: A valid host name. The following 19 special characters are not allowed in the host name: "% & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: A description of the host.
- Operating System: Select the operating system running on the host.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Host	Select EMC Unity Host to modify	EMCUnityHostIdentity	Y
Name	Enter the modified host name. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , : , ; , < , = , > , ? , ^ , @ , and , "	gen_text_input	
Description	Enter a description for the host	gen_text_input	
Operating System	Choose an operating system to run on the modified host	EMCUnityHostOSType	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity



EMC Unity - LUN Operations

This chapter contains the following sections:

- [EMC Unity - Create LUN, on page 1626](#)
- [EMC Unity - Delete LUN, on page 1628](#)
- [EMC Unity - Map LUN, on page 1629](#)
- [EMC Unity - Modify Host LUN ID, on page 1631](#)
- [EMC Unity - Modify LUN, on page 1632](#)
- [EMC Unity - Unmap LUN, on page 1633](#)

EMC Unity - Create LUN

Summary

Create a new LUN on an EMC Unity array.

Description

This task creates a new LUN on an EMC Unity storage array. It is also the rollback task for Delete EMC Unity LUN. Host and Snapshot schedule association are optional. LUN can be associated to Host with three possible options, LUN, Snapshot, and LUN & Snapshots. You can provide HLU number for the LUN while creation only when host mapping is selected. If given HLU is already used on any of the selected Host, LUN creation will fail. For Access Type option, LUN and Snapshot, two HLU are required in comma separated value(eg 0,1). HLU should be between 0 and 16381. If hlu is not given, System will allocate next available HLU for the LUN. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity Storage Pool: PodName@accountName@storagePoolName@storagePoolId. For example: Vblock@Unity_Hybrid@Pool1@pool_7
- Name: Valid LUN Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Size: Size of the LUN. For example: 2
- Capacity Units: The unit for the Size of the LUN. For example: 2GB,MB or TB
- Description: Valid Description
- Default Node: Select the Storage Processor
- Thin: Check box- Indicates whether to enable thin provisioning for LUN
- Snapshot Schedule: Select the schedule you to associate to LUN-Snapshot schedule settings for the LUN
- Snapshot Schedule Paused: Check box- Indicates whether the Snapshot Schedule is paused or not
- Access Hosts: podName@AccountName@hostName@hostID. For example: Vblock@Unity_Hybrid@TestHost@Host_1
- Access Type: Possible values are LUN, Snapshot, LUN and Snapshot. Required only when Access Hosts input is selected
- HLU: HLU number of LUN. Required only when Access Hosts input is selected

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	Select Account name	EMCUnityAccountIdentity	Y
Storage Pool	Choose an EMC Unity storage pool for the LUN	EMCUnityStoragePool Identity	Y
Name	Enter a name for the LUN. The following 19 special characters are not allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and ,"	gen_text_input	
Size	Enter the size of the LUN	gen_text_input	Y
Capacity Units	Choose a system capacity unit	EMCUnitySizeUnit	Y
Description	Enter a description for the LUN	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Default Node	Choose Storage Processor that owns the LUN	EMCUnityStorageProcessorIdentity	
Thin	Check thin to enable thin provisioning for the LUN	Boolean	
Snapshot Schedule	Choose a snapshot schedule for the LUN. A snapshot schedule can be added or changed but cannot be removed from the LUN.	EMCUnitySnapshotScheduleIdentity	
Snapshot Schedule Paused	Check to pause the snapshot schedule	Boolean	
Access Hosts	Choose one or more hosts to provide with access to the LUN	EMCUnityHostIdentity	
Access Type	Choose an access type	EMCUnityHostLunAccessType	
HLU	Enter a unique host LUN ID	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_HOST_LUN_IDENTITY	EMC Unity Host LUN Identity	EMCUnityHostLunIdentity
OUTPUT_LUN_NAA_ID	LUN NAA ID	LunNaaId
OUTPUT_EMC_UNITY_HOST_PRODUCTION_LUN_ID	EMC Unity Host Production LUN HLU	gen_text_input
OUTPUT_EMC_UNITY_HOST_SNAPSHOT_LUN_ID	EMC Unity Host Snapshot LUN HLU	gen_text_input

EMC Unity - Delete LUN

Summary

Delete a LUN from an EMC Unity array.

Description

This task deletes a LUN from an EMC Unity storage array. Delete EMC Unity LUN is also the rollback task for Create EMC Unity LUN. This task will fail, in case if selected LUN is mapped to Host or part of Consistency group. If any snapshots associated the LUN, select Force Snap Deletion option to delete Snapshot along with LUN. Input Format:

- EMC Unity LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID.
For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7
- Force Snap Deletion: Check box-Indicates whether to delete a LUN's snapshots along with LUN

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity LUN	Choose an EMC Unity LUN to be deleted	EMCUnityLunIdentity	Y
Force Snap Deletion	Check to force snapshot deletion	Boolean	

Outputs

No Outputs

EMC Unity - Map LUN

Summary

Map a LUN or consistency group to EMC Unity Hosts.

Description

This task maps one or more hosts to selected LUN or Consistency group. Map EMC Unity LUN is the rollback task for Unmap EMC Unity LUN. HLU input is optional. If given HLU is already used on any of the selected Host, this task will fail. For Access Type option, LUN and Snapshot, two HLUs are required in comma separated value(for example: 0,1). HLU should be between 0 and 16381. If HLU is not given, System allocates the next available HLU for the LUN. In case Consistency Group is selected, the system allocates the next available HLU for all the LUNs available in the selected Consistency group. HLU can be modified for each LUN-Host mapping using the Modify Host LUN ID task Input Format:

- Storage Resource: Storage Resource can be either Consistency Group or LUN
- EMC Unity Host: podName@AccountName@hostName@hostID. For example: Vblock@Unity_Hybrid@TestHost@Host_1
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID. For example: Vblock@Unity_Hybrid@TestCG@res_26
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7
- Access Type: Possible values are LUN, Snapshot, LUN and Snapshot.
- HLU: HLU number of LUN. Required only when for LUN Mapping not with Consistency Group option

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Resource	Choose a storage resource type	EMCUnityStorageResource Type	Y
EMC Unity LUN	Choose an EMC Unity LUN to map with the host	EMCUnityLunIdentity	Y
Consistency Group	Choose an EMC Unity consistency group to map with the host	EMCUnityConsistency GroupIdentity	Y
EMC Unity Host	Choose an EMC Unity host to map with the LUN	EMCUnityHostIdentity	Y
Access Type	Choose an access type	EMCUnityHostLunAccess Type	
HLU	Enter a unique host LUN ID. If access type is LUN and Snapshot, provide two HLUs, comma-separated. The HLU must not be assigned to a LUN on the selected hosts.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroupIdentiry
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_LUN_IDENTITY	EMC Unity Host LUN Identity	EMCUnityHostLunIdentity
OUTPUT_LUN_NAA_ID	LUN NAA ID	LunNaaId
OUTPUT_EMC_UNITY_HOST_PRODUCTION_LUN_ID	EMC Unity Host Production LUN HLU	gen_text_input
OUTPUT_EMC_UNITY_HOST_SNAPSHOT_LUN_ID	EMC Unity Host Snapshot LUN HLU	gen_text_input

EMC Unity - Modify Host LUN ID

Summary

Modify an HLU for existing LUN on an EMC Unity array.

Description

This task modifies selected LUN HLU on an EMC Unity storage array. Please make sure that, new HLU is not is not used in same Host. HLU should be between 0 and 16381. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Host LUN:
PodName@accountName@storagePoolName@storagePoolId@LunName@LunID@HostName@HostID@HLU@HostLUNId.
For example:
Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7@EXSI_H1@Host_6@10@Host_6_lun_7_prod
- HLU: Enter unique HLU on the host. For example: 0

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	Select Account name	EMCUnityAccountIdentity	Y
Host LUN	Choose one or more host LUNs to set the new HLU to. Selected LUNs should belong to same host.	EMCUnityHostLunIdentity	Y
HLU	Enter a unique HLU for the selected host LUN	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_HOST_LUN_IDENTITY	EMC Unity Host LUN Identity	EMCUnityHostLunIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_HOST_LUN_ID	EMC Unity Host LUN Id	gen_text_input

EMC Unity - Modify LUN

Summary

Modify a LUN on an EMC Unity Array.

Description

This task modifies an existing LUN on an EMC Unity array. Size, description and Snapshot schedule inputs can be modified. You can not reduce the LUN size using this task. Limitation: Snapshot Schedule can be added or changed but cannot be removed from the LUN Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7
- Name: Valid LUN Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Size: Size of the LUN. For example: 2
- Capacity Units: The unit for the Size of the LUN. For example: 2GB,MB or TB
- Description: Valid Description
- Snapshot Schedule: Select the schedule to associate to LUN-Snapshot schedule settings for the LUN

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	Select Account name	EMCUnityAccount Identity	Y
LUN	Select LUN to modify	EMCUnityLunIdentity	Y
Name	Enter the name for the LUN. The following special characters are not allowed: " , % , & , ' , * , + , . , / , \ , : , ; , < , = , > , ? , ^ , @ , and ,"	gen_text_input	
Size	Enter a size for the LUN	gen_text_input	
Capacity Units	Choose a system capacity unit	EMCUnitySizeUnit	Y
Description	Enter a description of the LUN	gen_text_input	
Snapshot Schedule. Snapshot Schedule can be added or changed but cannot be removed from the LUN	Choose a snapshot schedule for the LUN. A snapshot schedule can be added or changed but cannot be removed from the LUN.	EMCUnitySnapshot ScheduleIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity

EMC Unity - Unmap LUN

Summary

Unmap EMC Unity hosts from the selected LUN or consistency group.

Description

This task unmaps one or more hosts from the selected LUN or consistency group. Input Format:

- Storage Resource: Storage Resource can be either Consistency Group or LUN
- EMC Unity Host: podName@AccountName@hostName@hostID. For example: Vblock@Unity_Hybrid@TestHost@Host_1
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID. For example: Vblock@Unity_Hybrid@TestCG@res_26
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Resource	Choose a storage resource type	EMCUnityStorageResource Type	Y
Consistency Group	Select EMC Unity Consistency Group to modify	EMCUnityConsistencyGroup Identity	Y
EMC Unity LUN	Choose an EMC Unity LUN to map with the host	EMCUnityLunIdentity	Y
EMC Unity Host	Select EMC Unity Host to Unmap	EMCUnityHostIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroup Identity
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - NAS Server Operations

This chapter contains the following sections:

- [EMC Unity - Create DNS Server, on page 1636](#)
- [EMC Unity - Create File Interface, on page 1637](#)
- [EMC Unity - Create NAS Server, on page 1639](#)
- [EMC Unity - Create NFS Server, on page 1640](#)
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EMC Unity - Create DNS Server

Summary

Create a new DNS Server for an NAS Server on an EMC Unity array.

Description

This task creates a new DNS Server for an NAS Server on an EMC Unity storage array. One DNS Server can support a maximum of three IP Addresses. Both IPv4 and IPv6 are supported. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- Domain: Valid domain name-Fully qualified domain name of DNS Server
- Ip Address: Valid IPv4 or IPv6 Address-Prioritized list of one to three IPv4 and/or IPv6 addresses of DNS server(s) for the domain

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccount Identity	Y
EMC Unity NAS Server	Choose an EMC Unity NAS server	EMCUnityNasServer Identity	Y
Domain	Enter the fully qualified domain name of the DNS server	gen_text_input	Y
IP Addresses	Enter one to three IPv4 and/or IPv6 addresses of DNS servers in order of priority, separated by commas.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_DNS_SERVER_IDENTITY	EMC Unity DNS Server Identity	EMCUnityDnsServerIdentity

EMC Unity - Create File Interface

Summary

Create a new file interface for an NAS Server on an EMC Unity array.

Description

This task creates or adds a new file interface for an NAS Server on an EMC Unity storage array. The user must select one NAS Server while creating the file interface. Once the file interface is created with the selected NAS Server, it cannot be changed. The user must select one IP port that will be listed based on the storage processor selected while creating the NAS Server. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@spid@storagePoolName@storagePoolid@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- IP Port: podName@accountName@spName@spid@iportName@ipPortId. For example: Default Pod@EmcUnity@SP A@spa@SP A I/O Module 0 Ethernet Port 0@spa_iom_0_eth0
- IP Address: A valid IPv4 or IPv6 address
- Subnet Mask or Prefix Length: A valid IPv4 Address for IPv4 Addresses or a valid prefix length for IPv6 addresses.
- Gateway: A valid IPv4 address
- VLAN ID: Change this value only if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network does not work properly if this value is set incorrectly.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity account to File Interface	EMCUnityAccount Identity	Y
NAS Server	Choose an EMC Unity NAS server	EMCUnityNasServer Identity	Y
IP Port	Choose an EMC Unity IP port	EMCUnityIpPortIdentity	Y
IP Address	Enter the IP address of the network interface in IPv4 or IPv6 format	gen_text_input	Y
Subnet Mask or Prefix Length	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	Y
Gateway	Enter a gateway address for the network interface	gen_text_input	
VLAN ID	Enter a VLAN identifier for the interface	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity

Output	Description	Type
OUTPUT_EMC_UNITY_FILE_INTERFACE_IDENTITY	EMC Unity File Interface Identity.	EMCUnityFileInterfaceIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Create NAS Server

Summary

Create a new NAS Server on an EMC Unity array.

Description

This task creates a new NAS Server on an EMC Unity storage array. Storage Pool is mandatory for creating an NAS Server. Once the NAS server is created with the selected storage pool, it can't be changed.

Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Server Name: Valid NAS Server Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Pool: PodName@accountName@storagePoolName@storagePoolId. For example: Vblock@Unity_Hybrid@Pool1@pool_7
- Storage Processor: podName@accountName@spName@id. For example: Default Pod@EmcUnity@SP A@spa

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity account to add host	EMCUnityAccount Identity	Y
Server Name	Enter a name for the NAS server. The following 19 special characters are not allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and,"	gen_text_input	
Pool	Choose an EMC Unity storage pool to store the NAS server configuration information	EMCUnityStoragePool Identity	Y
Storage Processor	Choose an EMC Unity storage processor on which to run the NAS server	EMCUnityStorage ProcessorIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Create NFS Server

Summary

Create a new NFS Server for an NAS Server on an EMC Unity array.

Description

This task creates a new NFS Server for an NAS Server on an EMC Unity storage array. This task allows you to enable or disable NFS V4 support while creating the NFS Server. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolid@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- NFSv4 Enabled: Check box-Indicates whether NFSv4 is enabled on the NFS server

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity account to add NFS Server	EMCUnityAccountIdentity	Y
NAS Server	Choose an EMC Unity NAS server	EMCUnityNasServerIdentity	Y
NFSv4 Enabled	Check to enable NFSv4 Linux/Unix shares on the NAS server	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NFS_SERVER_IDENTITY	EMC Unity NFS Server Identity.	EMCUnityNfsServerIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Create NIS Server

Summary

Create a new NIS Server for an NAS Server on an EMC Unity array.

Description

This creates an NIS Server for an NAS Server on an EMC Unity storage array. Both IPv4 and IPv6 are supported. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- Domain: Valid domain name-Fully qualified domain name of NIS Server
- Ip Address: Valid IPv4 or IPv6 Address-Prioritized list of one to three IPv4 and/or IPv6 addresses of NIS server(s) for the domain

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccountIdentity	Y
EMC Unity NAS Server	Choose an EMC Unity NAS server	EMCUnityNasServerIdentity	Y
Domain	Enter the domain name of the NIS server	gen_text_input	Y
IP Addresses	Enter one to ten IPv4 and/or IPv6 addresses of NIS servers in order of priority, separated by commas.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_NIS_SERVER_IDENTITY	EMC Unity NIS Server Identity	EMCUnityNisServerIdentity

EMC Unity - Create SMB Server

Summary

Create an SMB Server for an NAS Server on an EMC Unity array.

Description

This task creates a new SMB server for an NAS server on an EMC Unity storage array. Both standalone and active directory are supported. Only one SMB server can be created on an NAS Server. If the SMB server type is Standalone then you must provide a Workgroup and Administrator Password. If the SMB server type is Active Directory then you must provide a Windows domain, domain administrator name, domain administrator password, and organizational unit. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolid@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- Server Type: Two Inputs. For example: Standalone, Active Directory
- NetBIOS Name: Valid name
- Description: Valid Description
- Workgroup: Valid Workgroup(Standalone Server Type)
- Administrator Password: Valid password-The password must be 8 to 40 characters in length,must contain one Upper case and lower case letter,one numeric and one special character(!, @ # \$ % ^ * ? _ ~)(Standalone Server Type)
- Windows Domain: Valid Domain name where SMB server is registered in Active Directory(Active Directory Server Type)
- Domain Administrator Name: Valid Active Directory domain user name(Active Directory Server Type)
- Domain Administrator Password: Valid Active Directory domain password(Active Directory Server Type)
- Organizational Unit: Valid LDAP organizational unit of SMB server in Active Directory(Active Directory Server Type)

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccount Identity	Y
NAS Server	Choose an EMC Unity NAS server to be added to the SMB server	EMCUnityNasServer Identity	Y
SMB Server Type	Choose a SMB server type	EMCUnitySMBServer Type	
NetBIOS Name	Enter the name of the SMB server in the Windows network	gen_text_input	
Description	Enter a description for the SMB server	gen_text_input	
Workgroup	Enter a standalone SMB server workgroup	gen_text_input	Y
Administrator Password	Enter a standalone SMB server administrator password. The password must	password	Y

Input	Description	Mappable To Type	Mandatory
	be 8 to 40 characters long and contain at least one upper and one lower case letter, one numeral, and one special character: (!, @ # \$ % ^ * ? _ ~)		
Windows Domain	Enter a domain name where the SMB server is registered in Active Directory	gen_text_input	Y
Domain Administrator Name	Enter the Active Directory domain user name	gen_text_input	Y
Domain Administrator Password	Enter the Active Directory domain password	password	Y
Organizational Unit	Enter the LDAP organizational unit of the SMB server in Active Directory	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_CIFS_SERVER_IDENTITY	EMC Unity SMB Server Identity	EMCUnitySMBServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Delete DNS Server

Summary

Delete an existing DNS Server for an NAS Server on an EMC Unity array.

Description

This task deletes a DNS Server configured for an NAS Server on an EMC Unity storage array. Delete EMC Unity DNS Server is also the rollback task for Create EMC Unity DNS Server. Input Format:

- DNS Server:

podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID@domainName@dnsID.

For example: Default Pod@EmcUnity@SP

A@spa@pool_7@Pool0@TestNAS@nas_4@DNS_test@dns_140

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity DNS Server	Enter an EMC Unity DNS server to be deleted	EMCUnityDnsServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_DNS_SERVER_IDENTITY	EMC Unity DNS Server Identity	EMCUnityDnsServerIdentity

EMC Unity - Delete File Interface

Summary

Delete a file interface from an NAS Server on an EMC Unity array.

Description

This task deletes a file interface from an NAS Server on EMC Unity storage array. Delete EMC Unity File Interface is the rollback task for Create EMC Unity File Interface. Input Format: File Interface: podName@arrayName@spName@storagePoolName@storagePoolId@serverName@serverId@portName@portId@address@interfaceId. For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4@SP A I/O Module 0 Ethernet Port 0@spa_iom_0_eth0@1.2.3.4@if_12

Inputs

Input	Description	Mappable To Type	Mandatory
File Interface	Select File Interface to delete	EMCUnityFileInterfaceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_FILE_INTERFACE_IDENTITY	EMC Unity File Interface Identity.	EMCUnityFileInterfaceIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity

EMC Unity - Delete NAS Server

Summary

Delete an NAS Server on an EMC Unity array.

Description

This task deletes an NAS Server on an EMC Unity storage array. All the NFS, SMB, DNS, and NIS Servers and File Interfaces associated with the NAS Server are deleted. Delete EMC Unity NAS Server is the rollback task for Create EMC Unity NAS Server. Input Format: Unity NAS Server: podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID. For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4

Inputs

Input	Description	Mappable To Type	Mandatory
NAS Server	Choose an EMC Unity NAS server to be deleted	EMCUnityNasServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity

EMC Unity - Delete NFS Server

Summary

Delete an NFS Server from an NAS Server on an EMC Unity array.

Description

This task deletes an NFS from an NAS Server on an EMC Unity storage array. Delete EMC Unity NFS Server is the rollback task for Create EMC Unity NFS Server. Input Format:

- Server Name:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4

Inputs

Input	Description	Mappable To Type	Mandatory
NAS Server	Choose an EMC Unity NFS server to be deleted	EMCUnityNfsServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_NFS_SERVER_IDENTITY	EMC Unity NFS Server Identity.	EMCUnityNfsServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Delete NIS Server

Summary

Delete an existing NIS Server for an NAS Server on an EMC Unity array.

Description

This task deletes an existing NIS Server configured for an NAS Server on an EMC Unity storage array. Delete EMC Unity NIS Server is also the rollback task for Create EMC Unity NIS Server. Input Format:

- NIS Server:
`podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID@domainName@nisID.`
 For example: Default Pod@EmcUnity@SP
 A@spa@pool_7@Pool0@TestNAS@nas_4@NIS_test@nis_140

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NIS Server	Choose an EMC Unity NIS server to be deleted	EMCUnityNisServer Identity	Y
Ignore Warnings	Check to ignore warnings during the modification process	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_NIS_SERVER_IDENTITY	EMC Unity NIS Server Identity	EMCUnityNisServerIdentity

EMC Unity - Delete SMB Server

Summary

Delete an SMB Server from an NAS Server on an EMC Unity array.

Description

This task deletes an existing SMB Server configured for an NAS Server on an EMC Unity storage array. Delete EM Unity SMB Server is the rollback task for Create EMC Unity SMB Server. Input Format:

- SMB Server:
podName@accountName@spName@id@storagePoolName@storagePoolid@nasServerName@nasServerID@smbServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4@cifs_15

Inputs

Input	Description	Mappable To Type	Mandatory
SMB Server	Choose an EMC Unity SMB server to be deleted	EMCUnitySMBServerIdentity	Y
Delete and remove the server reference from the Active Directory	Keep SMB server account unjoined in Active Directory after deletion. If it is not selected, You will have to manually delete a record of computer from the Active Directory Domain. Alternatively you can reuse this SMB name later for another SMB server	Boolean	
Domain Username	Enter the Active Directory domain username	gen_text_input	Y
Domain Password	Enter the Active Directory domain password	password	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_CIFS_SERVER_IDENTITY	EMC Unity SMB Server Identity	EMCUnitySMBServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify DNS Server

Summary

Modify a DNS Server for an NAS Server on an EMC Unity array.

Description

This task modifies a DNS Server for an NAS Server on an EMC Unity storage array. Input Format:

- DNS Server:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID@domainName@dnsID.
For example: Default Pod@EmcUnity@SP
A@spa@pool_7@Pool0@TestNAS@nas_4@DNS_test@dns_140
- Domain: Valid domain name-Fully qualified domain name of DNS Server
- Ip Address: Valid IPv4 or IPv6 Address-Prioritized list of one to three IPv4 and/or IPv6 addresses of DNS server(s) for the domain

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity DNS Server	Enter an EMC Unity DNS server to be modified	EMCUnityDnsServerIdentity	Y
Domain	Enter the fully qualified domain name of the DNS server	gen_text_input	
IP Addresses	Enter one to three IPv4 and/or IPv6 addresses of DNS servers in order of priority, separated by commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_DNS_SERVER_IDENTITY	EMC Unity DNS Server Identity	EMCUnityDnsServerIdentity

EMC Unity - Modify File Interface

Summary

Modify an EMC Unity file interface for an NAS server on an EMC Unity array.

Description

This task modifies a file interface for an NAS Server on an EMC Unity array. You can change the IP port that was selected while creating the file interface. You can also change the IP address, gateway, subnet mask/prefix length, or VLAN ID. Input Format:

- File Interface: podName@accountName@spName@id@storagePodName@storagePodId@nasServerName@nasServerId@podName@Pod@Address@InterfaceId
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4@SP A I/O Module 0 Ethernet Port 0@spa_iom_0_eth0@1.2.3.4@if_12
- IP Port: podName@accountName@spName@id@iportName@ipPortId. For example: Default Pod@EmcUnity@SP A@spa@SP A I/O Module 0 Ethernet Port 0@spa_iom_0_eth0
- IP Address: A valid IPv4 or IPv6 address
- Subnet Mask or Prefix Length: A valid IPv4 Address for IPv4 addresses or a valid prefix length for IPv6 addresses.
- Gateway: A valid IPv4 address.
- VLAN ID: Change this value only if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network does not work properly if this value is set incorrectly.

Inputs

Input	Description	Mappable To Type	Mandatory
File Interface	Choose an EMC Unity file interface to be modified	EMCUnityFileInterface Identity	Y
Ip Port	Choose an EMC Unity IP port	EMCUnityIpPortIdentity	Y
Ip Address	Enter the IP address of the network interface in IPv4 or IPv6 format	gen_text_input	Y
Subnet Mask	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	
Gateway	Enter a gateway address for the network interface	gen_text_input	
VLAN ID	Enter a VLAN identifier for the interface	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_FILE_INTERFACE_IDENTITY	EMC Unity File Interface Identity.	EMCUnityFileInterface Identity

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify NAS Server

Summary

Modify an NAS Server on an EMC Unity array.

Description

This task modifies an NAS Server on an EMC Unity storage array. This task can be used to modify NAS server name and storage processor values. At least one of the parameters must be modified to successfully execute the task. Input Format:

- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- Server Name: Valid Storage Pool Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Storage Processor: podName@accountName@spName@id. For example: Default Pod@EmcUnity@SP A@spa

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NAS Server	Choose an EMC Unity NAS server to be modified	EMCUnityNasServerIdentity	Y
Server Name	Enter a name for the NAS server. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , : , ; , < , = , > , ? , ^ , @ , and ,"	gen_text_input	
Storage Processor	Choose an EMC Unity storage processor on which to run the NAS server	EMCUnityStorageProcessorIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify NFS Server

Summary

Modify an NFS Server for an NAS Server on an EMC Unity array.

Description

This task modifies an NFS server associated with an NAS Server on an EMC Unity storage array. Only NFS V4 support can be enabled or disabled using this operation. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity NAS Server:
podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4
- NFSv4 Enabled: Check box-Indicates whether NFSv4 is enabled on the NFS server

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccountIdentity	Y
NFS Server	Choose an EMC Unity NAS server to be modified	EMCUnityNfsServerIdentity	Y
NFSv4 Enabled	Check to enable NFSv4 Linux/Unix shares on the NAS server	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_NFS_SERVER_IDENTITY	EMC Unity NFS Server Identity.	EMCUnityNfsServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify NIS Server

Summary

Modify an NIS Server for an NAS Server on an EMC Unity array.

Description

This task modifies an NIS Server for an NAS Server on an EMC Unity storage array. Input Format:

- NIS Server:

podName@accountName@spName@id@storagePoolName@storagePoolId@nasServerName@nasServerID@domainName@nisID.

For example: Default Pod@EmcUnity@SP

A@spa@pool_7@Pool0@TestNAS@nas_4@NIS_test@nis_140

- Domain: Valid domain name-Fully qualified domain name of NIS Server
- Ip Address: Valid IPv4 or IPv6 Address-Prioritized list of one to three IPv4 and/or IPv6 addresses of NIS server(s) for the domain

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NIS Server	Choose the EMC Unity NIS server to be modified	EMCUnityNisServerIdentity	Y
Domain	Enter the domain name of the NIS server	gen_text_input	
IP Addresses	Enter one to ten IPv4 and/or IPv6 addresses of NIS servers in order of priority, separated by commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_NIS_SERVER_IDENTITY	EMC Unity NIS Server Identity	EMCUnityNisServerIdentity

EMC Unity - Modify SMB Server

Summary

Modify an SMB Server on an EMC Unity NAS Server.

Description

This task modifies the properties of an SMB Server created over an NAS Server. Input Format:

- SMB Server:
podName@accountName@spName@id@storagePoolName@storagePoolid@nasServerName@nasServerID@smbServerID.
For example: Default Pod@EmcUnity@SP A@spa@pool_7@Pool0@TestNAS@nas_4@cifs_15
- Server Type: Two Inputs. For example: Standalone, Active Directory
- NetBIOS Name: Valid name
- Description: Valid Description
- Workgroup: Valid Workgroup(Standalone Server Type)
- Administrator Password: Valid password-The password must be 8 to 40 characters in length,must contain one Upper case and lower case letter,one numeric and one special character(! , @ # \$ % ^ * ? _ ~)(Standalone Server Type)
- Windows Domain: Valid Domain name where SMB server is registered in Active Directory(Active Directory Server Type)
- Domain Administrator Name: Valid Active Directory domain user name(Active Directory Server Type)
- Domain Administrator Password: Valid Active Directory domain password(Active Directory Server Type)
- Organizational Unit: Valid LDAP organizational unit of SMB server in Active Directory(Active Directory Server Type)

Inputs

Input	Description	Mappable To Type	Mandatory
SMB Server	Choose an EMC Unity SMB server to be modified	EMCUnity SMBServerIdentity	Y
SMB Server Type	Choose a SMB server type	EMCUnity SMBServerType	
NetBIOS Name	Enter the name of the SMB server in Windows network	gen_text_input	
Description	Enter a description for the SMB server	gen_text_input	
Workgroup	Enter a standalone SMB server workgroup	gen_text_input	
Administrator Password	Enter a standalone SMB server administrator password. The password must be 8 to 40 characters long and contain at least one upper and one lower case letter, one numeral, and one special character (! , @ # \$ % ^ * ? _ ~).	password	
Windows Domain	Enter a domain name where the SMB server is registered in Active Directory	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Domain Administrator Name	Enter the Active Directory domain user name	gen_text_input	
Domain Administrator Password	Enter the Active Directory domain password	password	
Organizational Unit	Enter the LDAP organizational unit of the SMB server in Active Directory	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NAS_SERVER_IDENTITY	EMC Unity NAS Server Identity.	EMCUnityNasServerIdentity
OUTPUT_EMC_UNITY_CIFS_SERVER_IDENTITY	EMC Unity SMB Server Identity	EMCUnitySMBServerIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - NFS Share Operations

This chapter contains the following sections:

- [EMC Unity - Add hosts to NFS Share, on page 1660](#)
- [EMC Unity - Create NFS Share, on page 1661](#)
- [EMC Unity - Delete NFS Share, on page 1663](#)
- [EMC Unity - Modify NFS Share, on page 1664](#)
- [EMC Unity - Remove hosts from NFS Share, on page 1665](#)

EMC Unity - Add hosts to NFS Share

Summary

Add hosts to the NFS share with different access types.

Description

This task map one or more hosts to an NFS share based on selected Access type. Same host can not be part of more than on Access Type group. E.g if a host is added to No Access hosts, it can not be part of Root Access or Read write Access or Read Access Groups. Input Format:

- EMC Unity NFS Share:
`podName@accountName@nasName@nasData@tagPod@tagPod@SystemName@SystemData@ShareName@ShareData`
 For example: Default Pod@EmcUnity@SP
 A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@testNFS@NFSShare_18
- Host Access Type: Select the default access Type
- Host(s): Select the hosts to associate to NFS Share

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NFS Share	Choose an NFS share to associate with the host	EMCUnityNfsShareIdentity	Y
Host Access Type	Choose a host access type	EMCUnityNFSshareHost AccessType	
Host(s)	Choose one or more hosts to associate with the NFS share	EMCUnityHostIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_NFS_SHARE_NAME	EMC Unity NFS Share Name	gen_text_input
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShot Identity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccount Identity
OUTPUT_EMC_UNITY_NFS_SHARE_EXPORT_PATH	EMC Unity NFS Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_LOCAL_PATH	EMC Unity NFS Share Local Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_IDENTITY	EMC Unity NFS Share Identity.	EMCUnityNfsShare Identity

EMC Unity - Create NFS Share

Summary

Create an NFS share on a file system or on a snapshot of the file system.

Description

This task creates an NFS Share on an EMC Unity file system or on a snapshot of the file system. You can optionally associate Host during NFS Share creation. Same host can not be part of more than one Access Type. E.g if a host is added to No Access hosts, it can not be part of Root Access or Read write Access or Read Access Groups. If no hosts are selected, all hosts will have same access as selected in Default Access input. The rollback task for Create EMC Unity NFS Share is Delete EMC Unity NFS Share. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity File System:
podName@accountName@spName@dc@msServerName@msServerID@storagePool@storagePoolName@fileSystemName@fileSystemID.
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- Use Snapshot: Check box to create NFS Share on Snapshot
- EMC Unity File System Snapshot: Select the file system to create NFS share on
- Name: Valid Storage Pool Name - The following special characters are not allowed: " % & ' * + . / \ ; < = > ? ^ @ | ,
- Description: Valid Description
- Path: Valid Path - Path destination should exist, if path is not given share is created on root directory
- Default Access: Select the default access Type
- Minimum Security: Select the minimum Security Type
- No Access Hosts: Select the hosts that you want to prevent access to
- Read Only Hosts: Select the hosts that you want to provide read-only access to
- Root Access Hosts: Select the hosts that you want to provide root access to
- Read Write Hosts: Select the hosts that you want to provide read-write access to

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccount Identity	Y
EMC Unity File System	Choose an EMC Unity file system to be added to NFS share	EMCUnityFileSystem Identity	Y
Use Snapshot	Check to create an NFS share on a snapshot	Boolean	
EMC Unity File System Snapshot	Choose a file system snapshot to create an NFS share on	EMCUnitySnapShot Identity	Y
Name	Enter the name of NFS share. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , ; , < , = , > , ? , ^ , @ , and , "	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Path	Enter the path for the NFS share. The share is created in the root directory if the path is empty.	gen_text_input	
Description	Enter a description for the NFS share	gen_text_input	
Default Access	Choose the default access type	EMCUnityNFSshareHostAccessType	
Minimum Security	Choose the minimum security type	EMCUnityNFSshareMinimumSecurityType	
No Access Hosts	Choose one or more hosts to assign access prevention	EMCUnityHostIdentity	
Read Only Hosts	Choose one or more hosts to assign read-only access	EMCUnityHostIdentity	
Read Write Hosts	Choose one or more hosts to assign read-write access	EMCUnityHostIdentity	
Root Access Hosts	Choose one or more hosts to assign root access	EMCUnityHostIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NFS_SHARE_NAME	EMC Unity NFS Share Name	gen_text_input
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShotIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NFS_SHARE_EXPORT_PATH	EMC Unity NFS Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_LOCAL_PATH	EMC Unity NFS Share Local Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_IDENTITY	EMC Unity NFS Share Identity.	EMCUnityNfsShareIdentity

EMC Unity - Delete NFS Share

Summary

Delete an NFS Share from an EMC Unity Array.

Description

This task deletes an NFS Share from an EMC Unity Array. This is the rollback task for Create EMC Unity NFS Share. Input Format:

- EMC Unity NFS Share:

PodName@AccountName@Namespace@SnapshotName@StoragePodName@StoragePoolName@SystemName@SystemDataShareName@ShareD

For example: Default Pod@EmcUnity@SP

A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@testNFS@NFSShare_18

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NFS Share	Select EMC Unity NFS Share to delete	EMCUnityNfsShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NFS_SHARE_NAME	EMC Unity NFS Share Name	gen_text_input
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapshotIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_NFS_SHARE_EXPORT_PATH	EMC Unity NFS Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_LOCAL_PATH	EMC Unity NFS Share Local Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_IDENTITY	EMC Unity NFS Share Identity.	EMCUnityNfsShareIdentity

EMC Unity - Modify NFS Share

Summary

Modify an NFS Share.

Description

This task modifies an NFS Share in the EMC Unity Array. Only Description, Default Access Type and Minimum security values can be modified using this task. Input Format:

- EMC Unity NFS Share:
podName@accountName@Name@DomainName@StoragePodName@StoragePodID@SystemName@SystemDomain@ShareName@ShareID
For example: Default Pod@EmcUnity@SPA@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@testNFS@NFSShare_18
- Description: Valid Description
- Default Access: Select the default access Type
- Minimum Security: Select the minimum Security Type

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NFS Share	Choose an EMC Unity NFS share to be modified	EMCUnityNfsShareIdentity	Y
Description	Enter a description for the NFS share	gen_text_input	
Default Access	Choose a default access type	EMCUnityNFSshareHostAccess Type	
Minimum Security	Choose a minimum security type	EMCUnityNFSshareMinimum SecurityType	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_NFS_SHARE_NAME	EMC Unity NFS Share Name	gen_text_input
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShot Identity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccount Identity
OUTPUT_EMC_UNITY_NFS_SHARE_EXPORT_PATH	EMC Unity NFS Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_LOCAL_PATH	EMC Unity NFS Share Local Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_IDENTITY	EMC Unity NFS Share Identity.	EMCUnityNfsShare Identity

EMC Unity - Remove hosts from NFS Share

Summary

Remove hosts from an NFS share with different access types.

Description

This task unmaps one or more Hosts from an NFS share. Input Format:

- EMC Unity NFS Share:
PodName@AccountName@Namespace@StoragePodName@StoragePool@SystemName@SystemDomain@ShareName@ShareID
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@testNFS@NFSShare_18
- Host Access Type: Select the default access Type
- Host(s): Select the hosts to unassociate from NFS Share

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity NFS Share	Choose an NFS share from which to remove existing hosts	EMCUnityNfsShareIdentity	Y
Host Access Type	Choose a host access type	EMCUnityNFSshareHost AccessType	
Host(s)	Choose one or more hosts to dissociate from the NFS share	EMCUnityHostIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_HOST_IDENTITY	EMC Unity Host Identity.	EMCUnityHostIdentity
OUTPUT_EMC_UNITY_NFS_SHARE_NAME	EMC Unity NFS Share Name	gen_text_input
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShot Identity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccount Identity
OUTPUT_EMC_UNITY_NFS_SHARE_EXPORT_PATH	EMC Unity NFS Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_LOCAL_PATH	EMC Unity NFS Share Local Path	gen_text_input
OUTPUT_EMC_UNITY_NFS_SHARE_IDENTITY	EMC Unity NFS Share Identity.	EMCUnityNfsShare Identity



EMC Unity - SMB Share Operations

This chapter contains the following sections:

- [EMC Unity - Create SMB Share, on page 1668](#)
- [EMC Unity - Delete SMB Share, on page 1670](#)
- [EMC Unity - Modify SMB Share, on page 1671](#)

EMC Unity - Create SMB Share

Summary

Create an SMB/CIFS Share object on an EMC Unity array.

Description

This task creates an SMB/CIFS Share on an EMC Unity storage array. This task creates two types of shares:

- An SMB Share created on a file system.
- An SMB Share created on a snapshot.

Input Format:

- EMC Unity Account: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity File System:
podName@accountName@spName@id@nasServerName@nasServerID@storagePoolName@storagePoolID@fileSystemName@fileSystemID.
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- Use Snapshot: Check box-To create SMB Share on Snapshot
- EMC Unity File System Snapshot: Select the file system to create SMB share on
- Name: Valid Storage Pool Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: Valid Description
- Path: Valid Path - Path destination should exist, if path is not given share is created on root directory
- Access-based Enumeration: Check box-Filter directory entries according to client access permission
- Branch Cache Enabled: Check box-Supports hash generation for branch cache retrieval of data
- Protocol Encryption: Check box-Encrypt data as it is transmitted between the array and the host
- Continuous Availability: Check box-Gives continuous access to the share following an NAS Server failover
- Offline Availability: Check box-Manage the offline caching of the files by the client
- UMASK: Valid UMASK. For example: 022 Specifies the default UNIX UMASK for new files created on the share

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Choose an EMC Unity account	EMCUnityAccount Identity	Y
EMC Unity File System	Choose a file system on which to create the SMB share	EMCUnityFileSystem Identity	Y
Use Snapshot	Check to use the snapshot of the file system for share creation	Boolean	
Path	Enter the path of the SMB share related to the NAS server. The share is created in the root directory if the path is empty.	gen_text_input	
Share Name	Enter the name of the SMB share. The following 19 special characters are not	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	allowed: ", %, &, ', *, +, ., /, \, :, ;, <, =, >, ?, ^, @, and ,"		
Description	Enter a description for the SMB share	gen_text_input	
Access-based Enumeration	Check to filter directory entries by client access permission	Boolean	
Branch Cache Enabled	Check to branch the data retrieval cache	Boolean	
Protocol Encryption	Check to encrypt data transmitted between the array and the host	Boolean	
Continuous Availability	Check to maintain continuous access to the share following a NAS server failover	Boolean	
Offline Availability	Choose an offline availability type to manage offline file caching by the client	EMCUnitySMBShare OfflineAvailability Type	
UMASK	Enter the default UNIX UMASK for new files created on the share	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_CIFS_SHARE_IDENTITY	EMC Unity SMB Share Identity	EMCUnitySMBShare Identity
OUTPUT_EMC_UNITY_CIFS_SERVER_IDENTITY	EMC Unity SMB Server Identity	EMCUnitySMBServer Identity
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShot Identity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT_EMC_UNITY_CIFS_SHARE_NAME	EMC Unity SMB Share Name	gen_text_input
OUTPUT_EMC_UNITY_CIFS_SHARE_EXPORT_PATH	EMC Unity SMB Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Delete SMB Share

Summary

Delete an SMB/CIFS Share object from an EMC Unity array.

Description

This task deletes an SMB/CIFS Share from an EMC Unity storage array. This task is also the rollback task for Create EMC Unity SMB/CIFS Share. Input Format:

- EMC Unity SMB Share:

podName@accountName@NAS@Data@tagPodName@tagPodName@FS@Data@ShareName@ShareID

For example: Default Pod@EmcUnity@SP

A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@TestSMB@SMBShare_10

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity SMB Share	Choose an EMC Unity SMB share to be deleted	EMCUnitySMBShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_CIFS_SHARE_IDENTITY	EMC Unity SMB Share Identity	EMCUnitySMBShareIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystemIdentity
OUTPUT_EMC_UNITY_CIFS_SHARE_NAME	EMC Unity SMB Share Name	gen_text_input
OUTPUT_EMC_UNITY_CIFS_SHARE_EXPORT_PATH	EMC Unity SMB Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify SMB Share

Summary

Modify an SMB/CIFS Share object on an EMC Unity array.

Description

This task modifies an SMB/CIFS Share on an EMC Unity storage array. This task modifies two types of shares:

- An SMB Share created on a file system
- An SMB Share created on a snapshot

Input Format:

- EMC Unity SMB Share:
`podName@arrayName@spName@nasName@StoragePodName@StoragePodName@SystemD@nasName@nasName`
 For example: Default Pod@EmcUnity@SPA@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@TestSMB@SMBShare_10
- Description: Valid Description
- Access-based Enumeration: Check box-Filter directory entries according to client access permission
- Branch Cache Enabled: Check box-Supports hash generation for branch cache retrieval of data
- Protocol Encryption: Check box-Encrypt data as it is transmitted between the array and the host
- Continuous Availability: Check box-Gives continuous access to the share following an NAS Server failover
- Offline Availability: Check box-Manage the offline caching of the files by the client.
- UMASK: Valid UMASK. For example: 022. Specifies the default UNIX UMASK for new files created on the share.

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity SMB Share	Choose an EMC Unity SMB share to be modified	EMCUnitySMBShare Identity	Y
Description	Enter a description for the SMB share	gen_text_input	
Access-based Enumeration	Check to filter directory entries by client access permission	Boolean	
Branch Cache Enabled	Check to branch the data retrieval cache	Boolean	
Protocol Encryption	Check to encrypt data transmitted between the array and the host	Boolean	
Continuous Availability	Check to maintain continuous access to the share following a NAS server failover	Boolean	
Offline Availability	Choose an offline availability type to manage offline file caching by the client	EMCUnitySMBShare OfflineAvailability Type	
UMASK	Enter the default UNIX UMASK for new files created on the share	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_CIFS_SHARE_IDENTITY	EMC Unity SMB Share Identity	EMCUnitySMBShare Identity
OUTPUT_EMC_UNITY_CIFS_SERVER_IDENTITY	EMC Unity SMB Server Identity	EMCUnitySMBServer Identity
OUTPUT_EMC_UNITY_SNAPSHOT_IDENTITY	EMC Unity Snapshot Identity	EMCUnitySnapShot Identity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT_EMC_UNITY_CIFS_SHARE_NAME	EMC Unity SMB Share Name	gen_text_input
OUTPUT_EMC_UNITY_CIFS_SHARE_EXPORT_PATH	EMC Unity SMB Share Export Path	gen_text_input
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - Snapshot Schedule Operations

This chapter contains the following sections:

- [EMC Unity - Pause Snapshot Creation, on page 1674](#)
- [EMC Unity - Start Snapshot Creation, on page 1675](#)

EMC Unity - Pause Snapshot Creation

Summary

Pause snapshot creation.

Description

This task pauses snapshot creation of a file system, a LUN, or a Consistency Group on an EMC Unity storage array. There will not be any Snapshots created by system until it is moved from Paused state.

Input Format:

- Storage Resource: Storage Resource can be either Consistency Group, LUN or File System
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID.
For example: Vblock@Unity_Hybrid@TestCG@res_26
- EMC Unity File System:
podName@accountName@spName@id@nsServerName@nsServerID@storagePoolName@storagePoolID@fileSystemName@fileSystemID.
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- LUN: PodName@accountName@storagePoolName@storagePoolID@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Resource	Choose a storage resource type	EMCUnityStorageResourceSnap Type	
File System	Select FileSystem to modify	EMCUnityFileSystemIdentity	Y
LUN	Select LUN to modify	EMCUnityLunIdentity	Y
Consistency Group	Select EMC Unity Consistency Group to modify	EMCUnityConsistencyGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroup Identity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT_EMC_UNITY_SNAPSHOT_SCHEDULE_IDENTITY	EMC Unity Snapshot Schedule Identity	EMCUnitySnapshotSchedule Identity

EMC Unity - Start Snapshot Creation

Summary

Start snapshot creation.

Description

This task starts snapshot creation of a file system, a LUN, or a Consistency Group on an EMC Unity storage array. Input Format:

- Storage Resource: Storage Resource can be either Consistency Group,LUN or File System
- Consistency Group: podName@AccountName@consistencyGroupName@ConsistencyGroupID.
For example: Vblock@Unity_Hybrid@TestCG@res_26
- EMC Unity File System:
podName@accountName@spName@id@nasServerName@nasServerID@storagePoolName@storagePoolID@fileSystemName@fileSystemID.
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- LUN: PodName@accountName@storagePoolName@storagePoolId@lunName@lunID. For example: Vblock@Unity_Hybrid@Pool1@pool_7@TestLUN@lun_7

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Resource	Choose a storage resource type	EMCUnityStorageResourceSnap Type	
File System	Choose an EMC Unity file system on which to start snapshot creation	EMCUnityFileSystemIdentity	Y
LUN	Select LUN to modify	EMCUnityLunIdentity	Y
Consistency Group	Select EMC Unity Consistency Group to modify	EMCUnityConsistencyGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_LUN_IDENTITY	EMC Unity LUN Identity	EMCUnityLunIdentity
OUTPUT_EMC_UNITY_CONSISTENCY_GROUP_IDENTITY	EMC Unity Consistency Group Identity	EMCUnityConsistencyGroup Identity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity
OUTPUT_EMC_UNITY_SNAPSHOT_SCHEDULE_IDENTITY	EMC Unity Snapshot Schedule Identity	EMCUnitySnapshotSchedule Identity



EMC Unity - Storage Pool Operations

This chapter contains the following sections:

- [EMC Unity - Create Storage Pool, on page 1678](#)
- [EMC Unity - Delete Storage Pool, on page 1680](#)
- [EMC Unity - Expand Storage Pool, on page 1681](#)
- [EMC Unity - Modify Storage Pool, on page 1683](#)

EMC Unity - Create Storage Pool

Summary

Create a storage pool on an EMC Unity array.

Description

This task creates a storage pool on an EMC Unity storage array. You can specify only one disk group while creating the storage pool. If you want to add disks from another disk group, use the Expand Storage Pool task. Once the disks are added, they cannot be removed from the pool. The selected disk group should have enough spare disks to successfully create a storage pool. RAID stripe width is optional. If no value selected, Best Fit is the default value. Disk Counts 2, 3, 6, 8, 10, and 12 are supported for RAID 1/0 type. Disk Counts 5, 9, and 13 are supported for RAID 5. Disk Counts 6, 8, 10, 12, 14, and 16 are supported for RAID 6. The Alert Threshold value must be between 50 and 84. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- Name: Valid Storage Pool Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,
- Description: A valid Description
- EMC Unity Disk Group: podName@accountName@tierType@tierId@diskGroupName@diskGroupId. For example: Vblock@Unity_Hybrid@Extreme Performance@10@800 GB SAS Flash 2@dg_4
- EMC Unity RAID Type: RAID 5, RAID 1/0, or RAID 6
- RAID Stripe Width Type: Choices for RAID group stripe widths, including parity or mirror disks
- Number of Disks: The number of disks to be added to the new Storage pool
- Alert Threshold: Between 50 and 84

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	EMC Unity Account Name	EMCUnityAccount Identity	Y
Name	Enter a name for the storage pool. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , : , ; , < , = , > , ? , ^ , @ , and , "	gen_text_input	
Description	Enter a description of the storage pool	gen_text_input	
EMC Unity Disk Group	Choose a disk group to be used for the storage pool	EMCUnityDiskGroup Identity	Y
RAID Type	Choose a RAID type	EMCUnityRaidType	Y
RAID Stripe Width	Choose a RAID stripe width type	EMCUnityRaidStripe Width	
Number of Disks	Enter the number of disks to be added in storage pool	gen_text_input	Y
Alert Threshold	Enter the threshold value at which the system sends an email notification of available pool capacity. The alert threshold value must be between 50 and 84. For example, if you	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	specify 84, the system sends an alert when the allocated storage is 84% full.		

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_DISK_GROUP_IDENTITY	EMC Unity Disk Group Identity.	EMCUnityDiskGroupIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_NAME	EMC Unity Storage Pool Name	gen_text_input
OUTPUT_EMC_UNITY_RAID	EMC Unity RAID Type	EMCUnityRaidType
OUTPUT_EMC_UNITY_RAID_STRIPE_WIDTH	EMC Unity RAID Stripe Width	EMCUnityRaidStripeWidth
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity

EMC Unity - Delete Storage Pool

Summary

Delete a storage pool from an EMC Unity array.

Description

This task deletes a storage pool from an EMC Unity storage array. This task will fail if the selected Storage Pool is associated to any Storage resources like LUN, NAS Server or File System Input Format:

- EMC Unity Storage Pool: PodName@accountName@storagePoolName@storagePoolId. For example: Vblock@Unity_Hybrid@Pool1@pool_7

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Storage Pool	Choose an EMC Unity storage pool to be deleted	EMCUnityStoragePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity

EMC Unity - Expand Storage Pool

Summary

Expand a storage pool on an EMC Unity array.

Description

This task expands a storage pool on an EMC Unity storage array by adding more disks. Storage Pool, Disk Group, RAID Type and number of disks are mandatory inputs. The selected disk group should have enough spare disks to successfully expand storage pool. If the disk group is already part of storage pool, use the same RAID type to expand the storage pool. RAID stripe width is optional. If no value selected, Best Fit is default value. Disk Count 2,3,6,8,10,12 are supported for RAID 1/0 types. Disk Count 5,9,13 are supported for RAID 5. Disk Count 6,8,10,12,14,16 are supported for RAID 6. Input Format:

- EMC Unity Storage Pool: PodName@accountName@storagePoolName@storagePoolId. For example: Vblock@Unity_Hybrid@Pool1@pool_7
- EMC Unity Disk Group: podName@accountName@tierType@tierId@diskGroupName@diskGroupId. For example: Vblock@Unity_Hybrid@Extreme Performance@10@800 GB SAS Flash 2@dg_4
- EMC Unity RAID Type: RAID 5, RAID 1/0, or RAID 6
- RAID Stripe Width Type: Choices for RAID group stripe widths, including parity or mirror disks
- Number of Disks: Number of disks to be added to the new storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Storage Pool	Choose an EMC Unity storage pool to be expanded	EMCUnityStoragePool Identity	Y
EMC Unity Disk Group	Choose a disk group to be used for storage pool	EMCUnityDiskGroup Identity	Y
EMC Unity RAID Type	Choose a RAID type	EMCUnityRaidType	Y
RAID Stripe Width	Choose a RAID stripe width	EMCUnityRaidStripeWidth	
Number of Disks	Enter the number of disks to be added to the storage pool	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_DISK_GROUP_IDENTITY	EMC Unity Disk Group Identity.	EMCUnityDiskGroup Identity
OUTPUT_EMC_UNITY_STORAGE_POOL_NAME	EMC Unity Storage Pool Name	gen_text_input
OUTPUT_EMC_UNITY_RAID	EMC Unity RAID Type	EMCUnityRaidType
OUTPUT_EMC_UNITY_RAID_STRIPE_WIDTH	EMC Unity RAID Stripe Width	EMCUnityRaidStripeWidth

Output	Description	Type
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePool Identity

EMC Unity - Modify Storage Pool

Summary

Modify a storage pool on an EMC Unity array.

Description

This task modifies a storage pool in an EMC Unity storage array. Storage Pool Name and Alert Threshold values can be modified through this task. At least one of the parameters must be modified to successfully execute this task. Alert Threshold value must be between 50 and 84 Input Format:

- EMC Unity Storage Pool: PodName@accountName@storagePoolName@storagePoolId. For example: Vblock@Unity_Hybrid@Pool1@pool_7
- Name: Valid Storage Pool Name - The following special characters are not allowed: " % & ' * + . / \ ; < = > ? ^ @ | ,
- Description: A valid Description
- Alert Threshold: between 50 and 84

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Storage Pool	Choose an EMC Unity storage pool to be modified	EMCUnityStoragePoolIdentity	Y
Name	Enter the name for storage pool. The following 19 special characters are not allowed: " , % , & , ' , * , + , . , / , \ , ; , < , = , > , ? , ^ , @ , and , "	gen_text_input	
Description	Enter a description for storage pool	gen_text_input	
Alert Threshold	Enter the threshold value at which the system sends an email notification of available pool capacity. The alert threshold value must be between 50 and 84. For example, if you specify 84, the system sends an alert when the allocated storage is 84% full.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_STORAGE_POOL_IDENTITY	EMC Unity Storage Pool Identity	EMCUnityStoragePoolIdentity



EMC Unity - Tree Quota Operations

This chapter contains the following sections:

- [EMC Unity - Create Tree Quota, on page 1686](#)
- [EMC Unity - Delete Tree Quota, on page 1688](#)
- [EMC Unity - Modify Tree Quota, on page 1689](#)

EMC Unity - Create Tree Quota

Summary

Create a new tree quota on a file system on an EMC Unity array.

Description

This task creates a tree quota on an EMC Unity storage array. Create EMC Unity Tree Quota is also the rollback task for Delete EMC Unity Tree Quota. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity File System:
podName@accountName@spName@id@nsServerName@nsServerID@storagePool@storagePoolName@fileSystemName@fileSystemID.
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- User ID: Valid User ID. For example: 1
- Soft Limit: Valid Soft Limit-If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the specified grace period.The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB
- Hard Limit: If the quota tree's space usage exceeds the hard limit, users cannot write to the quota tree.The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB
- Path: Valid path-The path is relative to the root of the file system and must start with a forward slash. For example:/sample_path1/sample_path2.
- Description: Valid Description

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	Choose an EMC Unity account	EMCUnityAccount Identity	Y
EMC Unity File System	Choose an EMC Unity file system	EMCUnityFileSystem Identity	Y
Path	Enter the path relative to the root of the file system, starting with a forward slash. For example: /sample_path1/sample_path2.	gen_text_input	Y
Description	Enter a description of the tree quota	gen_text_input	
Soft Limit	Enter the soft limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the grace period. Decimals are not supported and are set to 0.	gen_text_input	
Capacity Units	Enter Capacity Units	EMCUnitySizeUnit	Y
Hard limit	Enter the hard limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the hard limit, users cannot	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	write to the quota tree. Decimal values are not supported and are set to 0.		
Capacity Units	Enter Capacity Units	EMCUnitySizeUnit	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_TREE_QUOTA_IDENTITY	EMC Unity Tree Quota Identity	EMCUnityTreeQuotaIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystemIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Delete Tree Quota

Summary

Delete a tree quota on a file system on an EMC Unity array.

Description

This task deletes a tree quota on an EMC Unity storage array. Delete EMC Unity Tree Quota is also the rollback task for Create EMC Unity Tree Quota. Input Format:

- EMC Unity Tree Quota:

`podName@accountName@pName@l@nsaveName@saveData@tagPodName@tagPodID@FSName@FSID@quotaID`

For example: Default Pod@EmcUnity@SP

A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@/qtree@treequota_171798691867_1

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Tree Quota	Choose an EMC Unity tree quota to be deleted	EMCUnityTreeQuotaIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_TREE_QUOTA_IDENTITY	EMC Unity Tree Quota Identity	EMCUnityTreeQuotaIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystemIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

EMC Unity - Modify Tree Quota

Summary

Modify an existing tree quota.

Description

This task modifies the soft limit and hard limit of a tree quota. Input Format:

- EMC Unity Tree Quota:
podName@accountName@spName@id@nsName@nsVolID@storagePodName@storagePodID@FSName@FSID@path@quotaID
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@/qtree@treequota_171798691867_1
- User ID: Valid User ID. For example: 1
- Soft Limit: Valid Soft Limit-If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the specified grace period. The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB
- Hard Limit: If the quota tree's space usage exceeds the hard limit, users cannot write to the quota tree. The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB
- Description: Valid Description

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Tree Quota	Choose an EMC Unity tree quota to be modified	EMCUnityTreeQuota Identity	Y
Description	Enter a description for the tree quota	gen_text_input	
Soft Limit	Enter the soft limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the grace period. Decimals are not supported and are set to 0.	gen_text_input	
Capacity Units	Choose a capacity unit	EMCUnitySizeUnit	Y
Hard limit	Enter the hard limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the hard limit, users cannot write to the quota tree. Decimal values are not supported and are set to 0.	gen_text_input	
Capacity Units	Choose a capacity unit	EMCUnitySizeUnit	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_TREE_QUOTA_IDENTITY	EMC Unity Tree Quota Identity	EMCUnityTreeQuotaIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystem Identity

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - User Quota Operations

This chapter contains the following sections:

- [EMC Unity - Create User Quota, on page 1692](#)
- [EMC Unity - Modify User Quota, on page 1694](#)

EMC Unity - Create User Quota

Summary

Create a new user quota on an EMC Unity storage array.

Description

This task creates a quota on an EMC Unity storage array, either on a file system or on a tree quota on an EMC Unity array. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- User Quota to be created on: To create user quota either on File System or Tree Quota
- EMC Unity File System:
podName@accountName@spName@id@nsServerName@nsServerID@storagePodName@storagePodID@fileSystemName@fileSystemID
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14
- EMC Unity Tree Quota:
podName@accountName@spName@id@nsServerName@nsServerID@storagePodName@storagePodID@fileSystemName@fileSystemID@path@quotaID
For example: Default Pod@EmcUnity@SP
A@spa@TestNAS@nas_4@pool_7@Pool0@TestFS@fs_14@/qtree@treequota_171798691867_1
- User ID: Valid User ID. For example: 1
- Soft Limit: Valid Soft Limit-If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the specified grace period. The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB
- Hard Limit: If the quota tree's space usage exceeds the hard limit, users cannot write to the quota tree. The default value 0 means no limitation.
- Capacity Units: The unit for the Size of the User Quota. For example: 2GB,MB or TB

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account Name	Choose an EMC Unity account	EMCUnityAccount Identity	Y
User Quota to be created on	Choose a file system or tree quota for the user quota to be created on	EMCUnityUserQuota Option	
EMC Unity File System	Choose an EMC Unity file system	EMCUnityFileSystem Identity	Y
EMC Unity Tree Quota	Choose an EMC Unity tree quota	EMCUnityTreeQuota Identity	Y
User ID	Enter a user ID	gen_text_input	Y
Soft Limit	Enter the soft limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the soft limit, the storage system starts to count down based on the grace period. Decimals are not supported and are set to 0.	gen_text_input	
Capacity Units	Choose a capacity unit	EMCUnitySizeUnit	Y

Input	Description	Mappable To Type	Mandatory
Hard limit	Enter the hard limit. The default value is 0, which indicates no limit. If the quota tree's space usage exceeds the hard limit, users cannot write to the quota tree. Decimal values are not supported and are set to 0.	gen_text_input	
Capacity Units	Enter Capacity Units	EMCUnitySizeUnit	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_TREE_QUOTA_IDENTITY	EMC Unity Tree Quota Identity	EMCUnityTreeQuotaIdentity
OUTPUT_EMC_UNITY_USER_QUOTA_IDENTITY	EMC Unity User Quota Identity	EMCUnityUserQuotaIdentity
OUTPUT_EMC_UNITY_FILE_SYSTEM_IDENTITY	EMC Unity File System Identity.	EMCUnityFileSystemIdentity
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity



EMC Unity - iSCSI Portal Operations

This chapter contains the following sections:

- [EMC Unity - Create iSCSI Portal, on page 1698](#)
- [EMC Unity - Delete iSCSI Portal, on page 1700](#)
- [EMC Unity - Modify iSCSI Portal, on page 1701](#)

EMC Unity - Create iSCSI Portal

Summary

Create a new iSCSI portal on an EMC Unity array.

Description

This task creates an iSCSI Portal on an EMC Unity storage array. Only one IPv4 and one IPv6 iSCSI interface per VLAN on physical port is allowed Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity Ethernet Port: podName@accountName@spName@id@iportName@ipPortId. For example: Default Pod@EmcUnity@SP A@spa@SP A I/O Module 0 Ethernet Port 0@spa_iom_0_eth0
- IP Address: Valid IPv4 or IPv6 Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway: Valid IPv4 Address
- VLAN ID: Only change this value if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network will not work properly if this value is set incorrectly

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity Account to create iSCSI portal	EMCUnityAccount Identity	Y
EMC Unity Ethernet Port	Select EMC Unity Ethernet Port to create iSCSI portal	EMCUnityEthernetPort Identity	Y
IP Address	Enter the network address in IPv4 or IPv6 format for the portal	gen_text_input	Y
Subnet Mask/Prefix Length	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	Y
VLAN ID	Enter a virtual LAN identifier for the network address in the range 1 to 4094	gen_text_input	
Gateway	Enter a gateway address for the network address	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortal Identity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPort Identity

Output	Description	Type
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input

EMC Unity - Delete iSCSI Portal

Summary

Delete an iSCSI portal on an EMC Unity array.

Description

This task deletes an iSCSI Portal on an EMC Unity storage array. Delete EMC Unity iSCSI Portal is also the rollback task for Create EMC Unity iSCSI Portal. If the Portal is associated with an iSCSI route, the route is also deleted. Input Format:

- EMC Unity iSCSI Portal:
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiID. For example:
Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port
0@iqn.1992-04.com.emc:cx.apm00164209556.a4@spa_iom_0_eth0@10.28.107.146@if_7

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Portal	Select EMC Unity iSCSI Portal to delete	EMCUnityIscsiPortalIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortalIdentity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPortIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input

EMC Unity - Modify iSCSI Portal

Summary

Modify an existing iSCSI Portal on an EMC Unity Array.

Description

This task modifies an iSCSI Portal on an EMC Unity storage array. Only one IPv4 and one IPv6 iSCSI interface per VLAN on physical port is allowed Input Format:

- EMC Unity iSCSI Portal:
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiID. For example:
Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port
0@iqn.1992-04.com.emc.cx.apm00164209556.a4@spa_iom_0_eth0@10.28.107.146@if_7
- IP Address: Valid IPv4 or IPv6 Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway:: Valid IPv4 Address
- VLAN ID: Only change this value if you have configured your switch port to support VLAN tagging of multiple VLAN IDs. The network will not work properly if this value is set incorrectly

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Portal	Choose an EMC Unity iSCSI portal to be modified	EMCUnityIscsiPortal Identity	Y
IP Address	Enter the network address in IPv4 or IPv6 format for the portal	gen_text_input	Y
Subnet Mask/Prefix Length	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	
VLAN ID	Enter a virtual LAN identifier for the network address in the range 1 to 4094	gen_text_input	
Gateway	Enter the gateway address for the network address	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortal Identity
OUTPUT_EMC_UNITY_ETHERNET_PORT_IDENTITY	EMC Unity Ethernet Port Identity	EMCUnityEthernetPort Identity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IP_ADDRESS	EMC Unity iSCSI Portal IP Address	gen_text_input

Output	Description	Type
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IQN	EMC Unity iSCSI Portal IQN	gen_text_input



EMC Unity - iSCSI Route Operations

This chapter contains the following sections:

- [EMC Unity - Create iSCSI Route, on page 1704](#)
- [EMC Unity - Delete iSCSI Route, on page 1705](#)
- [EMC Unity - Modify iSCSI Route, on page 1706](#)

EMC Unity - Create iSCSI Route

Summary

Create a new iSCSI route on an EMC Unity array.

Description

This task creates an iSCSI Route on an EMC Unity storage array. iSCSI route is created on iSCSI Portal. Prefix length in case of IPv6, should be in range 1 to 128. Gateway input is not required for IPv6 destination. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity iSCSI Portal:
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiID. For example:
Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port
0@iqn.1992-04.com.emc:cx.apm00164209556.a4@spa_iom_0_eth0@10.28.107.146@if_7
- Destination: Valid IPv4 or IPv6 Address. Route Target node IP Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway: Valid IPv4 Address

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity Account	Select EMC Unity Account to create iSCSI Route	EMCUnityAccount Identity	Y
EMC Unity iSCSI Portal	Choose an EMC Unity iSCSI portal on which to create a route	EMCUnityIscsiPortal Identity	Y
Destination	Enter an IP address for the target node of the route in IPv4 or IPv6 format	gen_text_input	Y
Subnet Mask/Prefix Length	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	Y
Gateway	Enter the IP address of the gateway associated with the route	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_ROUTE_IDENTITY	EMC Unity iSCSI Route Identity	EMCUnityIscsiRouteIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortalIdentity

EMC Unity - Delete iSCSI Route

Summary

Delete an iSCSI Route on an EMC Unity array.

Description

This task deletes an iSCSI Route on an EMC Unity storage array. Delete EMC Unity iSCSI Route is also the rollback task for Create EMC Unity iSCSI Route. Input Format:

- EMC Unity iSCSI Route:
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiPortalID@iscsiRouteID.
For example: Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port
0@iqn.1992-04.com.emc.cx.apm00164209556.a4@spa_iom_0_eth0@83.3.2.3@if_48@10.11.10.9@route_94

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Route	Select EMC Unity iSCSI Route to delete	EMCUnityIscsiRouteIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_ROUTE_IDENTITY	EMC Unity iSCSI Route Identity	EMCUnityIscsiRouteIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortalIdentity

EMC Unity - Modify iSCSI Route

Summary

Modify an iSCSI Route on an EMC Unity array.

Description

This task modifies an existing iSCSI Route on an EMC Unity storage array. Prefix length in case of IPv6, should be in range 1 to 128. Gateway input is not required for IPv6 destination. Input Format:

- EMC Unity Account Name: podName@AccountName. For example: Vblock@Unity_Hybrid
- EMC Unity iSCSI Route:
podName@AccountName@ipPortId@ipPortName@iqn@ipId@ipAddress@iscsiPortalID@iscsiRouteID.
For example: Default Pod@Unity-136@SP A@spa@SP A I/O Module 0 Ethernet Port
0@iqn.1992-04.com.emc.cx.apm00164209556.a4@spa_iom_0_eth0@83.3.2.3@if_48@10.11.10.9@route_94
- Destination: Valid IPv4 or IPv6 Address. Route Target node IP Address
- Subnet Mask or Prefix Length: Valid IPv4 Address for IPv4 Address or a valid prefix Length for IPv6 Address.
- Gateway: Valid IPv4 Address

Inputs

Input	Description	Mappable To Type	Mandatory
EMC Unity iSCSI Portal	Choose an EMC Unity iSCSI route to be modified	EMCUnityIscsiRoute Identity	Y
Destination	Enter the IP address of the target node of the route in IPv4/IPv6	gen_text_input	
Subnet Mask/Prefix Length	Enter the subnet mask if IPv4, or prefix length in the range 1 to 128 if IPv6, for the network address	gen_text_input	
Gateway	Enter the IP address of the gateway associated with the route	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_UNITY_ACCOUNT_IDENTITY	EMC Unity Account Identity.	EMCUnityAccountIdentity
OUTPUT_EMC_UNITY_ISCSI_ROUTE_IDENTITY	EMC Unity iSCSI Route Identity	EMCUnityIscsiRouteIdentity
OUTPUT_EMC_UNITY_ISCSI_PORTAL_IDENTITY	EMC Unity iSCSI Portal Identity	EMCUnityIscsiPortalIdentity



EMC VMAX Tasks

This chapter contains the following sections:

- [Add Device to VMAX Meta Head, on page 1709](#)
- [Add Devices to VMAX Storage Group, on page 1710](#)
- [Add Disk Group to VMAX Storage Tier, on page 1712](#)
- [Add Initiator to VMAX Initiator Group, on page 1713](#)
- [Add Port to VMAX Port Group, on page 1714](#)
- [Add Thin Pool to VMAX Storage Tier, on page 1715](#)
- [Add Tiers to VMAX Fast Policy, on page 1716](#)
- [Associate FAST Policy to VMAX Storage Group, on page 1717](#)
- [Associate VMAX Device as Datastore, on page 1718](#)
- [Bind Thin Devices to VMAX Thin Pool, on page 1719](#)
- [Create VMAX BCV Device, on page 1720](#)
- [Create VMAX Data Device, on page 1721](#)
- [Create VMAX Fast Policy, on page 1722](#)
- [Create VMAX Initiator Group, on page 1723](#)
- [Create VMAX Masking View, on page 1724](#)
- [Create VMAX Meta Device, on page 1725](#)
- [Create VMAX Port Group, on page 1726](#)
- [Create VMAX Regular Device, on page 1727](#)
- [Create VMAX Storage Group, on page 1728](#)
- [Create VMAX Storage Tier, on page 1729](#)
- [Create VMAX Thin Device, on page 1730](#)
- [Create VMAX Thin Pool, on page 1731](#)
- [Delete VMAX BCV Device, on page 1732](#)
- [Delete VMAX Data Device, on page 1733](#)
- [Delete VMAX Fast Policy, on page 1734](#)
- [Delete VMAX Initiator Group, on page 1735](#)
- [Delete VMAX Masking View, on page 1736](#)
- [Delete VMAX Port Group, on page 1737](#)
- [Delete VMAX Regular Device, on page 1738](#)
- [Delete VMAX Storage Group, on page 1739](#)
- [Delete VMAX Storage Tier, on page 1740](#)
- [Delete VMAX Thin Device, on page 1741](#)

- [Delete VMAX Thin Pool, on page 1742](#)
- [Disassociate FAST Policy from VMAX Storage Group, on page 1743](#)
- [Dissolve VMAX Meta Device, on page 1744](#)
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Add Device to VMAX Meta Head

Summary

Adds Thin/Regular Device(s) to Meta Head.

Description

This task is used for adding one or more specified Thin/Regular Device(s) as a member to a given Meta Device under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Meta Device	Choose a meta device to be the head node for the members	EMCVMAXMetaHeadDeviceIdentity	Y
Select Member Device(s)	Choose one or more member devices to be added to the meta device	EMCVMAXNonMetaUnBoundDevicesList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX SYMM DEVICE_NAMES	EMC VMAX Symmetrix Device Names	gen_text_input
OUTPUT EMC VMAX META HEAD_DEVICE_IDENTITY	EMC VMAX Meta Head Device Identity.	EMCVMAXMetaHeadDeviceIdentity

Add Devices to VMAX Storage Group

Summary

Adds a specified range of thin/regular devices to the VMAX storage group.

Description

This task is used for adding one or more selected Thin/Regular Devices to the specified Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group to add devices	EMCVMAXStorageGroup Identity	Y
Device Type	Choose the type of device to be added to the storage group	EMCVMAXDeviceTypeList	Y
Select devices	Choose one or more devices to be added to the selected storage group	EMCVMAXAllStorageThin Devices	
Select devices	Choose one or more devices to be added to the selected storage group	EMCVMAXRegularDevice IdentityList	
Host LUN ID	Enter a host LUN ID	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX THIN DEVICE_IDENTITY_LIST	EMC VMAX Thin Device Identity List	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX THIN DEVICE_IDENTITY_1	EMC VMAX Thin Device Identity 1	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX THIN DEVICE_IDENTITY_2	EMC VMAX Thin Device Identity 2	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX THIN DEVICE_IDENTITY_3	EMC VMAX Thin Device Identity 3	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX THIN DEVICE_IDENTITY_4	EMC VMAX Thin Device Identity 4	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY_LIST	EMC VMAX Regular Device Identity List	EMCVMAXRegularDevice Identity
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY_1	EMC VMAX Regular Device Identity 1	EMCVMAXRegularDevice Identity
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY_2	EMC VMAX Regular Device Identity 2	EMCVMAXRegularDevice Identity
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY_3	EMC VMAX Regular Device Identity 3	EMCVMAXRegularDevice Identity

Output	Description	Type
OUTPUT EMC VMAX REGULAR DEVICE IDENTITY_4	EMC VMAX Regular Device Identity 4	EMCVMAXRegularDeviceIdentity
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroupIdentity
OUTPUT EMC VMAX STORAGE GROUP_NAME	Name of the VMAX Storage group.	gen_text_input

Add Disk Group to VMAX Storage Tier

Summary

Adds Disk Group to VMAX Storage Tier.

Description

This task is used for adding specified Disk Group to a given VMAX Storage Tier under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTier Identity	Y
Select Disk Group	Choose one or more disk groups to be added to the storage tier	EMCVMAXStorageTier DiskGroupNameList	Y
Propagate	Check if changes are to be propagated to all storage tiers		

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE TIER IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTier Identity
OUTPUT EMC VMAX STORAGE TIER NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTier Name
OUTPUT EMC VMAX STORAGE TIER DISK GROUP	EMC VMAX Storage Tier Disk Group.	EMCVMAXStorageTierDisk Group

Add Initiator to VMAX Initiator Group

Summary

Adds an Initiator to an existing VMAX Initiator Group.

Description

This task adds an initiator(ISCSI or FCP) to an existing Initiator Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiatorGroupIdentity	Y
Initiator Type	Choose an initiator type	EMCVMAXInitiatorType	
Initiator Name	Enter a WWN or iSCSI initiator name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX INITIATOR GROUP_IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiatorGroupIdentity
OUTPUT EMC VMAX INITIATOR GROUP_NAME	Name of the VMAX Initiator group.	gen_text_input

Add Port to VMAX Port Group

Summary

Adds a Director Port to the existing VMAX Port Group

Description

This task is used to add one or more specified Director Port(s) to the existing Port Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Port Group	Choose a VMAX port group	EMCVMAXPortGroupIdentity	Y
Director Port	Choose one or more director ports	EMCVMAXPortGroup UnboundedDirPortList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDevice Identity
OUTPUT EMC VMAX PORT GROUP IDENTITY	EMC VMAX Port Group Identity.	EMCVMAXPortGroup Identity
OUTPUT EMC VMAX PORT GROUP NAME	Name of the VMAX Port group.	gen_text_input
OUTPUT EMC VMAX DIR PORTS	EMC VMAX Director Ports	gen_text_input

Add Thin Pool to VMAX Storage Tier

Summary

Adds Thin Pool to VMAX Storage Tier.

Description

This task is used for adding one or more specified Thin Pool(s) to a given VMAX Storage Tier under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTier Identity	Y
Select Thin Pool	Choose a thin pool to bind with the storage tier	EMCVMAXThinPoolNames	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_STORAGE_TIER_IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTier Identity
OUTPUT_EMV_VMAX_STORAGE_TIER_NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTier Name
OUTPUT_EMV_VMAX_STORAGE_TIER_THIN_POOL_NAMES	EMC VMAX Storage Tier Thin Pool Names.	EMCVMAXStorageTierThin PoolNames

Add Tiers to VMAX Fast Policy

Summary

Adds Tiers to VMAX Fast Policy.

Description

This task is used for adding specified Storage Tiers to a given VMAX Fast Policy under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Fast Policy	Choose a VMAX FAST policy to add tiers to	EMCVMAXFastPolicy Identity	Y
Select Storage Tier	Choose a storage tier to add to the FAST policy	EMCVMAXStorageTier Identity	Y
Max Storage Group Capacity of Tier (%)	Enter an upper limit to the space allowed for a tier in a policy as a percentage of total storage group capacity. Allowed values are 1 to 100.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX FAST POLICY STORAGE TIER NAME	EMC VMAX Fast Policy Associated Storage Tier Name.	EMCVMAXStorageTier Name
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX FAST POLICY IDENTITY	EMC VMAX Fast Policy Identity.	EMCVMAXFastPolicy Identity
OUTPUT EMC VMAX FAST POLICY NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicy Name

Associate FAST Policy to VMAX Storage Group

Summary

Associates a Fast Policy to an existing VMAX Storage Group.

Description

This task is used to associate a specific Fast Policy to an existing Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group to associate FAST policy	EMCVMAXStorageGroup Identity	Y
Select FAST Policy.	Choose a FAST policy to associate to the storage group	EMCVMAXFastPolicy Identity	Y
Storage Group Priority	Enter the priority of the storage group. Allowed values are 1 to 3.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX STORAGE GROUP NAME	Name of the VMAX Storage group.	gen_text_input
OUTPUT EMC VMAX FAST POLICY NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicy Name

Associate VMAX Device as Datastore

Summary

VMAX Thin/Regular Device Datastore Association.

Description

This task is used for creating a Datastore from a given Thin/Regular Device on a specified host with specific configurations under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Datastore Name	Enter a new datastore name	gen_text_input	Y
Select Hostnode	Choose one or more host nodes on which to create datastore	vmwareHostNodeIdentity	Y
Initiator Type	Choose an initiator type	gen_text_input	
Device Name	Choose a LUN name to associate with the datastore	EMCVMAXSymmDevice Identity	Y
VDC Name	Choose a vDC to assign the storage policy to	vDC	
Success Criteria	Choose an option for success criteria of the task	emcVmaxMountDatastore SuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Bind Thin Devices to VMAX Thin Pool

Summary

Binds Thin Devices to the specified VMAX Thin Pool.

Description

This task is used to bind one or more Thin Device(s) to the specified VMAX thin pool under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Thin Pool	Choose a VMAX thin pool	EMCVMAXThinPool Identity	Y
Select Thin Devices	Choose one or more devices of type TDEV that are not bound to any thin pool	EMCVMAXUnBounded ThinDevDevicesList	Y
Pre Allocate All	Check to allocate the entire size	gen_text_input	
Capacity Type	Choose the capacity type (MB, GB, Cylinders) for preallocating the size	EMCVMAXDeviceCapacity TypeList	
Pre-allocate Size	Enter a pre-allocate size in GB, MB, or Cylinders	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX THIN POOL_IDENTITY	EMC VMAX Thin Pool Identity.	EMCVMAXThinPool Identity
OUTPUT EMC VMAX SYMM_DEVICE_NAMES	EMC VMAX Symmetrix Device Names	gen_text_input

Create VMAX BCV Device

Summary

Create VMAX BCV Device(s)

Description

This task is used to create BCV Device(s) with the specified configurations under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Select VMAX device System	EMCVMAXDeviceIdentity	Y
Device Count	Enter the number of devices to create	gen_text_input	Y
Emulation	Choose an emulation type	EMCVMAXThinDeviceEmulationTypeList	Y
Configuration	Choose a configuration type	EMCVMAXBCVRegularDeviceConfigurationTypeList	Y
Disk Group	Choose a disk group on which to create the BCV device	EMCVMAXStorageTierDiskGroupNameList	Y
Capacity Type	Choose the type of device capacity (MB, GB, Cylinders)	EMCVMAXDeviceCapacityTypeList	Y
Capacity	Enter the size of the device	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX BCV DEVICE_NAMES	EMC VMAX BCV Device Names	gen_text_input
OUTPUT EMC VMAX DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX BCV DEVICE_IDENTITY	EMC VMAX BCV Device Identity.	EMCVMAXBCVDeviceIdentity

Create VMAX Data Device

Summary

Creates VMAX Data Device(s)

Description

This task is used to create Data Device(s) with the specified configurations under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Device Count	Enter the number of devices to be created	gen_text_input	Y
Disk Group	Choose a disk group on which to create a data device	EMCVMAXStorageTierDiskGroupNameList	Y
Emulation	Choose an emulation type	EMCVMAXDataDeviceEmulationTypeList	Y
Configuration	Select a configuration type	EMCVMAXDataDeviceConfigurationTypeList	Y
Capacity Type	Choose the capacity type (MB, GB, Cylinders) of the device to be created	EMCVMAXDeviceCapacityTypeList	Y
Capacity	Enter the size of the device	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DATA DEVICE_NAMES	EMC VMAX Data Device Names	gen_text_input
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX DATA DEVICE_IDENTITY	EMC VMAX Data Device Identity.	EMCVMAXDataDeviceIdentity

Create VMAX Fast Policy

Summary

Creates VMAX FAST Policy.

Description

This task is used to create VMAX FAST Policy with the specified configurations under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDevice Identity	Y
Fast Policy Name	Enter a new FAST policy name	gen_text_input	
Storage Tier Name	Choose a storage tier to be added to selected FAST policy	EMCVMAXStorageTier Identity	
Max Storage Group Capacity of Tier (%)	Enter an upper limit to the space allowed a tier in a policy as a percentage of total storage group capacity. Allowed values are 1 to 100.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX FAST POLICY IDENTITY	EMC VMAX Fast Policy Identity.	EMCVMAXFastPolicy Identity
OUTPUT EMC VMAX FAST POLICY NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicyName

Create VMAX Initiator Group

Summary

Creates a initiator group under a specified VMAX Symmetrix device

Description

This task is used for creating an Initiator Group (Cascaded or Standard) for a selected VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Initiator Group Type	Choose an initiator group type	EMCVMAXInitiatorGroup Type	
Initiator Group Name	Enter an initiator group name	gen_text_input	
Initiator Type	Choose an initiator type	EMCVMAXInitiatorType	
Initiator Name	Enter a WWN or iSCSI initiator name	gen_text_input	
Select Parent Initiator Group	Choose a parent initiator group	EMCVMAXInitiatorGroup Identity	
Select Child Initiator Group	Select Child Initiator Group	EMCVMAXInitiatorGroup Identity	
Consistent LUN	Check to apply an consistent LUN	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX INITIATOR GROUP IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiatorGroup Identity
OUTPUT EMC VMAX INITIATOR GROUP NAME	Name of the VMAX Initiator group.	gen_text_input

Create VMAX Masking View

Summary

Creates a masking view under a specified VMAX Symmetrix device

Description

This task is used for creating a masking view for the host binding storage group, port group and initiator group under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Masking View Name	Enter a masking view name	gen_text_input	
Select Storage Group Name	Choose a storage group	EMCVMAXStorageGroup Identity	Y
Host LUN ID	Enter a host LUN ID	gen_text_input	
Select Initiator Group Name	Choose an initiator group	EMCVMAXInitiatorGroup Identity	Y
Select Port Group Name	Select Port Group Name	EMCVMAXPortGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX MASKING VIEW IDENTITY	EMC VMAX Masking View Identity.	EMCVMAXMaskingView Identity

Create VMAX Meta Device

Summary

Creates VMAX Meta device(s)

Description

This task is used to create Meta Device with the specified configurations under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Device Type	Choose a device type to be created as the meta head	EMCVMAXMetaDeviceTypeList	Y
Select Thin Device	Choose a thin device as head node for the members	EMCVMAXThinDeviceIdentity	
Select Regular Device	Choose a regular device as head node for the members	EMCVMAXRegularDeviceIdentity	
Select BCV Thin Device	Choose a BCV thin device as head node for the members	EMCVMAXBCVDeviceIdentity	
Select BCV Regular Device	Choose a BCV regular device as head node for the members	EMCVMAXBCVRegularDeviceIdentity	
Meta Type	Choose a meta type	EMCVMAXMetaTypes	Y
Select Member Device(s)	Choose one or more devices	EMCVMAXNonMetaUnBoundDevicesList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX SYMM DEVICE_NAMES	EMC VMAX Symmetrix Device Names	gen_text_input
OUTPUT EMC VMAX META HEAD_DEVICE_IDENTITY	EMC VMAX Meta Head Device Identity.	EMCVMAXMetaHeadDeviceIdentity
OUTPUT EMC VMAX BCV META_HEAD_DEVICE_IDENTITY	EMC VMAX BCV Meta Head Device Identity.	EMCVMAXMetaHeadDevicesList

Create VMAX Port Group

Summary

Creates a port group under a specified VMAX Symmetrix device

Description

This task is used for creating a Port Group for a selected VMAX Symmetrix device with one or more selected Director Ports.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Port Group Name	Enter a port group name	gen_text_input	
Select Director Ports	Choose one or more director ports	EMCVMAXAllDirPortList	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX PORT GROUP IDENTITY	EMC VMAX Port Group Identity.	EMCVMAXPortGroup Identity
OUTPUT EMC VMAX PORT GROUP NAME	Name of the VMAX Port group.	gen_text_input

Create VMAX Regular Device

Summary

Creates VMAX Regular Device(s)

Description

This task is used to create Regular Device(s) with the specified configurations under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Select VMAX device System	EMCVMAXDeviceIdentity	Y
Device Count	Enter the number of devices to create	gen_text_input	Y
Disk Group	Choose a disk group on which to create a data device	EMCVMAXStorageTierDiskGroupNameList	Y
Emulation	Choose an emulation type	EMCVMAXDataDeviceEmulationTypeList	Y
Configuration	Select a configuration type	EMCVMAXRegularDeviceConfigurationTypeList	Y
Capacity Type	Choose the capacity type (MB, GB, Cylinders) of the device to be created	EMCVMAXDeviceCapacityTypeList	Y
Capacity	Enter the size of the device	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX REGULAR DEVICE_IDENTITY	EMC VMAX Regular Device Identity	EMCVMAXRegularDeviceIdentity
OUTPUT EMC VMAX DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity

Create VMAX Storage Group

Summary

Creates a storage group under a specified VMAX Symmetrix device

Description

This task is used to creating a Storage Group (Cascaded or Empty) for a selected VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Storage Group Type	Choose a storage group type	EMCVMAXStorageGroup Type	
Storage Group Name	Enter a storage group name	gen_text_input	
Select Parent Storage Group	Choose a parent storage group	EMCVMAXStorageGroup Identity	
Select Child Storage Group	Choose a child storage group	EMCVMAXStorageGroup Identity	
Storage Resource Pool	Choose a FAST SRP to associate with the storage group	EMCVMAXFASTStorage ResourcePoolIdentity	
Service Level Objective	Choose a Service Level Objective (SLO) to associate with the storage group	EMCVMAXFASTSLOWWork LoadIdentity	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX STORAGE GROUP NAME	Name of the VMAX Storage group.	gen_text_input

Create VMAX Storage Tier

Summary

Creates VMAX Storage Tier.

Description

This task is used for creating a VMAX Storage Tier with the specific configurations under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Storage Tier Name	Enter a storage tier name	gen_text_input	
Storage Tier Type	Choose the storage tier type	EMCVMAXStorageTierTypeLovList	Y
Include Type	Choose the include type	EMCVMAXStorageTierIncludeTypeLovList	Y
Configuration Type	Choose the configuration type	EMCVMAXStorageTierRaidTypesList	Y
Select Technology	Choose the technology type	EMCVMAXStorageTierTechnologyList	Y
Bind To Thin Pool	Choose a thin pool to bind with the tier	EMCVMAXThinPoolNames	
Select Disk Group	Choose a disk group	EMCVMAXStorageTierDiskGroupNameList	
Externally Provisioned	Check to externally provision the storage tier	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE TIER IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTierIdentity
OUTPUT EMC VMAX STORAGE TIER NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTierName

Create VMAX Thin Device

Summary

Creates VMAX Thin device(s)

Description

This task is used to create Thin Device(s) with the specified configurations under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Device Count	Enter the number of devices to create	gen_text_input	Y
Emulation	Choose an emulation type	EMCVMAXThinDeviceEmulationTypeList	Y
Capacity Type	Choose the type of device capacity (MB, GB, Cylinders)	EMCVMAXDeviceCapacityTypeList	Y
Capacity	Enter the size of each device	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX TDEV DEVICE_NAMES	EMC VMAX Thin Device Names	gen_text_input
OUTPUT EMC VMAX DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX THIN_DEVICE_IDENTITY	EMC VMAX Thin Device Identity.	EMCVMAXThinDeviceIdentity

Create VMAX Thin Pool

Summary

Creates a VMAX Thin Pool

Description

This task is used to create a Thin Pool with a specific name under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
Thin Pool Name	Enter a thin pool name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX THIN POOL IDENTITY	EMC VMAX Thin Pool Identity.	EMCVMAXThinPool Identity
OUTPUT EMC VMAX THIN POOL NAME	Name of the VMAX Thin pool.	gen_text_input

Delete VMAX BCV Device

Summary

Deletes VMAX BCV Device.

Description

This task is used to delete a BCV Device under a VMAX Symmetrix device. This device will no more be available in the VMAX Symmetrix system.

Inputs

Input	Description	Mappable To Type	Mandatory
VMAX BCV Device	Choose a VMAX BCV device to be deleted	EMCVMAXBCVDevice Identity	Y

Outputs

No Outputs

Delete VMAX Data Device

Summary

Deletes a VMAX Data Device.

Description

This task is used to delete a Data Device under a VMAX Symmetrix device. This device will no more be available in the VMAX Symmetrix system.

Inputs

Input	Description	Mappable To Type	Mandatory
VMAX Data Device	Choose a VMAX data device to be deleted	EMCVMAXDataDevice Identity	Y
Do you want to delete selected data device?			Y

Outputs

No Outputs

Delete VMAX Fast Policy

Summary

Delete VMAX Fast Policy.

Description

This task is used for deleting a specified VMAX Fast Policy under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Fast Policy	Select VMAX Fast Policy to be deleted.	EMCVMAXFastPolicy Identity	Y
Do you want to delete selected Fast Policy?			Y
Force	Check if FAST policy has any associated storage tiers		

Outputs

No Outputs

Delete VMAX Initiator Group

Summary

Deletes a specified initiator group under a VMAX Symmetrix device

Description

This task is used for deleting a specified Initiator Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiatorGroupIdentity	Y
Do you want to delete selected initiator group name?			Y
Force	Check to force deletion if the initiator group has any initiators associated		

Outputs

No Outputs

Delete VMAX Masking View

Summary

Deletes a specified masking view under VMAX Symmetrix device

Description

This task is used for deleting a specified Masking View under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Masking View	Select VMAX Masking View name	EMCVMAXMaskingView Identity	Y
Do you want to delete selected masking view?			Y

Outputs

No Outputs

Delete VMAX Port Group

Summary

Deletes a specified port group under VMAX Symmetrix device

Description

This task is used for deleting a specified Port Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Port Group	Choose a VMAX port group	EMCVMAXPortGroup Identity	Y
Do you want to delete selected port group name?			Y
Force	Check to force deletion if the port group has any ports associated		

Outputs

No Outputs

Delete VMAX Regular Device

Summary

Delete VMAX Regular Device(s)

Description

This task is used to delete Regular Device(s) under a VMAX Symmetrix device. This device will no more be available in the VMAX Symmetrix system.

Inputs

Input	Description	Mappable To Type	Mandatory
VMAX Regular Device	Choose a VMAX regular device to be deleted	EMCVMAXRegularDevice Identity	Y

Outputs

No Outputs

Delete VMAX Storage Group

Summary

Deletes a specified storage group under a VMAX Symmetrix device

Description

This task is used for deleting a specified Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group	EMCVMAXStorageGroupIdentity	Y
Do you want to delete selected storage group?			Y
Force	Check to force deletion if the storage group is not empty		

Outputs

No Outputs

Delete VMAX Storage Tier

Summary

Deletes VMAX Storage Tier.

Description

This task is used for deleting a specified VMAX Storage Tier under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTierIdentity	Y
Do you want to delete selected storage tier?			Y
Force	Check if the storage tier has any pools or disk groups		

Outputs

No Outputs

Delete VMAX Thin Device

Summary

Deletes a VMAX Thin device.

Description

This task is used to delete a Thin Device under a VMAX Symmetrix device. This device will no more be available in the VMAX Symmetrix system.

Inputs

Input	Description	Mappable To Type	Mandatory
VMAX Thin Device	Select VMAX Symmetrix Device	EMCVMAXThinDevice Identity	Y
Do you want to delete selected device?			Y

Outputs

No Outputs

Delete VMAX Thin Pool

Summary

Deletes a Thin Pool from the VMAX Symmetrix system.

Description

This task is used to delete a specific Thin Pool from the VMAX Symmetrix system.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Thin Pool	Choose a VMAX thin pool to be deleted	EMCVMAXThinPool Identity	Y
Do you want to delete selected thin pool?			Y

Outputs

No Outputs

Disassociate FAST Policy from VMAX Storage Group

Summary

FAST Policy dissociation from VMAX Storage Group.

Description

This task is used for dissociation of FAST Policy from VMAX Storage Group under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group from which to disassociate the FAST policy	EMCVMAXStorageGroupIdentity	Y
Do you want to diassociate fast policy from selected storage group?			Y

Outputs

Output	Description	Type
OUTPUT_EMC_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMC_VMAX_STORAGE_GROUP_IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroupIdentity
OUTPUT_EMC_VMAX_STORAGE_GROUP_NAME	Name of the VMAX Storage group.	gen_text_input

Dissolve VMAX Meta Device

Summary

Dissolves VMAX Meta Device.

Description

This task is used for completely dissolving a specified VMAX Meta Device under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
VMAX Meta Device	Choose a VMAX meta device to dissolve	EMCVMAXMetaHead DeviceIdentity	Y
Do you want to dissolve selected device?			Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX THIN DEVICE_IDENTITY	EMC VMAX Thin Device Identity.	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY	EMC VMAX Regular Device Identity	EMCVMAXRegular DeviceIdentity
OUTPUT EMC VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDevice Identity
OUTPUT EMC VMAX_TDEV_DEVICE_NAMES	EMC VMAX Thin Device Names	gen_text_input
OUTPUT EMC VMAX_REGULAR_DEVICE_NAMES	EMC VMAX Regular Device Names	gen_text_input
OUTPUT EMC VMAX_BCV_DEVICE_IDENTITY	EMC VMAX BCV Device Identity.	EMCVMAXBCVDevice Identity
OUTPUT EMC VMAX_BCV_DEVICE_NAMES	EMC VMAX BCV Device Names	gen_text_input

Expand VMAX Thin Pool

Summary

Expands a VMAX Thin Pool by adding new data device(s).

Description

This task is used to expand a Thin Pool by adding one or more Data Device(s) which are unbounded to any Thin Pools under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Thin Pool	Choose a VMAX thin pool	EMCVMAXThinPoolIdentity	Y
Select Data Devices	Choose one or more devices that are not bound to any thin pool	EMCVMAXUnBoundedDataDevDevicesList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX THIN POOL IDENTITY	EMC VMAX Thin Pool Identity.	EMCVMAXThinPoolIdentity
OUTPUT EMC VMAX THIN POOL NAME	Name of the VMAX Thin pool.	gen_text_input
OUTPUT EMC VMAX DATA DEVICE IDENTITY	EMC VMAX Data Device Identity.	EMCVMAXDataDeviceIdentity

Modify Tiers in VMAX Fast Policy

Summary

Modify Tiers in VMAX Fast Policy.

Description

This task is used for modifying maximum Storage Group Capacity for a selected Storage Tier in specified VMAX Fast Policy under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Fast Policy	Choose a VMAX FAST policy to modify tiers of	EMCVMAXFastPolicy Identity	Y
Select Storage Tier	Choose a storage tier to modify in the FAST policy	EMCVMAXFastPolicy BoundedStorageTierName	Y
Max Storage Group Capacity of Tier (%)	Enter an upper limit to the space allowed for a tier in a policy as a percentage of total storage group capacity. Allowed values are 1 to 100.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX FAST POLICY_STORAGE_TIER_NAME	EMC VMAX Fast Policy Associated Storage Tier Name.	EMCVMAXStorageTier Name
OUTPUT EMC VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX_FAST_POLICY_IDENTITY	EMC VMAX Fast Policy Identity.	EMCVMAXFastPolicy Identity
OUTPUT EMC VMAX_FAST_POLICY_NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicy Name

Modify VMAX FAST Controller Settings

Summary

Set FAST Control Parameters on EMC VMAX Symmetric Array

Description

This task is used to modify the FAST parameters settings on VMAX Array. This is applicable only for VMAX2 Symmetric Arrays. If you do not wish to change the parameter, ignore the input or leave it to default value. You should have FAST license enabled to perform this operation. Following parameters can be modified using this task.

- Data Movement Approval Mode - Possible values are AUTO_APPROVE or USER_APPROVE
- Max Simultaneous Device Moves - It is an integer between 2 and 32
- Max Device Moves Per Day - The value can be an integer between 2 and 200
- Min Initial Workload Period(hrs) - The value can be an integer between 2 and current value of the workload analysis period(hrs)
- Workload Analysis Period(hrs) - The value can be an integer between 2 and 672 and not less than the value of Min Initial Workload Period(hrs)
- Swap Not Visible Devices - Possible values are ENABLE or DISABLE
- Allow Only Swap - Possible values are ENABLE or DISABLE
- FAST VP Data Movement Mode - Possible values are AUTO or NONE
- FAST VP Data Relocation Rate - The value can be an integer between 1 and 10
- Thin Pool Reserved Capacity(%) - The value can be an integer between 1 and 80
- VP Allocation By FAST policy - Possible values are ENABLE or DISABLE
- FAST VP Time to Compress(Days) - The value can be Never or between 40 and 40
- FAST VP Compression Rate - Integer between 1 and 10

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDevice Identity	Y
Data Movement Approval Mode	Choose a mode	EMCVMAXData MovementLovList	
Max Simultaneous Device Moves	Enter a number of device moves. Allowed values are 2 to 32.	gen_text_input	
Max Device Moves Per Day	Enter a number of device moves. Allowed values are 2 to 200.	gen_text_input	
Min Initial Workload Period(hrs)	Enter the workload period. Allowed values are 2 to the current value of the workload period parameters.	gen_text_input	
Workload Analysis Period(hrs)	Specify the analysis period. Allowed values are 2 to 672.	gen_text_input	
Swap Not Visible Devices	Choose whether to enable swap for not-visible devices	EMCVMAXSwap DevicesLovList	

Input	Description	Mappable To Type	Mandatory
Allow Only Swap	Choose whether to enable swap only	EMCVMAXSwapLovList	
FAST VP Data Movement Mode	Choose a data movement mode	EMCVMAXFASTVpDataMovementLovList	
FAST VP Data Relocation Rate	Enter a rate. Allowed values are 1 to 10.	gen_text_input	
Thin Pool Reserved Capacity(%)	Specify value for the property. Possible values are 1 to 80.	gen_text_input	
VP Allocation By FAST policy	Select value for this property	EMCVMAXFASTVpTimeLovList	
FAST VP Time to Compress(Days)	Specify value for the property. Valid values are between 40 days to 400 days or never.	gen_text_input	
FAST VP Compression Rate	Specify value for the property. Valid range is between 1 and 10.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity

Modify VMAX FAST Settings

Summary

Modify VMAX FAST Settings.

Description

This task is used to modify the FAST Settings on VMAX Storage Group. This is applicable only for VMAX3 Symmetric Arrays.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group to modify FAST settings	EMCVMAXStorageGroup Identity	Y
Storage Resource Pool	Choose a FAST SRP to associate to storage group	EMCVMAXFASTStorage ResourcePoolIdentity	
Service Level Objective	Choose a Service Level Objective (SLO) to associate with the storage group	EMCVMAXFASTSLOWork LoadIdentity	

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE_GROUP_IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX FAST SRP_IDENTITY	EMC VMAX FAST SRP Identity.	EMCVMAXFASTStorage ResourcePoolIdentity
OUTPUT EMC VMAX FAST SLO_WORKLOAD_TYPE_IDENTITY	EMC VMAX FAST SLO Workload Type Identity.	EMCVMAXFASTSLOWork LoadIdentity

Modify VMAX FAST State

Summary

Enable/Disable FAST Controller

Description

This task is used to change FAST Controller status. This is applicable only for VMAX2 Symmetric Arrays. You should have FAST license enabled to perform this operation

- Virtual Provisioned - Impact on FAST policies containing virtual provisioned tiers
- Disk Provisioned - Impact on FAST policies containing disk-group provisioned tiers

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX System	Choose a VMAX device system	EMCVMAXDeviceIdentity	Y
FAST Type	Choose a FAST type to change the state of	EMCVMAXFASTTypeLov List	Y
Enable	Check if the FAST state is to be enabled	Boolean	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity

Modify VMAX FAST Storage Group Priority

Summary

Modify VMAX FAST Storage Group Priority.

Description

This task is used for modifying VMAX FAST Storage Group priority for a selected VMAX Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group to associate the FAST policy to	EMCVMAXStorageGroupIdentity	Y
Storage Group Priority	Enter the priority of the storage group. Allowed values are 1 to 3.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMC_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMC_VMAX_STORAGE_GROUP_IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroupIdentity
OUTPUT_EMC_VMAX_STORAGE_GROUP_NAME	Name of the VMAX Storage group.	gen_text_input
OUTPUT_EMC_VMAX_FAST_POLICY_NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicyName

Modify VMAX Storage Tier

Summary

Modifies VMAX Storage Tier.

Description

This task is used for modifying specified VMAX Storage Tier type under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTierIdentity	Y
Select Technology	Choose a technology	EMCVMAXStorageTierTechnologyList	

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_STORAGE_TIER_IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTierIdentity
OUTPUT_EMV_VMAX_STORAGE_TIER_NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTierName
OUTPUT_EMV_VMAX_STORAGE_TIER_TECHNOLOGY	EMC VMAX Storage Tier Technology.	EMCVMAXStorageTierTechnology

Override Flags on VMAX Initiator Group

Summary

Overrides flags on the VMAX Initiator Group.

Description

This task is used to enable/disable one or more flags on the selected Initiator Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiator GroupIdentity	Y
Volume Set Addressing	Check to enable the Volume_Set_Addresssing (V) override flag	gen_text_input	
Common Serial Number	Check to enable the Common_Serial_Number (C) override flag	gen_text_input	
Disable Q Rest on UA	Check to enable the Disable_Q_Reset_on_UA (D) override flag	gen_text_input	
SPC2 Protocol Version	Check to enable the SPC2_Protocol_Version (SPC2) override flag	gen_text_input	
Environment Set	Check to enable the Environ_Set (E) override flag	gen_text_input	
AS400	Check to enable the AS400 (AS4) override flag	gen_text_input	
Avoid Reset Broadcast	Check to enable the Avoid_Reset_Broadcast (ARB) override flag	gen_text_input	
Open VMS	Check to enable the OpenVMS (OVMS) override flag	gen_text_input	
SCSI Support1	Check to enable the SCSI_Support1 (OS2007) override flag	gen_text_input	
SCSI3	Check to enable the SCSI_3 (SC3) override flag	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VMAX INITIATOR GROUP_IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiator GroupIdentity
OUTPUT EMC VMAX INITIATOR GROUP_NAME	Name of the VMAX Initiator group.	gen_text_input

Reassociate Fast Policy From Storage Group

Summary

Reassociates Fast Policy From Storage Group.

Description

This task is used for associating a Fast Policy by replacing the old one from a selected Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group to associate the FAST policy to	EMCVMAXStorageGroup Identity	Y
Select FAST Policy.	Choose a FAST policy to re-associate from the storage group	EMCVMAXFastPolicy Identity	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX STORAGE GROUP NAME	Name of the VMAX Storage group.	gen_text_input
OUTPUT EMC VMAX FAST POLICY NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicy Name

Remove Devices from VMAX Storage Group

Summary

Removes Thin/Regular devices from the VMAX Storage Group.

Description

This task is used for removing one or more selected thin/regular devices from the specified Storage Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group from which to remove devices	EMCVMAXStorageGroup Identity	Y
Select devices	Choose one or more devices to be removed from the storage group	EMCVMAXBoundedStorage GroupDevices	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX STORAGE GROUP NAME	Name of the VMAX Storage group.	gen_text_input
OUTPUT EMC VMAX TDEV DEVICE NAMES	EMC VMAX Thin Device Names	gen_text_input
OUTPUT EMC VMAX THIN DEVICE IDENTITY	EMC VMAX Thin Device Identity.	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX REGULAR DEVICE IDENTITY	EMC VMAX Regular Device Identity	EMCVMAXRegularDevice Identity

Remove Disk Group from VMAX Storage Tier

Summary

Removes Disk Group from VMAX Storage Tier.

Description

This task is used for removing specified Disk Group from a given VMAX Storage Tier under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTierIdentity	Y
Select Disk Group	Choose a disk group to be removed from the storage tier	EMCVMAXStorageTierBoundedDiskGroupNameList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE TIER IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTierIdentity
OUTPUT EMC VMAX STORAGE TIER NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTierName
OUTPUT EMC VMAX STORAGE TIER DISK GROUP	EMC VMAX Storage Tier Disk Group.	EMCVMAXStorageTierDiskGroup

Remove Initiator from VMAX Initiator Group

Summary

Removes an Initiator from an existing VMAX Initiator Group.

Description

This task is used for removing an Initiator(ISCSI or FCP) from an existing Initiator Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiatorGroupIdentity	Y
Initiator Type	Choose an initiator type	EMCVMAXInitiatorType	
Initiators	Choose an initiator to be removed	EMCVMAXInitiatorsList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX INITIATOR GROUP_IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiatorGroupIdentity
OUTPUT EMC VMAX INITIATOR GROUP_NAME	Name of the VMAX Initiator group.	gen_text_input

Remove Member Devices from VMAX Meta Head

Summary

Removes Member Devices from VMAX meta head.

Description

This task is used for removing one or more specified Member Device(s) from the selected Meta Head Device under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Meta Device	Choose a meta device to be the head node for the members	EMCVMAXMetaHeadDeviceIdentity	Y
Select Member Device(s)	Choose one or more member devices to be removed from the meta	EMCVMAXMetaMemberDevicesList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX SYMM DEVICE_NAMES	EMC VMAX Symmetrix Device Names	gen_text_input
OUTPUT EMC VMAX REGULAR_DEVICE_IDENTITY	EMC VMAX Regular Device Identity	EMCVMAXRegularDeviceIdentity
OUTPUT EMC VMAX META_HEAD_DEVICE_IDENTITY	EMC VMAX Meta Head Device Identity.	EMCVMAXMetaHeadDeviceIdentity
OUTPUT EMC VMAX REGULAR_DEVICE_NAMES	EMC VMAX Regular Device Names	gen_text_input
OUTPUT EMC VMAX BCV_DEVICE_IDENTITY	EMC VMAX BCV Device Identity.	EMCVMAXBCVDeviceIdentity
OUTPUT EMC VMAX BCV_DEVICE_NAMES	EMC VMAX BCV Device Names	gen_text_input

Remove Port from VMAX Port Group

Summary

Removes a Director Port from the existing VMAX Port Group

Description

This task is used to remove one or more specified Director Port(s) from the existing Port Group under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Port Group	Choose a VMAX port group	EMCVMAXPortGroupIdentity	Y
Director Port	Choose one or more director ports	EMCVMAXPortGroupBoundedDirPortList	Y

Outputs

No Outputs

Remove Thin Pool from VMAX Storage Tier

Summary

Removes Thin Pool from VMAX Storage Tier.

Description

This task is used for removing one or more specified Thin Pool(s) from a given VMAX Storage Tier under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTierIdentity	Y
Select Thin Pool	Choose one or more thin pools to be removed from the storage tier	EMCVMAXStorageTierBoundedThinPoolNames	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE TIER IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTierIdentity
OUTPUT EMC VMAX STORAGE TIER NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTierName
OUTPUT EMC VMAX STORAGE TIER THIN POOL NAMES	EMC VMAX Storage Tier Thin Pool Names.	EMCVMAXStorageTierThinPoolNames

Remove Tiers from VMAX Fast Policy

Summary

Removes Tiers from VMAX Fast Policy.

Description

This task is used for removing specified Storage Tiers from a given VMAX Fast Policy under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Fast Policy	Choose a VMAX FAST policy to remove a tier from	EMCVMAXFastPolicyIdentity	Y
Select Storage Tier	Choose a storage tier to remove from the FAST policy	EMCVMAXFastPolicy BoundedStorageTierName	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_FAST_POLICY_STORAGE_TIER_NAME	EMC VMAX Fast Policy Associated Storage Tier Name.	EMCVMAXStorageTier Name
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_FAST_POLICY_IDENTITY	EMC VMAX Fast Policy Identity.	EMCVMAXFastPolicy Identity
OUTPUT_EMV_VMAX_FAST_POLICY_NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicy Name

Remove VMAX Child Initiator Group from Parent Initiator Group

Summary

Remove Child Initiator group from the cascaded Initiator Group under a specified VMAX Symmetrix device

Description

This task removes Child Initiator Group from the cascaded Initiator Group on which it is associated.

Inputs

Input	Description	Mappable To Type	Mandatory
Parent Initiator Group	Choose a parent initiator group	EMCVMAXParentInitiatorGroup Identity	Y
Child Initiator Group	Choose a child initiator group	EMCVMAXChildInitiatorGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX PARENT INITIATOR_GROUP_IDENTITY	EMC VMAX Parent Initiator Group Identity.	EMCVMAXInitiatorGroup Identity
OUTPUT EMC VMAX CHILD INITIATOR_GROUP_IDENTITY	EMC VMAX Child Initiator Group Identity.	EMCVMAXInitiatorGroup Identity

Remove VMAX Child Storage Group from Parent Storage Group

Summary

Remove child storage group from the cascaded Storage Group under a specified VMAX Symmetrix device

Description

This task removes Child Storage Group from the cascaded Storage Group on which it is associated.

Inputs

Input	Description	Mappable To Type	Mandatory
Parent Storage Group	Choose a parent storage group	EMCVMAXParentStorageGroup Identity	Y
Child Storage Group	Choose a child storage group	EMCVMAXChildStorageGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_PARENT_STORAGE_GROUP_IDENTITY	EMC VMAX Parent Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT_EMV_VMAX_CHILD_STORAGE_GROUP_IDENTITY	EMC VMAX Child Storage Group Identity.	EMCVMAXStorageGroup Identity

Rename VMAX FAST SLO Name

Summary

Rename VMAX FAST SLO Name.

Description

This task is used to modify the FAST SLO Name. This is applicable only for VMAX3 Symmetric Arrays.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Service Level Objective	Choose a FAST SLO to rename	EMCVMAXFASTServiceLevelObjectiveIdentity	Y
New SLO Name	Enter a new name for the Service Level Objective (SLO)	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMC_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMC_VMAX_FAST_SLO_IDENTITY	EMC VMAX FAST SLO Identity.	EMCVMAXFASTServiceLevelObjectiveIdentity

Rename VMAX Fast Policy

Summary

Rename an existing Fast Policy with a new name.

Description

This task is used for renaming an existing VMAX Fast Policy with a new name under a specified VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Fast Policy	Choose a VMAX FAST policy to be renamed	EMCVMAXFastPolicy Identity	Y
Enter New Fast Policy Name	Enter a new name for the FAST policy	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_FAST_POLICY_IDENTITY	EMC VMAX Fast Policy Identity.	EMCVMAXFastPolicy Identity
OUTPUT_EMV_VMAX_FAST_POLICY_NAME	EMC VMAX Fast Policy Name.	EMCVMAXFastPolicyName

Rename VMAX Initiator Group

Summary

Rename an existing VMAX Initiator Group with a new name

Description

This task is used to rename an existing Initiator Group with a new name under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiatorGroup Identity	Y
Enter new Name	Enter a new name for the initiator group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX INITIATOR GROUP IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiatorGroup Identity
OUTPUT EMC VMAX INITIATOR GROUP NAME	Name of the VMAX Initiator group.	gen_text_input

Rename VMAX Masking View

Summary

Rename an existing VMAX Masking View with a new name

Description

This task is used to rename an existing Masking View with a new name under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Masking View	Choose a VMAX masking view	EMCVMAXMaskingView Identity	Y
Enter new Name	Enter a new name for the masking view	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VMAX_DEVICE_IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT_EMV_VMAX_MASKING_VIEW_IDENTITY	EMC VMAX Masking View Identity.	EMCVMAXMaskingView Identity

Rename VMAX Port Group

Summary

Rename an existing VMAX Port Group with a new name

Description

This task is used to rename an existing Port Group with a new name under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Port Group	Choose a VMAX port group	EMCVMAXPortGroup Identity	Y
Enter new Name	Enter a new name for the port group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX PORT GROUP IDENTITY	EMC VMAX Port Group Identity.	EMCVMAXPortGroup Identity
OUTPUT EMC VMAX PORT GROUP NAME	Name of the VMAX Port group.	gen_text_input

Rename VMAX Storage Group

Summary

Rename an existing VMAX Storage Group with a new name

Description

This task is used to rename an existing Storage Group with a new name under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Group	Choose a VMAX storage group	EMCVMAXStorageGroup Identity	Y
Enter new Name	Enter a new name for the storage group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE GROUP IDENTITY	EMC VMAX Storage Group Identity.	EMCVMAXStorageGroup Identity
OUTPUT EMC VMAX STORAGE GROUP NAME	Name of the VMAX Storage group.	gen_text_input

Rename VMAX Storage Tier

Summary

Rename an existing VMAX Storage Tier with its new name.

Description

This task is used for renaming an existing VMAX Storage Tier with a new name under VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Storage Tier	Choose a VMAX storage tier	EMCVMAXStorageTier Identity	Y
Enter new Name	Enter a new name for the storage tier	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX STORAGE TIER IDENTITY	EMC VMAX Storage Tier Identity.	EMCVMAXStorageTier Identity
OUTPUT EMC VMAX STORAGE TIER NAME	EMC VMAX Storage Tier Name.	EMCVMAXStorageTier Name

Replace Initiator in VMAX Initiator Group

Summary

Replaces an Initiator from an existing VMAX Initiator Group.

Description

This task is used for removing an old Initiator(ISCSI or FCP) from an existing Initiator Group and replacing it by a new Initiator of the same type.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Initiator Group	Choose a VMAX initiator group	EMCVMAXInitiatorGroupIdentity	Y
Initiator Type	Choose an initiator group type	EMCVMAXInitiatorType	
Select Initiator	Choose an initiator to be replaced	EMCVMAXInitiatorsList	Y
New Initiator Name	Enter the new initiator name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX INITIATOR GROUP_IDENTITY	EMC VMAX Initiator Group Identity.	EMCVMAXInitiatorGroupIdentity
OUTPUT EMC VMAX INITIATOR GROUP_NAME	Name of the VMAX Initiator group.	gen_text_input

Shrink VMAX Thin Pool

Summary

Shrinks a VMAX Thin Pool by removing its data device(s).

Description

This task is used to shrink a Thin Pool by removing one or more of its Data Device(s) under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Thin Pool	Choose a VMAX thin pool to be shrunk	EMCVMAXThinPoolIdentity	Y
Select Data Devices	Choose one or more devices that are bound to the selected pool	EMCVMAXThinPoolBoundedDataDevList	Y

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX THIN POOL IDENTITY	EMC VMAX Thin Pool Identity.	EMCVMAXThinPoolIdentity
OUTPUT EMC VMAX THIN POOL NAME	Name of the VMAX Thin pool.	gen_text_input
OUTPUT EMC VMAX DATA DEVICE IDENTITY	EMC VMAX Data Device Identity.	EMCVMAXDataDeviceIdentity

Unbind Thin Device from VMAX Thin Pool

Summary

Unbinds Thin Device from VMAX Thin Pool.

Description

This task is used to unbind one or more Thin Device(s) from the specified VMAX thin Pool under a VMAX Symmetrix device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMAX Thin Pool	Choose a VMAX thin pool	EMCVMAXThinPool Identity	Y
Select Thin Devices	Choose one or more devices that are bound to the selected pool	EMCVMAXThinPool BoundedThinDevList	Y
Force	Check if thin devices are in a ready state		

Outputs

Output	Description	Type
OUTPUT EMC VMAX DEVICE IDENTITY	EMC VMAX Device Identity.	EMCVMAXDeviceIdentity
OUTPUT EMC VMAX THIN POOL IDENTITY	EMC VMAX Thin Pool Identity.	EMCVMAXThinPool Identity
OUTPUT EMC VMAX THIN POOL NAME	Name of the VMAX Thin pool.	gen_text_input
OUTPUT EMC VMAX THIN DEVICE IDENTITY	EMC VMAX Thin Device Identity.	EMCVMAXThinDevice Identity
OUTPUT EMC VMAX TDEV DEVICE NAMES	EMC VMAX Thin Device Names	gen_text_input



EMC VNX Tasks

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Add Hosts to VNX Storage Group

Summary

Add Hosts to VNX Storage Group.

Description

Add Hosts to specified VNX Storage Group

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Storage Group	Choose a storage group	emcStorageGroupIdentity	Y
Show Hosts	Choose the hosts		Y
Hosts Connected	Choose one or more hosts to add to the storage group	emcHostIdentity	
Hosts Not Connected	Choose one or more hosts to add to the storage group	emcHostIdentity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
OUTPUT_HOST_IDENTITY	Host Identity	emcHostIdentity
OUTPUT_HOST_IDENTITY_LIST	Comma-separated hosts.	emcMultipleHostList

Add VNX CIFS Server

Summary

Add EMC VNX CIFS Server.

Description

Creates a new CIFS server on a Data Mover.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Data Mover	Choose a data mover	emcMoverIdentity	Y
Server Type	Choose a server type	emcVnxCIFSSTypeList	
Computer Name	Enter a computer name for the CIFS server	gen_text_input	
NetBIOS Name	Enter a NetBIOS name	gen_text_input	Y
Aliases	Enter one or more alternative names for the CIFS server. Separate the names with commas.	gen_text_input	
Workgroup	Enter a workgroup	gen_text_input	Y
Domain	Enter the Windows domain to which the server belongs	gen_text_input	Y
Join Domain	Check to join the domain	gen_text_input	
Domain Admin	Enter the domain admin name	gen_text_input	Y
Domain Password	Enter the domain password	gen_text_input	Y
Organizational Unit	Enter one or more organizational units. Separate the organizational units with commas.	gen_text_input	Y
Enable Local Users	Check to enable local users	gen_text_input	
Set Local Admin Password	Enter the local admin password	password	Y
Confirm Local Admin Password	Enter the local admin password to confirm	password	Y
Interfaces	Choose one or more interfaces	emcDataMoverInterfaceIdentity	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	gen_text_input

Output	Description	Type
DATACENTER_NAME	Name of the datacenter on which the selected operation was performed	gen_text_input
CIFS_SERVER_IDENTITY	Name of the Account on which the selected operation was performed	emcCifsServerIdentity

Add VNX CIFS Share

Summary

Add EMC VNX CIFS Share.

Description

Creates a CIFS share and make an existing file system available to CIFS clients.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Data Mover	Choose a data mover	emcMoverIdentity	Y
File Systems	Choose a file system	emcFileSystemIdentity	Y
CIFS Share Name	Enter the share name	gen_text_input	Y
Path	Path	gen_text_input	Y
CIFS Server	Choose one or more CIFS servers	emcCifsServerIdentity	Y
User Limit	Enter the user limit	gen_text_input	
Comment	Enter a comment	gen_text_input	

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	gen_text_input
DATACENTER_NAME	Name of the datacenter on which the selected operation was performed	gen_text_input
OUTPUT_CIFS_SHARE_IDENTITY	CIFS Share Identity.	emcCifsShareIdentity
CIFS_SHARE_NAME	Name of the CIFS Share created	gen_text_input

Add VNX DNS Domain

Summary

Add EMC VNX DNS Domain.

Description

Creates a DNS domains, which can have three DNS servers to a Data Mover.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Name	Enter a new DNS domain name	gen_text_input	Y
Mover	Choose a data mover	emcMoverIdentity	Y
DNS Servers	Enter one to three IP addresses of DNS servers, separated with commas		Y
Protocol	Choose the protocol	emcDnsDomainProtocolTypeSelector	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	gen_text_input
DATACENTER_NAME	Name of the datacenter on which the selected operation was performed	gen_text_input
DNS_DOMAIN_NAME_IDENTITY	Name of the Account on which the selected operation was performed	emcDnsDomainIdentity

Add VNX Host Initiator Entry

Summary

Add Host Initiator Entry.

Description

This task allows to register a new or existing HBA initiator.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Add Initiator to	Choose a new host or an existing host	emcAddInitiatorTypeSelector	Y
Host	Choose the host to which you want to add an initiator	emcHostIdentity	Y
Host Name	Enter the host name	gen_text_input	Y
IP Address	Enter the host IP address	gen_text_input	Y
Existing Host WWN	Enter the host WWN	gen_text_input	Y
New Host WWN	Enter the host WWN	gen_text_input	Y
SP Port	Choose one or more SP ports	emcSPPortIdentity	Y
Initiator Type	Choose an initiator type	emcInitiatorTypeSelector	Y
Failover Mode	Choose a failover mode		Y

Outputs

Output	Description	Type
OUTPUT_SP_A	Storage Port SP A	gen_text_input
OUTPUT_SP_B	Storage Port SP B	gen_text_input
OUTPUT_HOST_IDENTITY	Host Identity	emcHostIdentity
OUTPUT_INITIATOR_IDENTITY	Initiator Identity	emcInitiatorIdentity

Add VNX LUN to Storage Group

Summary

Add LUN to Storage Group.

Description

This task Adds a LUN to a storage group and makes the LUN accessible to the servers connected to the storage group.

Inputs

Input	Description	Mappable To Type	Mandatory
LUNs to Add	Choose a LUN to add to the storage groups	emcLUNIdentity	Y
Storage Group	Choose one or more storage groups	emcStorageGroup Identity	Y
Let system specify Host LUN ID	Check to let the system specify the host LUN ID		
Host LUN ID	Enter the host LUN ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_LUN_IDENTITY	LUN Identity	emcLUNIdentity
OUTPUT_HOST_LUNID	Host LUN ID	gen_text_input
OUTPUT_STORAGE_GROUP_IDENTITY_LIST	Comma separated Names for storage group	gen_text_input
OUTPUT_STORAGE_GROUP1	Storage Group1 that was created as part of Add LUN To Storage Group	gen_text_input
OUTPUT_STORAGE_GROUP2	Storage Group2 that was created as part of Add LUN To Storage Group	gen_text_input
OUTPUT_STORAGE_GROUP3	Storage Group3 that was created as part of Add LUN To Storage Group	gen_text_input
OUTPUT_STORAGE_GROUP4	Storage Group4 that was created as part of Add LUN To Storage Group	gen_text_input

Add VNX NFS Export

Summary

Add NFS Export.

Description

By adding an NFS Export you can specify export permissions that enable or disable client access to the export.

Inputs

Input	Description	Mappable To Type	Mandatory
Data Mover	Choose a data mover	emcMoverIdentity	Y
File System Path	Choose a file system	gen_text_input	Y
Read only Hosts	Enter one or more read only hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Read/Write Hosts	Enter one or more read/write hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Root Hosts	Enter one or more root hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Access Hosts	Enter one or more access hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Host Access Read-only Export	Check to make access to the exported host read-only		

Outputs

Output	Description	Type
OUTPUT_NFS_EXPORT_PATH	Name of the nfs export.	gen_text_input
OUTPUT_NFS_EXPORT_IDENTITY	NFS Export Identity.	emcNfsExportIdentity
OUTPUT_EMC_ACCOUNT_IDENTITY	EMC Account Identity.	EMC_AccountIdentity

Associate VNX LUN as Datastore

Summary

Associate VNX LUN as Datastore.

Description

This task associates an existing VNX LUN as datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Processor	Choose a storage processor	EMC_StorageProcessor Identity	Y
Data store Name	Enter a new data store name	gen_text_input	
Select Host Node	Choose one or more host nodes with which to create the data store	gen_text_input	Y
Initiator Type	Choose the initiator type	gen_text_input	
LUN Name	Choose a LUN name to associate with the data store	emcLUNIdentity	Y
VDC Name	Choose a vDC to assign storage policy to	vDC	
Success Criteria	Choose a success criterion	emcVnxMountDatastore SuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_STORAGE_VMFS_DATASTORE_NAME	Storage VMFS Datastore Name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create VNX Block Storage Pool

Summary

Create Block Storage Pool.

Description

Creates storage pool with specified name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Storage Pool Name	Enter a storage pool name	gen_text_input	Y
Description	Enter a description	gen_text_input	
Raid Type	Choose a RAID type	emcRaidTypeSelector	
Disks	Choose one or more disks	emcFreeDisksMultiSelect	Y
Percent Full Threshold(%)	Enter a percentage for the full threshold		Y

Outputs

Output	Description	Type
OUTPUT_BLOCK_STORAGE_POOL_IDENTITY	Storage Pool For Block Identity	emcBlockStoragePoolIdentity
OUTPUT_EMC_ACCOUNT_IDENTITY	EMC Account Identity.	EMC_AccountIdentity

Create VNX File Storage Pool

Summary

Creates an EMC VNX File storage pool

Description

This task is used to create a file storage pool on a VNX File and Unified device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose the EMC account		Y
Name	Enter the storage pool name	gen_text_input	
Create from	Choose from where to create the storage pool	EMCVNXFileStoragePoolSourceType	Y
Description	Enter the storage pool description	gen_text_input	
Template Pool	Choose the template pool for the storage pool	emcStoragePoolIdentity	Y
Minimum Pool Size(MB)	Enter the minimum pool size	gen_text_input	Y
Stripe Size (KB)	Enter the stripe size	gen_text_input	Y
Volume	Choose the volume for creating the storage pool	emcVolumeIdentity	Y
Slice Pool Volumes By Default	Check to slice the storage pool volumes by default	Boolean	

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	gen_text_input
DATACENTER_NAME	Name of the datacenter on which the selected operation was performed	gen_text_input
STORAGE_POOL_NAME	Name of the storage pool created	gen_text_input
Type	Type of the storage resource	gen_text_input
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity.	emcStoragePoolIdentity

Create VNX File System

Summary

Create EMC VNX File System.

Description

This task Creates VNX File System on a datamover.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Name	Enter a unique name for the new file system	gen_text_input	
Create from	Choose to create the file system from a storage pool or a metavolume. The selections on this page change based on your choice.	emcVnxFileSystemSourceTypeIdList	Y
Storage Pool	Select the storage pool from which you want to allocate storage to the file system.	emcStoragePoolIdentity	Y
Storage Capacity	Enter the amount of storage to allocate to the file system.	gen_text_input	Y
Capacity Units	Enter the file system capacity units	EMCSizeUnit	Y
Volume	Select the underlying metavolume for the file system.	emcVolumeIdentity	Y
Contain Slices	If the Slice Pool Volumes by Default option is selected on the Create Storage Pool page, this option is selected by default. In this case, volumes in the storage pool are sliced when pool space is allocated to a new file system.	gen_text_input	
Data Mover	Choose a data mover	emcMoverIdentity	Y

Outputs

Output	Description	Type
FILE_SYSTEM_NAME	Name of the file system created	gen_text_input
OUTPUT_FILE_SYSTEM_MOUNT_PATH	File System Mount path.	gen_text_input
OUTPUT_FILE_SYSTEM_IDENTITY	File System Identity.	emcFileSystemIdentity
OUTPUT_MOVER_IDENTITY	Mover Identity.	emcMoverIdentity
OUTPUT_EMCC_ACCOUNT_IDENTITY	EMC Account Identity.	EMC_AccountIdentity

Create VNX LUN

Summary

Create LUN.

Description

This task allows user to create VNX LUN of StoragePool type or RAID Group type.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Select name of the EMC Account in this system	EMC_AccountIdentity	Y
Storage Pool Type	Choose a storage pool type	emcStoragePoolType Selector	Y
Automatically assign LUN IDs as LUN Names	Check to automatically assign LUN IDs as LUN names	Boolean	
LUN Name	Enter a new LUN name	gen_text_input	
LUN ID	Enter a LUN ID	gen_text_input	
Raid Type	Choose a RAID type	emcRaidTypeSelector	Y
Raid Group Name for New LUN	Choose a RAID group	emcRAIDGroupIdentity	Y
Storage Pool for New LUN	Choose a storage pool	emcBlockStoragePool Identity	Y
Thin	Check to create a thin LUN	Boolean	
Ignore Thresholds	Check to ignore storage pool threshold limits	Boolean	
MAX	Check to create the MAX LUN size	Boolean	
User Capacity	Enter the LUN capacity	gen_text_input	Y
Capacity Units	Choose the LUN capacity units	EMCSizeUnit	Y
Enable Auto Assign	Check to enable auto-assign	Boolean	
Alignment Offset(LBA)	Enter the alignment offset	gen_text_input	
SP Read Cache	Check to enable the SP read cache	Boolean	
SP Write Cache	Check to enable the SP write cache	Boolean	
No Initial Verify	Check to avoid initial verify	Boolean	
Rebuild Priority	Choose a rebuild priority	emcVNXPrioritySelector	Y
Verify Priority	Choose a verify priority	emcVNXPrioritySelector	Y
Default Owner	Choose the default owner	emcVNXStorageProcessor Selector	Y

Input	Description	Mappable To Type	Mandatory
Initial Tier Placement	Choose an initial tier placement	emcVNXInitialTierPlacementSelector	Y

Outputs

Output	Description	Type
OUTPUT_LUN_IDENTITY	LUN Identity	emcLUNIdentity
OUTPUT_EMCC_ACCOUNT_IDENTITY	EMC Account Identity.	EMC_AccountIdentity

Create VNX MetaLUN

Summary

Create Meta LUN.

Description

This task allows to dynamically expand the capacity of a single LUN by adding LUNs to base LUN for RAID Group type LUNs or increase the capacity of Storage Pool type LUN.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN to Expand	Choose a LUN to expand	emcLUNIdentity	Y
Expansion Type	Choose an expansion type		
Flare LUNs	Choose a traditional LUN to add to the base LUN	emcLUNIdentity	Y
Meta LUN Name	Enter a new LUN name	gen_text_input	
MAX	Check to create a meta-LUN with a maximum LUN size		
User Capacity	Enter the LUN capacity		Y
Capacity Units	Choose the LUN capacity units		
Default Owner	Choose the default owner	gen_text_input	Y
Element size Multiplier	Enter an element size multiplier		
Alignment Offset	Enter an alignment offset		
Enable Auto Assign	Check to enable auto-assign		
Expansion Rate	Choose an expansion rate	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_METALUN_IDENTITY	METALUN Identity	emcMetaLUNIdentity

Create VNX Network Interface

Summary

Create Network Interface.

Description

Creates Network Interface.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter a name for the interface	gen_text_input	Y
Data Mover	Choose a data mover	emcMoverIdentity	Y
Device Name	Choose a device	emcDataMoverInterfaceIdentity	Y
IP Address	Enter an IP address	gen_text_input	Y
Subnet Mask	Enter a subnet mask	gen_text_input	Y
MTU	Enter a MTU	gen_text_input	Y
VLAN ID	Enter a VLAN ID	gen_text_input	

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	gen_text_input
DATACENTER_NAME	Name of the datacenter on which the selected operation was performed	gen_text_input
DATA_MOVER_INTERFACE_IP_ADDRESS	IP Address of the Data Mover Interface created	gen_text_input
OUTPUT_DATA_MOVER_INTERFACE_IDENTITY	Data Mover Interface Identity.	emcDataMoverInterfaceIdentity

Create VNX RAID Group

Summary

Create RAID Group.

Description

This task allows to create a new RAID Group with specific name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_Account Identity	Y
Let System Specify RAID Group ID	Check to let the system automatically assign a RAID group ID		
RAID Group ID	Enter a RAID group ID	gen_text_input	Y
Raid Type	Choose the RAID type	emcRaidType Selector	Y
Automatically Destroy after last LUN is unbound	Check to automatically destroy the group after last LUN is unbound		
Expansion/Defragmentation Priority	Choose the priority for expansion and defragmentation		
Allow Power Saving	Check to allow power saving		
Disks	Choose the disks	emcFreeDisksMulti Select	Y

Outputs

Output	Description	Type
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity

Create VNX Storage Group

Summary

Create Storage Group.

Description

This task allows to create a new Storage Group with specific name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Storage Group Name	Enter a name for the storage group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity

Create VNX Volume

Summary

Create EMC VNX Volume.

Description

Creates Volume of Stripe type,meta type or slice type.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_Account Identity	Y
Name	Unique name for the new volume.	gen_text_input	
Type	Select the type of volume you want to create. The page reappears with different content depending on the volume type you select.	gen_text_input	Y
Volumes	Select one or more volumes to create a stripe volume or metavolume. Striping volumes of different sizes uses the minimum size for striping and creates unused space in volumes larger than the minimum size.	emcVolumeIdentity	Y
Size (MB)	For a slice volume, type the size of the slice volume in megabytes.	gen_text_input	Y
Stripe Size (KB)	For a stripe volume, select the stripe depth in multiples of 8 kilobytes. Recommended size is 256 KB (default) for file systems run in a CIFS or NFS environment with a storage system.	gen_text_input	Y
Volumes For Slice	Select a volume from which to create a slice volume. Available only for slice volumes.	emcVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VOLUME_IDENTITY	Volume Identity.	emcVolumeIdentity
OUTPUT_EMC_ACCOUNT_IDENTITY	EMC Account Identity.	EMC_AccountIdentity

Delete VNX Block Storage Pool

Summary

Delete Block Storage Pool.

Description

This task deletes the specified storage pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an EMC VNX storage pool to delete	emcBlockStoragePool Identity	Y
Are you sure you want to delete the selected storage pool?	Storage pool delete warning message		Y

Outputs

No Outputs

Delete VNX CIFS Server

Summary

Delete EMC VNX CIFS Server.

Description

This task deletes the specified CIFS server.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose an EMC VNX CIFS server to delete	emcCifsServerIdentity	Y

Outputs

No Outputs

Delete VNX CIFS Share

Summary

Delete EMC VNX CIFS Share.

Description

This task deletes the specified CIFS share.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Share	Choose an EMC VNX CIFS share to delete	emcCifsShareIdentity	Y

Outputs

No Outputs

Delete VNX DNS Domain

Summary

Delete EMC VNX DNS Domain.

Description

This task deletes the specified DNS Domain.

Inputs

Input	Description	Mappable To Type	Mandatory
DNS Domain	Choose an EMC VNX domain to delete	emcDnsDomainIdentity	Y

Outputs

No Outputs

Delete VNX File System

Summary

Delete EMC VNX File System.

Description

This task deletes the specified File System.

Inputs

Input	Description	Mappable To Type	Mandatory
File System	Choose an EMC VNX file system to delete	emcFileSystemIdentity	Y

Outputs

No Outputs

Delete VNX LUN

Summary

Delete LUN.

Description

This task deletes the specified LUN.

Inputs

Input	Description	Mappable To Type	Mandatory
Select LUN	Choose the LUN that needs to be deleted	emcLUNIdentity	Y
Are you sure you want to delete the selected LUN ?	LUN delete warning message		Y

Outputs

No Outputs

Delete VNX MetaLUN

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select MetaLUN	Choose the MetaLUN to be deleted	emcMetaLUNIdentity	Y
Are you sure you want to delete the selected MetaLUN ?	MetaLUN delete warning message		Y

Outputs

Output	Description	Type
OUTPUT_LUN_IDENTITY	LUN Identity	emcLUNIdentity

Delete VNX NFS Export

Summary

Delete EMC VNX NFS Export.

Description

Deletes the specified NFS Export Path.

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Export	Choose an EMC VNX NFS Export to delete	emcNfsExportIdentity	Y
Recursive Delete	Check to perform a recursive delete	gen_text_input	

Outputs

No Outputs

Delete VNX Network Interface

Summary

Delete EMC VNX Network Interface.

Description

Deletes EMC VNX Network Interface.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface	Choose an EMC VNX interface to delete	emcDataMoverInterfaceIdentity	Y

Outputs

No Outputs

Delete VNX RAID Group

Summary

Delete RAID Group.

Description

Deletes the specified VNX RAID Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select RAID Group	Choose a RAID group to delete	emcRAIDGroup Identity	Y
Are you sure you want to delete the selected Raid group?	Raid group delete warning message		Y

Outputs

No Outputs

Delete VNX Storage Group

Summary

Delete Storage Group.

Description

Deletes the specified VNX Storage Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Group	Choose a storage group to delete	emcStorageGroup Identity	Y
Are you sure you want to delete the selected storage group?	Storage group delete warning message		Y

Outputs

No Outputs

Delete VNX Storage Pool

Summary

Delete EMC VNX Storage Pool.

Description

Deletes the specified VNX Storage Pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Select EMC VNX Storage Pool to delete	emcStoragePoolIdentity	Y
Recursive Delete	Check this option to perform Recursive Delete	gen_text_input	

Outputs

No Outputs

Delete VNX Volume

Summary

Delete EMC VNX Volume.

Description

Deletes the specified Volume

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an EMC VNX volume to delete	emcVolumeIdentity	Y
Recursive Delete	Check to perform a recursive delete	gen_text_input	

Outputs

No Outputs

Expand VNX Block Storage Pool

Summary

Expand VNX Block Storage Pool.

Description

Expands specified Block Storage Pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
Storage Pool Name	Choose a storage pool name	gen_text_input	Y
Disks	Choose one or more disks	emcFreeDisksMultiSelect	Y

Outputs

Output	Description	Type
OUTPUT_BLOCK_STORAGE_POOL_IDENTITY	Storage Pool For Block Identity	emcBlockStoragePoolIdentity

Expand VNX LUN

Summary

Expand Storage Pool LUN.

Description

This task expands storage pool type LUNs.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN to Expand	Choose a LUN to expand	emcLUNIdentity	Y
User Capacity	Enter the LUN capacity	gen_text_input	Y
Capacity Units	Choose the LUN capacity units	EMCSizeUnit	

Outputs

Output	Description	Type
OUTPUT_LUN_IDENTITY	LUN Identity	emcLUNIdentity

Extend VNX FileSystem

Summary

Extend EMC VNX FileSystem.

Description

Extends EMC VNX File System.

Inputs

Input	Description	Mappable To Type	Mandatory
Select EMC Account	Choose an EMC VNX account	EMC_AccountIdentity	Y
File Systems	Choose a file system to be extended	emcFileSystemIdentity	Y
Extend From	Choose whether to use a storage pool or volume to extend the file system	emcVnxFileSystemSource TypeList	Y
Storage Pool	Choose a storage pool	emcStoragePoolIdentity	
Volume	Select the underlying metavolume for the file system.	emcVolumeIdentity	Y
Size (MB)	Enter the size of the storage pool to extend	gen_text_input	

Outputs

Output	Description	Type
FILE_SYSTEM_NAME	Name of the file system created	gen_text_input
OUTPUT_FILE_SYSTEM_IDENTITY	File System Identity.	emcFileSystemIdentity

Modify VNX NFS Export

Summary

Modify NFS Export.

Description

Modifies NFS Export of specified File System in a Data Mover.

Inputs

Input	Description	Mappable To Type	Mandatory
Data Mover	Choose a data mover	emcMoverIdentity	Y
File System Path	Choose a file system	gen_text_input	Y
Read Only Hosts	Enter one or more read only hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Read/Write Hosts	Enter one or more read/write hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Root Hosts	Enter one or more root hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Access Hosts	Enter one or more access hosts. Separate the host names with commas. Enclose any IPv6 addresses in brackets. For example: [2001:db8::1].	gen_text_input	
Host Access Read-only Export	Check to make access to the exported host read-only		

Outputs

Output	Description	Type
OUTPUT_NFS_EXPORT_PATH	Name of the nfs export.	gen_text_input
OUTPUT_NFS_EXPORT_IDENTITY	NFS Export Identity.	emcNfsExportIdentity

Remove Hosts from VNX Storage Group

Summary

Remove Host from Storage Group.

Description

Removes the specified Hosts from the given VNX Storage Group

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Group	Choose a storage group	emcStorageGroupIdentity	Y
Select Host	Choose a host to remove from the storage group	emcHostIdentity	Y

Outputs

No Outputs

Remove LUN from VNX Storage Group

Summary

Remove LUN from Storage Group.

Description

Remove the specified LUN from VNX Storage Group

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Group	Choose a storage group	emcStorageGroupIdentity	Y
Select LUN	Choose the LUN that you want to remove from the storage group	emcLUNIdentity	Y

Outputs

No Outputs

Remove VNX Initiator

Summary

Remove Initiator.

Description

Remove the specified VNX Initiator.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator	Choose one or more initiators to delete	emcInitiatorIdentity	Y

Outputs

No Outputs



EMC VNXe Tasks

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- [Associate VNXe LUN As Datastore, on page 1820](#)
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Add VNXe Host Initiator

Summary

Add new initiator to Host

Description

This task is to add initiator(iSCSI/FCP) to Host.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Identity	Choose a host to which to add the initiator	EMCVNXEHostIdentity	Y
Initiator Type	Choose a host initiator type	EMCVNXEHostInitiatorTypeSelector	Y
IQN or WWN	Enter an IQN in case of iSCSI access or a WWN in case of FC access	gen_text_input	Y
CHAP User Name	Enter the CHAP user name. Applies to iSCSI initiators only.	gen_text_input	
CHAP Secret	Enter the CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.	password	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiatorIdentity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Associate VNXe LUN As Datastore

Summary

Mount the selected LUN as VMFS datastore in the selected hosts

Description

This task will mount the selected LUN to the selected hosts as datastore

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Node	Choose one or more hosts to create the datastore	vmwareHostNodeIdentity	Y
LUN Identity	Choose a LUN to mount as a datastore	EMCVNXELUNIdentity	Y
Datastore Name	Enter a datastore name	gen_text_input	
Initiator Type	Choose an initiator type	gen_text_input	
VDC Name	Choose a vDC to assign to the storage policy	vDC	
Success Criteria	Choose the success criteria	emcVnxMountDatastore SuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create VNXe CIFS Server

Summary

Create EMC VNXe CIFS Server

Description

This task is used to create CIFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server	EMCVNXENASSever Identity	Y
NetBios Name	Enter the NetBIOS name	gen_text_input	Y
WorkGroup	Enter the workgroup	gen_text_input	Y
Local Admin Password	Enter the local admin password	password	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SERVER_IDENTITY	EMC VNXe CIFS Server Identity	EMCVNXECIFSSERVERIDENTITY

Create VNXe CIFS Share

Summary

Create EMC VNXe CIFS Share

Description

This task is used to create a CIFS share for existing file system to CIFS clients.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
File System	Choose a file system to add CIFS share to	EMCVNXEFileSystemIdentity	Y
Path	Enter a local path to a location within the file system	gen_text_input	Y
Name	Enter a unique name for the CIFS share	gen_text_input	
Description	Enter a description	gen_text_input	
CIFS Server	Choose the CIFS server	EMCVNXECIFSSERVERIDENTITY	Y
Is Read Only	Check to enable read-only	Boolean	
Is Encryption Enabled	Check to enable CIFS encryption	Boolean	
Is Continuous Availability Enabled	Check to enable continuous availability	Boolean	
Is Access Entry Enabled	Check to enable access level permissions	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_FILE_SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystemIdentity
OUTPUT_EMC_VNXE_CIFS_SHARE_IDENTITY	EMC VNXe CIFS Share Identity	EMCVNXECIFSShareIdentity

Create VNXe File Interface

Summary

Create EMC VNXe File Interface

Description

This task is used to create network file interfaces to the system.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server	EMCVNXENASSeverIdentity	Y
Ethernet Port	Choose the Ethernet port	EMCVNXEIPPortIdentity	Y
IP Address	Enter the IP address of the network interface	gen_text_input	Y
Gateway	Enter the gateway address of the network interface	gen_text_input	
Net Mask	Enter the net mask	gen_text_input	
Prefix Length	Enter the prefix length	gen_text_input	
vlan ID	Enter a value between 0 and 4094	gen_text_input	
Configuration	Choose the configuration of the interface	EMCVNXEInterface ConfigurationSelector	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Create VNXe File System

Summary

Create new file system

Description

This task is to create new file system

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Storage Pool	Choose a storage pool for the new file system	EMCVNXEStoragePool Identity	Y
Name	Enter a unique name for the new file system	gen_text_input	
Protocol	Choose a protocol to be configured	EMCVNXEFSprotocol Selector	Y
NAS Server	Choose a NAS server	EMCVNXENASSever Identity	Y
Size	Enter a size for the file system	gen_text_input	Y
Capacity Units	Choose the file system capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Tiering Policy	Choose a FAST VP tiering policy for the storage resource	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the file system	Boolean	
FLR Enabled	Check to enable FLR	Boolean	
Enable Deduplication	Check to enable deduplication	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE FILE SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystem Identity
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity
OUTPUT EMC VNXE NAS SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity
OUTPUT EMC VNXE ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Host

Summary

Create new host

Description

This task is to add new Host

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Type	Choose the type of host configuration	EMCVNXEHostTypeSelector	Y
Name	Enter a unique name for the new host	gen_text_input	Y
Description	Enter a description	gen_text_input	
OS Type	Enter the operating system running on the host	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Host IP Port

Summary

Create VNXe Host IP Port

Description

This task is to create host IP Port.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Identity	Choose a host to which to add the IP port	EMCVNXEHostIdentity	Y
Network Address	Enter an IP address or network name of the port	gen_text_input	Y
Subnet Mask	Enter a subnet mask for the IP address, if any	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_IP_PORT_IDENTITY	EMC VNXe Host IP Port Identity	EMCVNXEHostIPPortIdentity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe iSCSI Interface

Summary

Create new iSCSI Interface

Description

This task is to create new iSCSI interface

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccount Identity	Y
iSCSI Node	Choose an iSCSI node on which an interface to be created	EMCVNXEISCSINode Identity	Y
IP Address	Enter the IP address of the iSCSI interface	gen_text_input	Y
Subnet Mask	Enter an IPV4 net mask for the network interface, if the interface uses an IPV4 address.	gen_text_input	Y
IPV6 Prefix Length	Enter an IPV6 prefix length for the iSCSI interface, if the interface uses an IPV6 address.	gen_text_input	
Gateway	Enter the gateway of the iSCSI portal	gen_text_input	
VLAN ID	Enter an ethernet virtual LAN identifier used for tagging. Allowed values are from 1 to 4095.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_ISCSI_INTERFACE_IDENTITY	EMC VNXe iSCSI Interface Identity	EMCVNXEISCSIInterface Identity
OUTPUT_EMC_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe LUN

Summary

Create new LUN by selecting storage pool and capacity information

Description

This task is to create new LUN

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Storage Pool	Choose a storage pool for the new LUN	EMCVNXEStoragePool Identity	Y
Name	Enter a unique name for the new LUN	gen_text_input	
Size	Enter a size for the new LUN	gen_text_input	Y
Capacity Units	Choose the capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Default Node	Choose a storage processor that owns the LUN	EMCVNXENodeSelector	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the LUN	Boolean	
LUN Access Hosts	Choose one or more hosts with access to the LUN	EMCVNXEMultiHostIdentity ForLUNs	
Snapshot Access Hosts	Choose one or more hosts with access to snapshots of the LUN	EMCVNXEMultiHostIdentity ForLUNs	
LUN and Snapshot Access Hosts	Choose one or more hosts with access to both the LUN and its snapshots	EMCVNXEMultiHostIdentity ForLUNs	

Outputs

Output	Description	Type
OUTPUT EMC VNXE LUN IDENTITY	EMC VNXe LUN Identity	EMCVNXELUNIdentity
OUTPUT EMC VNXE STORAGE POOL IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity
OUTPUT EMC VNXE ACCOUNT IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Output	Description	Type
OUTPUT_EMV_VNxE_MULTI_HOST_IDENTITY	EMC VNXe Multi-Host Identity	EMCVNXEMultiHost Identity

Create VNXe NAS Server

Summary

Create EMC VNXe NAS Server

Description

This task is to create new NAS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose a storage pool for the new NAS server	EMCVNXEStoragePoolIdentity	Y
Name	Enter a unique name for the NAS server	gen_text_input	
Mode	Choose the mode of operation	EMCVNXENaSServerMode Selector	
Storage Processor	Choose a storage processor for the new NAS server	EMCVNXEStorageProcessor Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity

Create VNXe NFS Datastore

Summary

Create new NFS Datastore

Description

This task is to create new NFS datastore from selected nfs share

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
NFS Share	Choose a VNXe NFS share with which to create the datastore	EMCVNXENFSShareIdentity	Y
Host Node	Choose one or more hosts with which to create the datastore	vmwareHostNodeIdentity	Y
Datastore Name	Enter a datastore name	gen_text_input	
Access Mode	Choose an access mode	EMCVNXEAccessMode Selector	Y
Success Criteria	Choose the success criteria	EMCVNXEASuccessCriteria Selector	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create VNXe NFS Server

Summary

Create EMC VNXe NFS Server

Description

This task is to create new NFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server configured with NFS protocol	EMCVNXENASSever Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NFS_SERVER_IDENTITY	EMC VNXe NFS Server Identity	EMCVNXENFSServer Identity

Create VNXe NFS Share

Summary

Create new NFS share

Description

This task is to create new NFS Share

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
File System	Choose a file system to add NFS share to	EMCVNXEFileSystemIdentity	Y
Path	Enter a local path to a location within the file system	gen_text_input	Y
Name	Enter a unique name for the NFS share	gen_text_input	
Description	Enter a description	gen_text_input	
Default Access	Choose a default access type	EMCVNXENFSShareDefaultAccessSelector	
No Access Hosts	Choose one or more hosts with no access to the NFS share	EMCVNXEMultiHostIdentity	
Read-Only Hosts	Choose one or more hosts with read-only access to the NFS share	EMCVNXEMultiHostIdentity	
Read/Write Hosts	Choose one or more hosts with read-write access to the NFS share	EMCVNXEMultiHostIdentity	
Root Access Hosts	Choose one or more hosts with root access to the NFS share	EMCVNXEMultiHostIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_FILE_SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystemIdentity
OUTPUT_EMC_VNXE_NFS_SHARE_IDENTITY	EMC VNXe NFS Share Identity	EMCVNXENFSShareIdentity
OUTPUT_EMC_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Route

Summary

Create new route

Description

This task is to create new Route either of type Default/Subnet/Host.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Interface	Choose an interface to connect to	EMCVNXEIPInterfacesIdentity	Y
Type	Select the type of route	EMCVNXERouteTypeSelector	Y
Gateway	Enter the gateway address if it is the default route	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Create VNXe Storage Pool

Summary

Create new storage pool

Description

This task is to create new storage pool by specifying storage tier configuration.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccount Identity	Y
Name	Enter a unique name for the new storage pool	gen_text_input	
Description	Enter a description	gen_text_input	
Extreme Performance Tier	Check to configure an extreme performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter the number of disks to be added to the pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Performance Tier	Check to configure the performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Capacity Tier	Check to configure a capacity storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y

Input	Description	Mappable To Type	Mandatory
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripeWidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDiskGroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Alert Threshold	Enter the threshold at which the system generates notifications about the amount of space remaining in the pool, specified as a percent. Allowed values are from 1 to 84.	gen_text_input	
Enable FAST Cache	Check to enable the FAST cache for the new pool	Boolean	
Enable FAST VP Schedule	Check to enable scheduled data relocations for the pool	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity
OUTPUT EMC VNXE ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Delete VNXe CIFS Server

Summary

Delete the selected CIFS Server

Description

This task is to delete existing CIFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be deleted	EMCVNXECIFSSERVERIDENTITY	Y

Outputs

No Outputs

Delete VNXe CIFS Share

Summary

Delete VNXe CIFS Share

Description

This task is to delete existing CIFS Share.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be deleted	EMCVNXeCIFSShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXeFileSystemIdentity

Delete VNXe FAST Cache

Summary

Disable FAST Cache on selected storage pool

Description

This task will disable FAST cache on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
FAST Cache Identity	Choose a FAST cache to disable	EMCVNXEFASTCacheIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMVNXE_FAST_CACHE_IDENTITY	EMC VNXe FAST Cache Identity	EMCVNXEFASTCacheIdentity

Delete VNXe File Interface

Summary

Delete EMC File Interface

Description

This task is to delete existing File Interface

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Interface	Choose a file interface to be deleted	EMCVNXEFileInterface Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Delete VNXe File System

Summary

Delete the selected file system

Description

This task is to delete the selected file system

Inputs

Input	Description	Mappable To Type	Mandatory
File System Identity	Choose an EMC VNXe file system to be deleted	EMCVNXEFileSystem Identity	Y

Outputs

No Outputs

Delete VNXe Host

Summary

Delete the selected host

Description

This task is to delete the selected host

Inputs

Input	Description	Mappable To Type	Mandatory
Host Identity	Choose an EMC VNXe host to be deleted	EMCVNXEHostIdentity	Y

Outputs

No Outputs

Delete VNXe Host IP Port

Summary

Delete VNXe Host IP Port

Description

This task is to delete existing host IP Port.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Port Identity	Choose a host IP port to be deleted	EMCVNXEHostIPPortIdentity	Y

Outputs

No Outputs

Delete VNXe iSCSI Interface

Summary

Delete the selected iSCSI interface

Description

This task is to delete the selected iSCSI interface

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Interface	Choose an iSCSI interface to be deleted	EMCVNXEISCSIInterface Identity	Y

Outputs

No Outputs

Delete VNXe LUN

Summary

Delete the selected LUN

Description

This task is to delete the selected LUN

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Identity	Choose an EMC VNXe LUN to be deleted	EMCVNXELUNIdentity	Y

Outputs

No Outputs

Delete VNXe NAS Server

Summary

Delete EMC VNXe NAS Server

Description

This task is to delete NAS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server to be deleted	EMCVNXENASSeverIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSeverIdentity

Delete VNXe NFS Server

Summary

Delete EMC VNXe NFS Server

Description

This task is to delete NFS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Select the NFS Server	Choose an NFS server to be deleted	EMCVNXENFSServerInfo Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NFS_SERVER_IDENTITY	EMC VNXe NFS Server Identity	EMCVNXENFSServer Identity

Delete VNXe NFS Share

Summary

Delete the selected NFS Share

Description

This task is to delete the selected NFS share

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Share	Choose an EMC VNXe NFS share to delete	EMCVNXENFSShareIdentity	Y

Outputs

No Outputs

Delete VNXe Route

Summary

Delete EMC VNXe Route

Description

This task is to delete the Route.

Inputs

Input	Description	Mappable To Type	Mandatory
Route	Choose the route to be deleted	EMCVNXERouteIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Delete VNXe Storage Pool

Summary

Delete the selected storage pool

Description

This task will delete the selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool to be deleted	EMCVNXEStoragePool Identity	Y

Outputs

No Outputs

Expand VNXe Storage Pool

Summary

Expand storage pool capacity by adding additional disks

Description

This task will expand storage pool capacity

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool	EMCVNXEStoragePool Identity	Y
Extreme Performance Tier	Check to configure an extreme performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Performance Tier	Check to configure the performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose stripe width for the selected raid group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Capacity Tier	Check to configure the capacity storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y

Input	Description	Mappable To Type	Mandatory
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDiskGroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_STORAGE_POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

Modify EMC VNXe Storage Pool

Summary

Modify attributes of the selected storage pool

Description

This task will help modifying storage pool attributes

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool to be modified	EMCVNXEStoragePoolIdentity	Y
Name	Enter a name for the selected storage pool	gen_text_input	Y
Description	Enter a description	gen_text_input	
Alert Threshold	Enter the threshold at which the system generates notifications about the amount of space remaining in the pool, specified as a percent. Allowed values are from 1 to 84.	gen_text_input	
Enable FAST Cache	Check to enable the FAST cache for the pool	Boolean	
Enable FAST VP Schedule	Check to enable scheduled data relocations for the pool	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

Modify VNXe CIFS Server

Summary

Modify EMC VNXe CIFS Server

Description

This task is to modify EMC VNXe CIFS Server Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be modified	EMCVNXECIFSSERVERIDENTITY	Y
NetBIOS Name	Enter the NetBIOS name	gen_text_input	
WorkGroup	Enter the workgroup	gen_text_input	
Local Admin Password	Enter the local admin password	password	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SERVER_IDENTITY	EMC VNXe CIFS Server Identity	EMCVNXECIFSSERVERIDENTITY

Modify VNXe CIFS Share

Summary

Modify EMC VNXe CIFS Share

Description

This task will modify CIFS share rooted at the specified path.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose the CIFS server to be modified	EMCVNXECIFSShare Identity	Y
Description	Enter a description	gen_text_input	
Is Read Only	Check to enable read-only	Boolean	
Is Encryption Enabled	Check to enable CIFS encryption	Boolean	
Is Continuous Availability Enabled	Check to enable continuous availability	Boolean	
Is Access Entry Enabled	Check to enable access level permissions	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SHARE_IDENTITY	EMC VNXe CIFS Share Identity	EMCVNXECIFSShare Identity

Modify VNXe DNS Server

Summary

Modify EMC VNXe DNS Server

Description

This task is to modify EMC VNXe DNS Server Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DNS Server	Choose a DNS server	EMCVNXEDNSSever Identity	Y
Enter the addresses	Enter one or more addresses. Separate the addresses with commas.	gen_text_input	Y
Origin	Choose the source of the DNS server address	EMCVNXEDNSSeverOrigin	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_DNS_ SERVER_IDENTITY	EMC VNXe DNS SERVER Identity	EMCVNXEDNSSever Identity

Modify VNXe File Interface

Summary

Modify EMC File Interface

Description

This task is to modify selected File Interface to alter its mask,IP Address,Gateway etc..

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Interface	Choose a file interface to be modified	EMCVNXEFileInterface Identity	Y
IP Port	Choose the Ethernet port	EMCVNXEIPPortIdentity	
IP Address	Enter the IP address of the network interface	gen_text_input	
Gateway	Enter the gateway address of the network interface	gen_text_input	
Net Mask	Enter the net mask	gen_text_input	
Prefix Length	Enter the prefix length	gen_text_input	
vlan ID	Enter a value between 0 and 4094	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Modify VNXe File System

Summary

Modify selected file system attributes

Description

This task will help modifying the attributes of file system like name, description, size etc

Inputs

Input	Description	Mappable To Type	Mandatory
File System Identity	Choose an EMC VNXe file system	EMCVNXEFileSystem Identity	Y
Size	Enter a size for the file system	gen_text_input	Y
Capacity Units	Choose the file system capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the file system	Boolean	
Deduplication	Choose the state of deduplication	EMCVNXEDedupState Selector	

Outputs

Output	Description	Type
OUTPUT EMC VNXE FILE SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystem Identity

Modify VNXe Host

Summary

Modify selected host attributes

Description

This task will help modifying the attributes of selected host.

Inputs

Input	Description	Mappable To Type	Mandatory
Host Identity	Choose an EMC VNXe host to be modified	EMCVNXEHostIdentity	Y
Name	Enter a unique name for the host	gen_text_input	
Description	Enter a description	gen_text_input	
OS Type	Enter the operating system running on the host	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity

Modify VNXe Host IP Port

Summary

Modify VNXe Host IP Port

Description

This task is to modify the host IP Port Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Port Identity	Choose a host IP port to be modified	EMCVNXEHostIPPort Identity	Y
Network Address	Enter an IP address or network name of the port	gen_text_input	Y
Subnet Mask	Enter a subnet mask for the IP address, if any	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IP_PORT_IDENTITY	EMC VNXe Host IP Port Identity	EMCVNXEHostIPPort Identity

Modify VNXe Host Initiator

Summary

Modify iSCSI initiator CHAP information

Description

This task will modify CHAP information of selected iSCSI initiator

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be modified	EMCVNXEHostInitiator Identity	Y
CHAP User Name	Enter the CHAP user name. Applies to iSCSI initiators only.	gen_text_input	
CHAP Secret	Enter the CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.	password	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMC_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

Modify VNXe iSCSI Interface

Summary

Modify iSCSI interface attributes

Description

This task is to modify selected iSCSI interface properties like IP address, subnet mask, etc information.

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Interface	Choose an iSCSI interface to be modified	EMCVNXEISCSIIInterface Identity	Y
IP Address	Enter the IP address of the iSCSI interface	gen_text_input	Y
Subnet Mask	Enter an IPV4 net mask for the network interface, if the interface uses an IPV4 address.	gen_text_input	
IPV6 Prefix Length	Enter an IPV6 prefix length for the iSCSI interface, if the interface uses an IPV6 address.	gen_text_input	
Gateway	Enter the gateway of the iSCSI portal	gen_text_input	
VLAN ID	Enter an ethernet virtual LAN identifier used for tagging. Allowed values are from 1 to 4095.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ISCSI_INTERFACE_IDENTITY	EMC VNXe iSCSI Interface Identity	EMCVNXEISCSIIInterface Identity

Modify VNXe LUN

Summary

Modify attributes of the selected LUN

Description

This task will help modifying LUN attributes like name, size, etc information

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Identity	Choose an EMC VNXe LUN to be modified	EMCVNXELUNIdentity	Y
Size	Enter a new size for the LUN	gen_text_input	
Capacity Units	Choose the capacity units	EMCSizeUnit	
Description	Enter a description	gen_text_input	
Default Node	Choose a storage processor that owns the LUN	EMCVNXENodeSelector	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the LUN	Boolean	
LUN Access Hosts	Choose one or more hosts with access to the LUN	EMCVNXEMultiHost IdentityForLUNs	
Snapshot Access Hosts	Choose one or more hosts with access to snapshots of the LUN	EMCVNXEMultiHost IdentityForLUNs	
LUN and Snapshot Access Hosts	Choose one or more hosts with access to both the LUN and its snapshots	EMCVNXEMultiHost IdentityForLUNs	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_LUN_IDENTITY	EMC VNXe LUN Identity	EMCVNXELUNIdentity
OUTPUT_EMC_VNXE_MULTI_HOST_IDENTITY	EMC VNXe Multi-Host Identity	EMCVNXEMultiHost Identity

Modify VNXe NAS Server

Summary

Modify EMC VNXe NAS Server

Description

This task is to modify selected NAS Server Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server to be modified	EMCVNXENASSever Identity	Y
Enter the Name	Enter a new name for the NAS server	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity

Modify VNXe NFS Share

Summary

Modify selected NFS share

Description

This task will help modifying NFS share attributes

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Share	Choose an EMC VNXe NFS share to modify	EMCVNXENFSShareIdentity	Y
Description	Enter a description	gen_text_input	
Default Access	Choose a default access type	EMCVNXENFSShareDefaultAccessSelector	
No Access Hosts	Choose one or more hosts with no access to the NFS share	EMCVNXEMultiHostIdentity	
Read Only Hosts	Choose one or more hosts with read-only access to the NFS share	EMCVNXEMultiHostIdentity	
Read Write Hosts	Choose one or more hosts with read-write access to the NFS share	EMCVNXEMultiHostIdentity	
Root Access Hosts	Choose one or more hosts with root access to the NFS share	EMCVNXEMultiHostIdentity	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NFS_SHARE_IDENTITY	EMC VNXe NFS Share Identity	EMCVNXENFSShareIdentity

Modify VNXe Route

Summary

Modify EMC VNXe Route

Description

This task is to modify route specifications and its type.

Inputs

Input	Description	Mappable To Type	Mandatory
Route	Choose the route to be modified	EMCVNXERouteIdentity	Y
IP Interface	Choose an interface to connect to	gen_text_input	Y
Type	Choose the type of route to be modified	EMCVNXERouteType Selector	Y
Destination	Enter the destination to be modified	gen_text_input	Y
Gateway	Enter the gateway address if it is default route.	gen_text_input	
Net Mask	Enter the netmask.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Register VNXe Host Initiator

Summary

Register selected initiator to host

Description

This will register selected initiator to host

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be registered with the host	EMCVNXEHostInitiator Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

Register VNXe iSCSI storage with Hostnode

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
iSCSI Interface	Choose an iSCSI interface to be registered	EMCVNXEISCSIInterfaceIdentity	Y
Initiator Name	Choose a host node adapter for iSCSI storage registration	vmwareHostStorageAdapterIdentity	Y

Outputs

No Outputs

Unregister VNXe Host Initiator

Summary

Unregister selected initiator from host

Description

Unregister selected host from initiator

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be unregistered from the host	EMCVNXEHostInitiator Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

VNXe Storage Pool Start Relocation

Summary

Start data relocation on selected storage pool

Description

This will start data relocation on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool on which FAST VP data relocation is to be started	EMCVNXEStoragePoolIdentity	Y
Data Relocation Rate	Choose the rate of data relocation	EMCVNXEFASTVPDataRelocationRateSelector	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_STORAGE_POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

VNXe Storage Pool Stop Relocation

Summary

Stop data relocation on selected storage pool

Description

This task will stop data relocation operation on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool on which FAST VP data relocation is to be stopped	EMCVNXEStoragePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_STORAGE_POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity



EMC VPLEX Tasks

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Add Initiator(s) to Storage View

Summary

Add one or more initiator port to a storage view.

Description

This task adds one or more initiator ports to a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Choose the storage view to which to add the initiator port	VPLEXStorageViewIdentity	Y
Initiator Ports(s)	Choose one or more initiator ports to add to the storage view	VPLEXInitiatorIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_INITIATOR_IDENTITY	VPLEX Initiator Identity.	VPLEXInitiatorIdentity

Add Mirror to Logging Volume

Summary

Add a mirror to a VPLEX logging volume.

Description

This task adds a mirror to a VPLEX Logging Volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Logging Volume	Choose a logging volume to be mirrored	VPLEXLoggingVolume Identity	Y
Extent	Choose an extent to be used as mirror for the logging volume	VPLEXExtentIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_LOGGING_VOLUME_IDENTITY	VPLEX Logging Volume Identity.	VPLEXLoggingVolume Identity
OUTPUT_VPLEX_EXTENT_IDENTITY	VPLEX Extent Identity.	VPLEXExtentIdentity

Add Port(s) to Storage View

Summary

Add one or more ports to a storage view.

Description

This task adds one or more ports to a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Choose the storage view to add the ports to	VPLEXStorageViewIdentity	Y
Target Port(s)	Choose one or more target ports to add to the the storage view	VPLEXTargetPortIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_TARGET_PORTS_IDENTITY	VPLEX Target Port(s) Identity.	VPLEXTargetPortIdentity

Add Virtual Volume to Storage View

Summary

Add one or more virtual volumes to a storage view.

Description

This task adds one or more virtual volumes to a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Choose the storage view to add the virtual volume to	VPLEXStorageViewIdentity	Y
Virtual volume	Choose one or more virtual volumes to add to the storage view	VPLEXVirtualVolumeIdentity	Y
LUN ID	Enter a LUN ID	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolumeIdentity
OUTPUT_VPLEX_MULTI_VIRTUAL_VOLUME_IDENTITY	VPLEX Multiple Virtual Volumes Identity.	VPLEXVirtualVolumeIdentity

Add Virtual Volume(s) to Consistency Group

Summary

Add one or more virtual volumes to a storage view.

Description

This task adds one or more virtual volumes to a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the consistency group on which to add virtual volumes	VPLEXConsistencyGroup Identity	Y
Virtual volume(s)	Choose one or more virtual volumes to be added to the consistency group	VPLEXVirtualVolume Identity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_CONSISTENCY_GROUP_IDENTITY	VPLEX Consistency Group Identity.	VPLEXConsistencyGroup Identity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity

Assign Vplex Cluster to Pod

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster to be assigned to the pod	VPLEXClusterIdentity	Y
Select Pod	Choose the pod to assign the cluster	VPLEXPodIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity
OUTPUT_VPLEX_POD_IDENTITY	VPLEX Pod Identity.	VPLEXPodIdentity

Associate Virtual Volume as Datastore

Summary

Associate a VPLEX virtual volume as a VMFS datastore.

Description

This task mounts a virtual machine file system (VMFS) datastore on the ESXi host associated with a VPLEX virtual volume. In case if multiple virtual volumes are mapped as user input, only the first virtual volume out of all the virtual volume identities mapped will be associated as a data store.

Inputs

Input	Description	Mappable To Type	Mandatory
VPLEX Account name	Choose a VPLEX account on which to create the datastore	VPLEXAccount Identity	Y
Datastore Name	Enter the datastore name	gen_text_input	
Hostnode	Choose one or more hosts on which to mount the datastore	gen_text_input	Y
Initiator Type	Choose the protocol to be used to mount the datastore	gen_text_input	
Virtual volume	Choose the virtual volume to mount as a datastore on the host	gen_text_input	Y
VDC Name	Choose a vDC to update its storage policy with the datastore information	vDC	

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	VMware Multi Datastore Identity	vmwareMultiDatastore Identity
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Attach Mirror to Local Device

Summary

Attach a mirror as a RAID 1 child to another (parent) device, and start a rebuild to synchronize the mirror.

Description

This task attaches a mirror as a RAID 1. If the parent device is a RAID 0 or RAID C, it is converted to RAID 1. If the parent device and mirror device are from different clusters, a distributed device is created.

Inputs

Input	Description	Mappable To Type	Mandatory
Source Device	Choose the local device to attach the mirror to	VPLEXDeviceIdentity	Y
Mirror Type	Choose the type of mirror to be used	gen_text_input	
Mirror Device	Choose the device to be used as the mirror	VPLEXDeviceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_DEVICE_IDENTITY	VPLEX Device Identity.	VPLEXDeviceIdentity
OUTPUT_VPLEX_DEVICE_COMPONENT_IDENTITY	VPLEX Device Component Identity.	VPLEXDeviceComponentIdentity

Claim Storage Volume

Summary

Claim storage volumes.

Description

This task claims one or more storage volumes. A storage volume is a device or LUN that is visible to VPLEX.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Volume(s)	Select one or more storage volumes to claim.	VPLEXStorageVolumeIdentity	Y
New name	Enter a new name for the claimed volume. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	
Thin Rebuild	Check to thin provision the storage volume		
Application Consistent	Check to allow the importing of existing LUNs that are one-to-one representations of existing storage volumes		

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VOLUME_IDENTITY	VPLEX Storage Volume Identity.	VPLEXStorageVolumeIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Create Consistency Group

Summary

Create a consistency group.

Description

This task creates a consistency group under a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to create the consistency group	VPLEXClusterIdentity	Y
Group Name	Enter a name for the group that is unique across all clusters. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	
Type	Choose the type of virtual volume to be added to the group	gen_text_input	Y
Global Visibility	Check to create a consistency group that is visible to all clusters	gen_text_input	
Cache Mode	Choose the type of cache	gen_text_input	
Detach Rule	Choose the winning cluster	gen_text_input	
Delay	Enter the delay after an inter-cluster failure before the winning cluster detaches, in seconds	gen_text_input	
Virtual volume(s)	Choose one or more virtual volumes to be added to the consistency group	VPLEXVirtualVolume Identity	

Outputs

Output	Description	Type
OUTPUT_VPLEX_CONSISTENCY_GROUP_IDENTITY	VPLEX Consistency Group Identity.	VPLEXConsistencyGroup Identity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity

Create Device

Summary

Create a local device on one or more extents.

Description

This task configures a device from one or more extents in a RAID 1, RAID 0, concatenated (RAID C) or 1:1 Extent to device mapping configuration.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to create the device	VPLEXClusterIdentity	Y
Geometry	Choose the type of device to be created	VPLEXGeometryType List	Y
Source Extents	Choose the source extent for the device	VPLEXExtentIdentity	Y
Target Extents	Choose the target extent for the device for RAID - 1 configuration	VPLEXExtentIdentity	
Device Name	Enter a name for the device that is unique across all clusters. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	
Stripe Depth	Choose the stripe depth for the storage device	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_DEVICE_IDENTITY	VPLEX Device Identity.	VPLEXDeviceIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity
OUTPUT_VPLEX_MULTI_DEVICE_IDENTITY	VPLEX 1:1 Extent to Device Mapping Device Identity.	VPLEXDeviceIdentity

Create Distributed Device

Summary

Create a distributed storage device.

Description

This task creates a new distributed storage device from local devices. It uses one device from each cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Source Cluster	Choose the cluster on which to display the distributed device	VPLEXClusterIdentity	Y
Source Device	Choose the local device to be used as the source for the distributed device	VPLEXDeviceIdentity	Y
Copy data from source to new device	Check to copy data from the source legs to the other legs of the device		
Target Device	Choose the local device to be used as the target for the distributed device	VPLEXDeviceIdentity	Y
Logging Volume(s)	Choose a logging volume to be used by the distributed device	VPLEXLoggingVolumeIdentity	
Device Name	Enter a name for the distributed device that is unique across all clusters. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	
RuleSet	Choose the rule set to be added to the distributed device	VPLEXDistributedStorageRuleSetIdentity	

Outputs

Output	Description	Type
OUTPUT_VPLEX_DISTRIBUTED_DEVICE_IDENTITY	VPLEX Distributed Device Identity.	VPLEXDistributedDeviceIdentity
OUTPUT_VPLEX_DEVICE_IDENTITY	VPLEX Device Identity.	VPLEXDeviceIdentity
OUTPUT_VPLEX_LOGGING_VOLUME_IDENTITY	VPLEX Logging Volume Identity.	VPLEXLoggingVolumeIdentity
OUTPUT_VPLEX_RULESET_IDENTITY	VPLEX RuleSet Identity.	VPLEXDistributedStorageRuleSetIdentity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolumeIdentity
OUTPUT_VPLEX_VIRTUAL_VOLUME1_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolumeIdentity

Create Extent

Summary

Create one or more extents.

Description

This task creates one or more storage volume extents.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to create the extent	VPLEXClusterIdentity	Y
Storage Volume	Choose a storage volume to be used to create the extent	VPLEXStorageVolume Identity	Y
Size (GB)	Enter the size of the extent	gen_text_input	
Extent Count	Enter the number of extents to be created	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VPLEX_EXTENT_IDENTITY	VPLEX Extent Identity.	VPLEXExtentIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Create Logging Volume

Summary

Create a new logging volume in a cluster.

Description

This task creates a logging volume. The new logging volume is immediately available for use with distributed devices. A logging volume is required on each cluster in VPLEX Metro and Geo configurations.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Choose the cluster on which to create the logging volume	VPLEXClusterIdentity	Y
Geometry	Choose the type of volume to create	VPLEXGeometryType List	Y
Extents	Choose the extents to be added to the logging volume	VPLEXExtentIdentity	Y
Volume Name	Enter a name for the volume that is unique across all clusters. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	
Stripe Depth	Choose the stripe depth for the logging volume	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_LOGGING_VOLUME_IDENTITY	VPLEX Logging Volume Identity.	VPLEXLoggingVolume Identity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Create Storage View

Summary

Create a storage view.

Description

This task creates a storage view with one or more ports.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to create the storage view	VPLEXClusterIdentity	Y
Target Port(s)	Choose one or more target ports to be added to the storage view	VPLEXTargetPort Identity	Y
Storage View Name	Enter a name for the storage view that is unique across all clusters. Use only alphanumeric, hyphen (-), and underscore (_) characters.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Create Virtual Volume

Summary

Create a virtual volume on a device.

Description

This task creates one or more virtual volumes on a host device.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to create the virtual volume	VPLEXClusterIdentity	Y
Local Device	Choose the local device on which to create the virtual volume	VPLEXDeviceIdentity	Y
Storage Tier ID	Enter the storage tier number	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolumeIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity
OUTPUT_VPLEX_MULTI_VIRTUAL_VOLUME_IDENTITY	VPLEX Multiple Virtual Volumes Identity.	VPLEXVirtualVolumeIdentity

Delete Consistency Group

Summary

Delete a consistency group.

Description

This task deletes one or more empty consistency groups.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the consistency group to delete	VPLEXConsistencyGroup Identity	
Do you want to delete the selected consistency group?			

Outputs

No Outputs

Delete Device

Summary

Delete one or more local devices.

Description

This task deletes one or more selected local devices.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device(s)	Select the device to be deleted	VPLEXDeviceIdentity	Y
Do you want to delete the selected device?			

Outputs

No Outputs

Delete Distributed Device(s)

Summary

Delete one or more distributed devices.

Description

This task deletes one or more distributed devices. The target distributed device must not host any virtual volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Distributed Device(s)	Choose the distributed device to be deleted	VPLEXDistributedDevice Identity	
Do you want to delete the selected distributed device?			

Outputs

No Outputs

Delete Extent

Summary

Delete one or more extents.

Description

This task deletes one or more storage volume extents.

Inputs

Input	Description	Mappable To Type	Mandatory
Extents	Select the extent to be deleted	VPLEXExtentIdentity	Y
Do you want to delete the selected extent?			

Outputs

No Outputs

Delete Logging Volume

Summary

Delete a logging volume.

Description

This task deletes a logging volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Logging Volume	Choose the logging volume to be deleted	VPLEXLoggingVolume Identity	Y
Do you want to delete the selected logging volume?			
Do you want to delete selected logging volume?			

Outputs

No Outputs

Delete Storage View

Summary

Delete a storage view.

Description

This task deletes a specified storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Select the storage view to be deleted	VPLEXStorageView Identity	Y
Do you want to delete selected storage view?			
Force	Check to forcibly delete the storage view even if it is in use		

Outputs

No Outputs

Delete Virtual Volumes

Summary

Delete one or more virtual volumes.

Description

This task deletes one or more virtual volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Volume(s)	Select the virtual volume to be deleted	VPLEXVirtualVolume Identity	Y
Do you want to delete the selected virtual volume?			

Outputs

No Outputs

Detach Mirror from Local Device

Summary

Remove a mirror from a RAID-1 device.

Description

This task removes (detaches) a mirror from a RAID-1 device.

Inputs

Input	Description	Mappable To Type	Mandatory
Parent Device	Choose the local device from which to detach the mirror	VPLEXDeviceIdentity	Y
Mirror Device	Choose the mirror device to remove	VPLEXDeviceComponent Identity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_DEVICE_IDENTITY	VPLEX Device Identity.	VPLEXDeviceIdentity

Enable/Disable Recoverpoint on Consistency Group

Summary

Enable or disable a Recoverpoint on a consistency group.

Description

This task allows the consistency group to be enable/disable RecoverPoint.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the consistency group on which to enable or disable RecoverPoint protection	VPLEXConsistencyGroup Identity	Y
Option	Choose to enable or disable RecoverPoint protection for the consistency group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_CONSISTENCY_GROUP_IDENTITY	VPLEX Consistency Group Identity.	VPLEXConsistencyGroup Identity

Expand Virtual Volume

Summary

Expand a virtual volume.

Description

This task expands a virtual volume by local device or extent.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Volume	Choose a virtual volume to expand	VPLEXVirtualVolume Identity	Y
Device Type	Choose the type of device to be added to expand the virtual volume	gen_text_input	Y
Extent	Choose the extent to be added to expand the virtual volume	VPLEXExtentIdentity	
Local Device	Choose the local device to be added to expand the virtual volume	VPLEXDeviceIdentity	

Outputs

Output	Description	Type
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity
OUTPUT_VPLEX_EXTENT_IDENTITY	VPLEX Extent Identity.	VPLEXExtentIdentity
OUTPUT_VPLEX_DEVICE_IDENTITY	VPLEX Device Identity.	VPLEXDeviceIdentity

Rediscover Storage Array

Summary

Rediscover an array and make the array's storage volumes visible to the VPLEX.

Description

This task rediscovers an array, and makes the array's storage volumes visible to the VPLEX.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Array	Choose the storage array on which to rediscover volumes	VPLEXStorageArray Identity	Y
Do you want to rediscover storage volumes of the array?			

Outputs

No Outputs

Register Initiator Port

Summary

Register a new initiator port.

Description

This task registers an initiator port and associates one world wide name (WWN) pair with it.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose the cluster on which to register the initiator port	VPLEXClusterIdentity	Y
Type	Choose the type of initiator port	VPLEXInitiatorTypeList	
Initiator Name	Enter a name for the initiator port	gen_text_input	
Port WWN	Enter the WWN address of the port	gen_text_input	Y
Node WWN	Enter the WWN address of the node	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_INITIATOR_IDENTITY	VPLEX Initiator Identity.	VPLEXInitiatorIdentity
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Remote Access to Virtual Volume

Summary

Enable or disable remote access on a virtual volume.

Description

This task enables or disables remote access on a virtual volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Volume	Choose the virtual volume on which to enable remote access	VPLEXVirtualVolume Identity	Y
Access Type	Choose to enable or disable remote access for the virtual volume		

Outputs

Output	Description	Type
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity

Remove Initiator(s) from Storage View

Summary

Remove one or more initiator ports from a storage view.

Description

This task removes one or more initiator ports from a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage View	Choose the storage view from which to remove the initiator	VPLEXStorageViewIdentity	Y
Select Initiator(s)	Choose one or more initiator ports to remove from the storage view	VPLEXInitiatorIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_INITIATOR_IDENTITY	VPLEX Initiator Identity.	VPLEXInitiatorIdentity

Remove Port(s) from Storage View

Summary

Remove one or more ports from storage view.

Description

This task removes one or more ports from a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Choose the storage view from which to remove ports	VPLEXStorageViewIdentity	Y
Target Ports	Choose one or more target ports to remove from the storage view	VPLEXTargetPortIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_TARGET_PORTS_IDENTITY	VPLEX Target Port(s) Identity.	VPLEXTargetPortIdentity

Remove Virtual Volume from Storage View

Summary

Remove a virtual volume from a storage view.

Description

This task removes a virtual volume from a storage view.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage View	Choose the storage view from which to remove the virtual volume	VPLEXStorageViewIdentity	Y
Virtual volume	Choose a virtual volume to remove from the storage view	VPLEXVirtualVolume Identity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VIEW_IDENTITY	VPLEX Storage View Identity.	VPLEXStorageViewIdentity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity

Remove Virtual Volume(s) from Consistency Group

Summary

Remove one or more virtual volumes from a consistency group.

Description

This task removes one or more virtual volumes from a consistency group.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the consistency group from which to remove virtual volumes	VPLEXConsistencyGroup Identity	Y
Select virtual volume(s)	Choose one or more virtual volumes to remove from the consistency group	VPLEXVirtualVolume Identity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_CONSISTENCY_GROUP_IDENTITY	VPLEX Consistency Group Identity.	VPLEXConsistencyGroup Identity
OUTPUT_VPLEX_VIRTUAL_VOLUME_IDENTITY	VPLEX Virtual Volume Identity.	VPLEXVirtualVolume Identity

Unassign Vplex Cluster from Pod

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster	Choose a cluster to be unassigned from the pod	VPLEXClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VPLEX_CLUSTER_IDENTITY	VPLEX Cluster Identity.	VPLEXClusterIdentity

Unclaim Storage Volumes

Summary

Un-claim (release) previously claimed storage volumes.

Description

This task uses the storage-volume unclaim command to return storage volumes to the unclaimed state. The target storage volume must not be in use.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Volume(s)	Select the storage volume to be unclaimed	VPLEXStorageVolume Identity	Y
Do you want to unclaim the selected storage volume?			

Outputs

Output	Description	Type
OUTPUT_VPLEX_STORAGE_VOLUME_IDENTITY	VPLEX Storage Volume Identity.	VPLEXStorageVolume Identity

Unregister Initiator Port(s)

Summary

Unregister one or more initiator ports.

Description

This task unregisters one or more initiator ports.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator port	Choose the initiator port to be unregistered from the cluster	VPLEXInitiator Identity	Y
Do you want to remove the selected initiator port?			
Force	Check to forcibly remove the initiator port even if it is in use		

Outputs

No Outputs



EMC XtremIO Tasks

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Add XtremIO Initiator

Summary

Adds an XtremIO Initiator.

Description

Use this task to add an initiator into XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Initiator Group	Choose the initiator group	EMCXtremIOInitiator GroupIdentity	Y
Initiator Name	Enter the initiator name	gen_text_input	
Port Address	Enter one or more port addresses for the initiator. The format for the initiator is: initiator_name@port_address. Separate multiple initiators values with commas.	gen_text_input	Y
Operating System	Choose the operating system of the host	EMCXtremIOInitiator OSList	Y

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_INITIATOR_IDENTITY	EMC XtremIO Initiator Identity	EMCXtremIOInitiatorIdentity
OUTPUT_EMC_XTREMIO_INITIATOR_GROUP_IDENTITY	EMC XtremIO Initiator Group Identity	EMCXtremIOInitiatorGroup Identity
OUTPUT_EMC_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMC_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Add XtremIO Volume to Consistency Group

Summary

Adds an XtremIO Volume to Consistency Group.

Description

Use this task to add an XtremIO Volume to a Consistency group in XMS. Consistency Groups (CGs) are used to create a consistent image of a set of volumes, usually used by a single application such as database. With XtremIO CGs, you can create a snapshot of all the volumes in a group using a single command. This ensures that all volumes are created at the same time. Many operations that are applied on a single volume can also be applied on a CG.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the XtremIO consistency group to which to add the volume	EMCXtremIOConsistencyGroupIdentity	Y
Volume	Choose the XtremIO volume to add to the consistency group	EMCXtremIOVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	EMCXtremIOConsistencyGroupIdentity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT EMC XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity
OUTPUT EMC XTREMIO_VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolumeIdentity

Associate XtremIO LUN as Datastore

Summary

Associates an XtremIO LUN as a Datastore.

Description

This task associates an existing EMCXtremIO LUN as a datastore in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Datastore Name	Enter the data store name	gen_text_input	
Create DataStore On	Choose to create the data store on either the host level or the cluster level	EmcXtremIODataStore CreationOption	Y
Select Cluster	Choose one or more clusters on which to create the data store	EMCXtremIOVMWare ClusterIdentity	
Select Hostnode	Choose one or more host nodes on which to create the data store	vmwareHostNodeIdentity	Y
Initiator Type	Choose the initiator type of the initiator mapped to the volume	EMCXtremIOPrototype	
Volume	Choose the volume to be mounted as the data store	EMCXtremIOVolume Identity	Y
VDC Name	Choose the vDC to which to assign the storage policy	vDC	
Success Criteria	Choose the success criteria for the task	EMCXtremIOMount DatastoreSuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_EMC_XTREMIO_VMWARE_CLUSTER_IDENTITY	Output of VMWare Cluster identity	EMCXtremIOVMWare ClusterIdentity

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Attach XtremIO Tag

Summary

Attaches an XtremIO Tag.

Description

Use this task to attach a tag to a Volume, Initiator Group, Initiator, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Resource Type	Select the type of Resource	EMCXtremIOTagObjectType List	Y
XtremIO Volume	Select EMC XtremIO Volume to attach Tag	EMCXtremIOVolumeIdentity	Y
XtremIO Initiator Group	Select EMC XtremIO Initiator to attach Tag	EMCXtremIOInitiatorGroup Identity	Y
XtremIO Initiator	Select EMC XtremIO Initiator to attach Tag	EMCXtremIOInitiatorIdentity	Y
XtremIO Consistency Group	Select EMC XtremIO Consistency Group to attach Tag	ConsistencyGroup	Y
Tag Name	Choose the tag name to attach to the resource to	EMCXtremIOTagIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_TAG_IDENTITY	EMC XtremIO Tag Identity	EMCXtremIOTagIdentity
OUTPUT_EMC_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMC_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Create XtremIO Consistency Group

Summary

Creates an XtremIO Consistency Group.

Description

Use this task to create a Consistency Group and associate it with a list of Volumes in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Consistency Group Name	Enter the consistency group name	gen_text_input	
Volume	Choose one or more volumes to be added to the consistency group	EMCXtremIOVolume Identity	

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	EMCXtremIOConsistency GroupIdentity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT EMC XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT EMC XTREMIO_VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolumeIdentity

Create XtremIO Initiator Group

Summary

Creates an EMC XtremIO Initiator Groups.

Description

Use this task to add initiator Groups into XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Initiator Group Name	Enter the initiator group name	gen_text_input	
Initiators	Enter one or more initiators for the initiator group. The format for the port address is: initiator_name@port_address. Separate multiple initiators with commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO INITIATOR_GROUP_NAME	EMC XtremIO Initiator Group Name	gen_text_input
OUTPUT EMC XTREMIO INITIATOR_GROUP_IDENTITY	EMC XtremIO Initiator Group Identity	EMCXtremIOInitiator GroupIdentity
OUTPUT EMC XTREMIO ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccount Name

Create XtremIO Scheduler

Summary

Creates an XtremIO Scheduler.

Description

Use this task to create a Scheduler on a Volume, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Scheduler to be created On	Choose the type of storage resource on which to create the scheduler. The permitted values are Volumes, Consistency Group and Snapshot Set.	EMCXtremIOSnapshot TypeList	Y
Volume	Select volume	EMCXtremIOVolume Identity	Y
Consistency Group	Select consistency group	EMCXtremIOConsistency GroupIdentity	Y
Schedule	Choose the schedule on which to take snapshots. The permitted values are Fixed Interval and Explicit Time.	EMCXtremIOSnapshot ScheduleList	Y
Snapshot Fixed Scheduled	Enter the fixed interval in hh:mm:ss format	gen_text_input	Y
Snapshot Explicit Schedule	Enter the explicit time in 24-hour hh:mm format	gen_text_input	Y
Snapshot Explicit Scheduled Day	Choose the day of the week to take the snapshot	EMCXtremIOSnapshot ScheduleDayList	Y
Number of Snapshots to keep	Enter the number of snapshots to be retained	gen_text_input	Y
Suffix	Enter the suffix to be appended to the snapshot's stem name	gen_text_input	
Snapshot Type	Choose the type of the snapshot. The permitted values are Read/Write and ReadOnly.	EMCXtremIOSnapshot TypePropertyList	Y

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO INFRA ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT EMC XTREMIO ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Output	Description	Type
OUTPUT_EMX_XTREMIO_SCHEDULER_IDENTITY	EMC XtremIO Scheduler Identity	EMCXtremIOScheduler Identity

Create XtremIO Snapshot Set

Summary

Creates an XtremIO Snapshot Set.

Description

Use this task to create a Snapshot Set on a Volume, Consistency Group, or Snapshot set in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Snapshot Set Name	Enter the snapshot set name	gen_text_input	
Snapshot Suffix	Enter the snapshot suffix to be appended to the snapshot name	gen_text_input	
Type	Choose the snapshot set type. Permitted values are Read/Write and ReadOnly.	EMCXtremIOSnapshotType PropertyList	Y
Snapshot Origin Type	Choose the origin type for the snapshot set. Permitted values are Volumes, Consistency Group and Snapshot Set.	EMCXtremIOSnapshotType List	Y
Source Volumes	Choose one or more source volumes for the snapshot set	EMCXtremIOVolume IdentityList	Y
Source Consistency Group	Choose the source consistency group for the snapshot set	EMCXtremIOConsistency GroupIdentity	Y
Source Snapshot Set	Choose the source snapshot set for the new snapshot set	EMCXtremIOSnapshotSet Identity	Y

Outputs

Output	Description	Type
OUTPUT EMC XTREMEIO SNAPSHOT SET IDENTITY	Output of Snapshot Set identity	EMCXtremIOSnapshotSet Identity
OUTPUT EMC XTREMEIO ACCOUNT IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Create XtremIO Tag

Summary

Create an XtremIO Tag.

Description

Use this task to create a tag in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Tag Name	Enter the tag name	gen_text_input	
Resource Type	Choose the resource type for the tag. Permitted values are Volume, Initiator Group, Initiator, and Consistency Group.	EMCXtremIOTagObject TypeList	Y
Parent Tag	Choose the parent tag for the new tag	EMCXtremIOParentTagList	

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_TAG_IDENTITY	EMC XtremIO Tag Identity	EMCXtremIOTagIdentity
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Create XtremIO Volume

Summary

Creates an EMC XtremIO Volume.

Description

Use this task to add a volume to XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Volume Name	Enter the volume name	gen_text_input	
Volume Size	Enter the volume size	gen_text_input	Y
Capacity Type	Choose the capacity type for the volume. The permitted values are KB, MB, GB, TB and PB.	EMCXtremIODevice CapacityTypeList	Y
Logical block size	Choose the logical block size for the volume. The permitted values are 512 KB logical blocks (default value) and 4 KB logical blocks. Once defined this value cannot be modified.	EMCXtremIOVolume LBSIZEList	
Small Input/Output Alerts	Choose the status of small input/output alerts on the volume. Allowed values are Disabled (default value) and Enabled. If the field is set to Enabled, alerts are sent if the I/O size is less than 4 KB on the volume.	EMCXtremIOVolume AlertList	
Unaligned Input/Output Alerts	Choose the status of unaligned input/output alerts on the volume. The permitted values are Disabled (default value) and Enabled. If the field is set to Enabled, alerts are sent if the I/O operations are out of alignment on the volume.	EMCXtremIOVolume AlertList	
VAAI TP Alerts	Choose the status of VAAI TP alerts on the volume. The permitted values are Disabled (default value) and Enabled. If the field is set to Enabled, alerts are triggered in VMware when the storage array has met its storage capacity.	EMCXtremIOVolume AlertList	

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolumeIdentity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Output	Description	Type
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Create XtremIO iSCSI Portal

Summary

Creates an EMC XtremIO iSCSI Portal.

Description

Use this task to create an iSCSI portal in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
IP Address	Enter the IPv4 address in CIDR notation	gen_text_input	Y
VLAN	Enter the VLAN ID for the iSCSI portal. The permitted range of values is from 0 to 4094.	gen_text_input	
iSCSI Target	Choose the iSCSI target port for the iSCSI portal	EMCXtremIOTargetPort Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_iSCSI_PORTAL_IDENTITY	Output of iSCSI Portal identity	EMCXtremIOiSCSIPortal Identity
OUTPUT_EMC_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccount Name
OUTPUT_EMC_XTREMIO_ISCSI_PORT_ADDRESS	iSCSI Port Address	gen_text_input
OUTPUT_EMC_XTREMIO_ISCSI_PORTAL_VLAN_ID	iSCSI Portal VLAN id	gen_text_input
OUTPUT_EMC_XTREMIO_ISCSI_PORTAL_IP_ADDRESS	iSCSI Portal IP Address	gen_text_input
OUTPUT_EMC_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Create XtremIO iSCSI Route

Summary

Creates an EMC XtremIO iSCSI Route.

Description

Use this task to create an iSCSI Route in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Name	Enter the iSCSI route name	gen_text_input	
Destination Network	Enter the destination network IPv4 address in CIDR notation	gen_text_input	Y
Gateway Address	Enter the gateway address	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMX_XTREMIO_iSCSI_ROUTE_IDENTITY	Output of iSCSI Route identity	EMCXtremIOiSCSIRoute Identity
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Delete XtremIO Consistency Group

Summary

Deletes an XtremIO Consistency Group.

Description

Use this task to delete a Consistency Group from XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the XtremIO consistency group to delete	EMCXtremIOConsistencyGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	EMCXtremIOConsistencyGroupIdentity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT EMC XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity

Delete XtremIO Initiator

Summary

Deletes an EMC XtremIO Initiator.

Description

Use this task to delete an Initiator from XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Initiator	Choose the XtremIO initiator to delete	EMCXtremIOInitiatorIdentity	Y

Outputs

No Outputs

Delete XtremIO Initiator Group

Summary

Deletes an EMC XtremIO Initiator Group.

Description

Use this task to delete an Initiator Group from XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Initiator Group	Choose the XtremIO initiator group	EMCXtremIOInitiatorGroup Identity	Y

Outputs

No Outputs

Delete XtremIO Scheduler

Summary

Deletes an XtremIO Scheduler.

Description

Use this task to delete Schedulers created on a Volume, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Scheduler	Choose the XtremIO scheduler to delete	EMCXtremIOScheduler Identity	Y

Outputs

No Outputs

Delete XtremIO Snapshot

Summary

Deletes an XtremIO Snapshot.

Description

Use this task to delete a Snapshot from a Snapshot Set created on a Volume, Consistency Group, or Snapshot Set in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Snapshot	Choose the XtremIO snapshot to delete	EMCXtremIOSnapshots Identity	Y

Outputs

No Outputs

Delete XtremIO Snapshot Set

Summary

Deletes an XtremIO Snapshot Set.

Description

Use this task to delete a Snapshot Set created on a Volume, Consistency Group, or Snapshot set.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Set	Choose the XtremIO snapshot set to delete	EMCXtremIOSnapshotSet Identity	Y

Outputs

No Outputs

Delete XtremIO Tag

Summary

Deletes an XtremIO Tag.

Description

Use this task to delete a tag in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Tag	Choose the XtremIO tag to delete	EMCXtremIOtagIdentity	Y

Outputs

No Outputs

Delete XtremIO Volume

Summary

Deletes an EMC XtremIO Volume.

Description

Use this task to delete a volume from XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Volume	Choose the XtremIO volume to delete	EMCXtremIOVolumeIdentity	Y

Outputs

No Outputs

Delete XtremIO iSCSI Portal

Summary

Delete EMC XtremIO iSCSI Portal

Description

This task is used to remove iSCSI Portal details in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Portal	Choose the XtremIO iSCSI portal to delete	EMCXtremIOiSCSIPortal Identity	Y

Outputs

No Outputs

Delete XtremIO iSCSI Route

Summary

Deletes an EMC XtremIO iSCSI Route.

Description

Use this task to remove an iSCSI Route in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Route	Choose the XtremIO iSCSI route to delete	EMCXtremIOiSCSIRoute Identity	Y

Outputs

No Outputs

Detach XtremIO Tag

Summary

Detaches an XtremIO Tag.

Description

Use this task to detach the tag of a Volume, Initiator Group, Initiator, Snapshot or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account Name	Choose the XtremIO account	EMCXtremIOAccount Identity	Y
Resource Type	Choose the resource type for the tag. Permitted values are Volume, Initiator Group, Initiator and Consistency Group.	EMCXtremIOTagObject TypeList	Y
XtremIO Volume	Choose the volume from which to detach the tag	EMCXtremIOVolume Identity	Y
XtremIO Initiator Group	Choose the initiator group from which to detach the tag	EMCXtremIOInitiatorGroup Identity	Y
XtremIO Initiator	Choose the initiator from which to detach the tag	EMCXtremIOInitiator Identity	Y
XtremIO Consistency Group	Choose the consistency group from which to detach the tag	EMCXtremIOConsistency GroupIdentity	Y
Tag Name	Choose the tag name to detach from the resource	EMCXtremIOTagIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_TAG_IDENTITY	EMC XtremIO Tag Identity	EMCXtremIOTagIdentity
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Disable XtremIO Snapshot Scheduler

Summary

Disables an XtremIO Snapshot Scheduler.

Description

Use this task to disable a Scheduler created on a Volume, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Scheduler	Choose the XtremIO scheduler to disable	EMCXtremIOScheduler Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMX_XTREMIO_SCHEDULER_IDENTITY	EMC XtremIO Scheduler Identity	EMCXtremIOScheduler Identity

Enable XtremIO Snapshot Scheduler

Summary

Enables an EMC XtremIO Scheduler.

Description

Use this task to enable Schedulers created on a Volume, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Scheduler	Choose the XtremIO scheduler to enable	EMCXtremIOScheduler Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMX_XTREMIO_SCHEDULER_IDENTITY	EMC XtremIO Scheduler Identity	EMCXtremIOScheduler Identity

Map XtremIO Volume

Summary

Creates an EMC XtremIO LUN Mapping

Description

Use this task to create a LUN mapping between a Volume and an Initiator Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Account	Choose the XtremIO account	EMCXtremIOAccountIdentity	Y
Volume	Choose the volume to map	EMCXtremIOVolumeIdentity	Y
Initiator Group	Choose the initiator group	EMCXtremIOInitiatorGroup Identity	Y
LUN ID	Enter the LUN ID for the mapping. The permitted values are integers less than 16384.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMC_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMC_XTREMIO_INITIATOR_GROUP_IDENTITY	EMC XtremIO Initiator Group Identity	EMCXtremIOInitiatorGroup Identity
OUTPUT_EMC_XTREMIO_LUN_IDENTITY	EMC XtremIO LUN Identity	EMCXtremIOLunMap Identity
OUTPUT_EMC_XTREMIO_HOST_LUN_ID	EMC XtremIO Host LUN ID	gen_text_input
OUTPUT_EMC_XTREMIO_VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolume Identity

Modify XtremIO Initiator

Summary

Modifies an EMC XtremIO Initiator.

Description

Use this task to modify Initiator parameters in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Initiator	Choose the XtremIO initiator to modify	EMCXtremIOInitiator Identity	Y
Initiator Name	Enter the initiator name	gen_text_input	Y
Port Address	Enter one or more port addresses for the initiator. The format for the port address is: initiator_name@port_address. Separate multiple initiators values with commas.	gen_text_input	Y
Operating System	Select Operating System	EMCXtremIOInitiator OSList	Y

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO INITIATOR_IDENTITY	EMC XtremIO Initiator Identity	EMCXtremIOInitiator Identity
OUTPUT EMC XTREMIO ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT EMC XTREMIO INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Modify XtremIO Scheduler

Summary

Modifies an XtremIO Scheduler.

Description

Use this task to modify a Scheduler created on a Volume, Snapshot, or Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Scheduler	Choose the XtremIO scheduler to modify	EMCXtremIOScheduler Identity	Y
Schedule	Schedule Every Day or Explicitly	EMCXtremIOSnapshot ScheduleList	Y
Snap Shot Fixed Interval	Enter Schedule in hh:mm:ss format	gen_text_input	Y
Snap shot Explicit Schedule	Enter Schedule in hh:mm format	gen_text_input	Y
Snapshot Explicit Scheduled Day	Enter Day for Scheduling	EMCXtremIOSnapshot ScheduleDayList	Y
Number of Snapshots to keep	Select The number of Snapshots to keep	gen_text_input	Y
Suffix	Text adjoined to the scheduler's stem name	gen_text_input	
Snapshot Type	Select Snapshot type read/write or read	EMCXtremIOSnapshotType PropertyList	

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity
OUTPUT_EMX_XTREMIO_SCHEDULER_IDENTITY	EMC XtremIO Scheduler Identity	EMCXtremIOScheduler Identity

Modify XtremIO Volume

Summary

Modifies an EMC XtremIO Volume.

Description

Use this task to modify volume parameters in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Volume	Choose the XtremIO volume to modify	EMCXtremIOVolume Identity	Y
Volume Name	Enter the volume name	gen_text_input	Y
Volume Size	Enter the volume size	gen_text_input	Y
Capacity Type	Choose the capacity type for the volume. The permitted values are KB, MB, GB, TB and PB.	EMCXtremIODevice CapacityTypeList	Y
Small Input/Output Alerts	Choose the status of small input/output alerts on the volume. The permitted values are Disabled (default value) and Enabled. If the field is set to Enabled, alerts are sent if the I/O size is less than 4 KB on the volume.	EMCXtremIOVolume AlertList	
Unaligned Input/Output Alerts	Choose the status of unaligned input/output alerts on the volume. The permitted values are Disabled (default value) and Enabled. If the field is set to Enabled alerts are sent if the I/O operations are out of alignment on the volume.	EMCXtremIOVolume AlertList	
VAAI TP Alerts	Choose the status of VAAI TP alerts on the volume. The permitted values are Disabled (default value) and Enabled. If the field is set to Enabled, alerts are triggered in VMware when the storage array has met its storage capacity.	EMCXtremIOVolume AlertList	

Outputs

Output	Description	Type
OUTPUT EMC XTREMIO VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolumeIdentity
OUTPUT EMC XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT EMC XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccount Identity

Remove XtremIO Volume from Consistency Group

Summary

Removes an XtremIO Volume from a Consistency Group.

Description

Use this task to remove an associated volume from a Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the XtremIO consistency group to which to add the volume	EMCXtremIOConsistencyGroupIdentity	Y
Volume	Choose the XtremIO volume to add to the consistency group	EMCXtremIOVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_XTREMIO_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	EMCXtremIOConsistencyGroupIdentity
OUTPUT_EMC_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMC_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity
OUTPUT_EMC_XTREMIO_VOLUME_IDENTITY	EMC XtremIO Volume Identity	EMCXtremIOVolumeIdentity

Rename XtremIO Consistency Group

Summary

Renames an XtremIO Consistency Group.

Description

Use this task to rename a Consistency Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose the consistency group to be renamed	EMCXtremIOConsistencyGroupIdentity	Y
Consistency Group Name	Enter the new name for the consistency group	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	EMCXtremIOConsistencyGroupIdentity
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity

Rename XtremIO Initiator Group

Summary

Renames an EMC XtremIO Initiator Group.

Description

Use this task to rename an Initiator Group in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO Initiators Group	Choose the XtremIO initiator group	EMCXtremIOInitiatorGroup Identity	Y
Initiator Group Name	Enter the initiator group name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_INITIATOR_GROUP_NAME	EMC XtremIO Initiator Group Name	gen_text_input
OUTPUT_EMX_XTREMIO_INITIATOR_GROUP_IDENTITY	EMC XtremIO Initiator Group Identity	EMCXtremIOInitiatorGroupIdentity
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

Rename XtremIO Tag

Summary

Renames an XtremIO Tag.

Description

Use this task to rename a tag created in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
Tag	Choose the XtremIO tag to rename	EMCXtremIOTagIdentity	Y
Tag Caption	Enter the caption for the tag	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMX_XTREMIO_TAG_IDENTITY	EMC XtremIO Tag Identity	EMCXtremIOTagIdentity
OUTPUT_EMX_XTREMIO_ACCOUNT_IDENTITY	EMC XtremIO Account Identity	EMCXtremIOAccountIdentity
OUTPUT_EMX_XTREMIO_INFRA_ACCOUNT	EMC XtremIO Account Name	EMCXtremIOAccountName

UnMap XtremIO Volume

Summary

Removes an EMC XtremIO LUN Mapping.

Description

Use this task to remove a LUN mapping from an Initiator Group and a Volume in XMS.

Inputs

Input	Description	Mappable To Type	Mandatory
XtremIO LUN	Choose the XtremIO volume to remove its mapping	EMCXtremIOLunMapIdentity	Y

Outputs

No Outputs



F5 Big IP Tasks

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- [Create F5 Load Balancer Application Service, on page 1953](#)
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- [Force F5 Load Balancer Traffic Group To Standby, on page 1969](#)
- [Modify F5 Load Balancer Application Service, on page 1970](#)
- [Modify F5 Load Balancer Device Group, on page 1971](#)
- [Modify F5 Load Balancer Traffic Group, on page 1972](#)
- [Modify F5 Load Balancer Virtual Server, on page 1973](#)
- [Remove Member from F5 Pool, on page 1974](#)
- [Update F5 Load Balancer Traffic Group to Virtual Server Address, on page 1975](#)

Add Member to F5 Pool

Summary

Add a member to an F5 pool.

Description

This task adds a member to an F5 pool in an F5 Load Balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select the Pool name	Select the pool name	F5LBPool Identity	
Address	Provide a node IP address. For example: 12.23.2.1.		Y
Do you want to use existing Node	Check this if you want to add an existing node. By default this field is unchecked.		
Node Name	Select the node name		Y
Service Port	Enter a valid service port value.		Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_POOL_IDENTITY	F5 Load Balancer Pool Identity.	F5LBPoolIdentity
OUTPUT_F5_LB_POOL_MEMBER_IDENTITY	F5 Load Balancer Pool Member Identity.	F5LBPoolMemberIdentity

Create F5 Load Balancer Application Service

Summary

Create an F5 Load Balancer application service.

Description

This task creates an iApp Application Service.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Select an F5 account	F5LBAccount Identity	Y
Select F5 Partition	Select an F5 partition	F5LBPartition Identity	Y
Application Service name	Provide an application service name	gen_text_input	Y
Template	This field is not editable. By default the application service template is f5.http.		Y
Virtual Server IP	Provide a virtual server IP address of this form: A.B.C.D. For example: 12.2.3.44.	gen_text_input	Y
Virtual Server Port	Provide a virtual server port	gen_text_input	Y
FQDN names of Virtual server	Provide one or more FQDN names for the virtual server, separated with commas. For example: abc.com, f5.com.	gen_text_input	Y
Nodes list	Provide one or more node details that can be associated with the virtual server.		Y
Inherit Device Group from current Partition/Path	Check this if you want to inherit the device group from the current partition and path. By default this field is checked.		Y
Device Group	Select the device group	F5LBDeviceGroup Identity	Y
Inherit Traffic Group from current Partition/Path	Check this if you want to inherit the traffic group from the current partition and path. By default this field is checked.		Y
Traffic Group	Select the traffic group	F5LBTrafficGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_APPLICATION_SERVICE_IDENTITY	F5 Load Balancer Application Service Identity.	F5LBApplicationService Identity
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity

Output	Description	Type
OUTPUT_F5_LB_TRAFFIC_GROUP_IDENTITY	F5 Load Balancer Traffic Group Identity.	F5LBTrafficGroupIdentity
OUTPUT_F5_LB_DEVICE_GROUP_IDENTITY	F5 Load Balancer Device Group Identity.	F5LBDeviceGroupIdentity

Create F5 Load Balancer Device Group

Summary

Create an F5 Load Balancer device group.

Description

This task creates a device group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Choose an F5 account	F5LBAccount Identity	Y
Select F5 Partition	Select an F5 partition	F5LBPartition Identity	Y
Name	Enter a device group name	gen_text_input	Y
Description	Enter a device group description	gen_text_input	
ASM Synchronize	Check this to synchronize the ASM. By default this field is unchecked.	Boolean	
Group Type	Choose a group type: sync-only or sync-failover. By default sync-only is selected.	gen_text_input	
Auto Synchronize	Check this for auto-synchronization. By default this field is unchecked.	Boolean	
Full Load On Synchronize	Check this to enable full load on synchronize. By default this field is unchecked.	Boolean	
Network FailOver	Check this for network failover. By default this field is unchecked.	Boolean	
Incremental Config Synchronize SizeMax	Enter an incremental config synchronize size. The default is 1024.	gen_text_input	
Save On Auto Synchronize	Check this to save on auto-synchronize. By default this field is unchecked.	Boolean	
Members	Provide one or more member details that can be associated with the device group.		

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity

Output	Description	Type
OUTPUT_F5_LB_DEVICE_GROUP_IDENTITY	F5 Load Balancer Device Group Identity.	F5LBDeviceGroupIdentity

Create F5 Load Balancer Partitions

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Select an F5 account	F5LBAccountIdentity	Y
Partition name	Provide a partition name	gen_text_input	Y
Description	Provide a partition description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity

Create F5 Load Balancer Pool

Summary

Create an F5 Load Balancer pool.

Description

This task creates a pool in an F5 Load Balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Select an F5 account	F5LBAccountIdentity	Y
Select F5 Partition	Select an F5 partition	F5LBPartitionIdentity	Y
Pool name	Provide a pool name	gen_text_input	Y
Load Balancing method	Choose a load balancing method	F5LBLoadBalancing Identity	Y
Use existing Nodes list	Provide one or more node details that can be associated with the virtual server		
Add new Nodes list	Provide one or more node details that can be associated with the virtual server		

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_POOL_IDENTITY	F5 Load Balancer Pool Identity.	F5LBPoolIdentity

Create F5 Load Balancer Traffic Group

Summary

Create an F5 Load Balancer traffic group.

Description

This task creates a traffic group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Select an F5 account	F5LBAccountIdentity	Y
Select F5 Partition	Select an F5 partition	F5LBPartitionIdentity	Y
Name	Enter a traffic group name	gen_text_input	Y
Description	Enter a traffic group description	gen_text_input	
Failover Method	Choose a failover method: HA Group, HA Order or Load Aware.	gen_text_input	
Ha LoadFactor	Enter an HA load factor value. Range is 1 to 1000.	gen_text_input	
Auto Failback Time	Enter the auto failback time in seconds.	gen_text_input	
Auto Failback Enabled	Check this to enable auto failback. By default this field is unchecked.	Boolean	
Ha Group	Select an HA group	F5LBHaGroupIdentity	
MAC	Enter a traffic MAC address in this format: XY:XY:XY:XY:XY:XY. For example: C8:53:A6:C1:B9:4A.	gen_text_input	
Failover Order	Provide one or more failover order details that can be associated with the traffic group		

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity
OUTPUT_F5_LB_TRAFFIC_GROUP_IDENTITY	F5 Load Balancer Traffic Group Identity.	F5LBTrafficGroupIdentity

Create F5 Load Balancer Virtual Server

Summary

Create an F5 Load Balancer virtual server.

Description

This task creates a virtual server in an F5 load balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Account	Select an F5 account	F5LBAccountIdentity	Y
Select F5 Partition	Select an F5 partition	F5LBPartitionIdentity	Y
Virtual Server name	Provide a virtual server name	gen_text_input	Y
Virtual Server Description	Provide a virtual server description	gen_text_input	
Virtual Server Type	This is not an editable field. By default the virtual server type is Standard.		Y
Destination IP	Provide a destination IP such as 10.2.3.1	gen_text_input	Y
Destination IP	Provide a destination IP such as 10.2.3.1	ipv4Address	
Destination IP Mask	Provide a destination IP mask of the form 255.x.x.x	gen_text_input	
Destination IP Mask	Provide a destination IP mask of the form 255.x.x.x	subnetMask	
Service Port	Choose a service port for the virtual server: FTP, HTTP, HTTPS, Telnet, PPTP, SNMP, SNMP_TRAP,SMTP, SSH or Other	gen_text_input	Y
Port number	Enter a valid port number	gen_text_input	Y
Protocol	Choose a protocol for the virtual server: TCP or UDP	gen_text_input	
Protocol TCP Profile(Client)	Select a client protocol TCP profile	F5LBTCPProfileClient Identity	Y
Protocol TCP Profile(Server)	Select a server protocol TCP profile	F5LBTCPProfileServer Identity	Y
Protocol UDP Profile(Client)	Select a client protocol UDP profile	F5LBUDPPProfileClient Identity	Y
Protocol UDP Profile(Server)	Select a server protocol UDP profile	F5LBUDPPProfileServer Identity	Y
Default Pool	Select the pool name	F5LBPoolIdentity	

Outputs

Output	Description	Type
OUTPUT_F5_LB_VIRTUAL_SERVER_IDENTITY	F5 Load Balancer Virtual Server Address Identity.	F5LBVirtualServerIdentity
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_POOL_IDENTITY	F5 Load Balancer Pool Identity.	F5LBPoolIdentity

Delete F5 Load Balancer Application Service

Summary

Delete an F5 Load Balancer application service.

Description

This task deletes the iApp Application Service from an F5 load balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Application Service	Select the F5 application service to delete	F5LBApplicationService Identity	Y
Do you want to delete selected ApplicationService?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity

Delete F5 Load Balancer Device Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Name	F5LBDeviceGroupIdentity	Y
Do you want to delete selected Device Group?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity

Delete F5 Load Balancer Node

Summary

Delete an F5 Load Balancer Node.

Description

This task deletes an F5 Load Balancer node.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Node	Select an F5 node to delete	F5LBNodeIdentity	Y
Do you want to delete selected Node?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_NODE_IDENTITY	F5 Load Balancer Node Identity.	F5LBNodeIdentity

Delete F5 Load Balancer Partition

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Partition	Select an F5 partition to delete	F5LBPartitionIdentity	Y
Do you want to delete selected ApplicationService?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity

Delete F5 Load Balancer Pool

Summary

Delete an F5 Load Balancer pool

Description

This task deletes a pool from an F5 load balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Pool	Select F5 Pool	F5LBPoolIdentity	Y
Do you want to delete selected Pool?			Y

Outputs

No Outputs

Delete F5 Load Balancer Traffic Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select a traffic group to delete	F5LBTrafficGroupIdentity	Y
Do you want to delete selected Traffic Group?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity

Delete F5 Load Balancer Virtual Server

Summary

Delete an F5 Load Balancer Virtual server.

Description

This task deletes a virtual server from an F5 load balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Virtual Server	Select an F5 virtual server to delete	F5LBVirtualServer Identity	Y
Do you want to delete selected Virtual Server?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_VIRTUAL_SERVER_NAME	F5 Load Balancer Virtual Server Name.	F5LBVirtualServerName

Force F5 Load Balancer Traffic Group To Standby

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select a traffic group for force standby	F5LBTrafficGroup Identity	Y
Do you want to Force This Traffic Group To Standby ?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity

Modify F5 Load Balancer Application Service

Summary

Modify the iApp Application Service attributes.

Description

This task updates the iApp Application Service attributes, including the virtual server, virtual server port, FQDN names of the virtual servers, and the node list.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Service	Select the application service name	F5LBApplicationServiceIdentity	Y
Virtual Server IP	Provide a virtual server IP address of this form: A.B.C.D. For example: 12.2.3.44.	gen_text_input	Y
Virtual Server Port	Provide a virtual server port.	gen_text_input	Y
FQDN names of Virtual server	Provide one or more FQDN names for the virtual server, separated with commas. For example: abc.com, f5.com.	gen_text_input	Y
Nodes list	Provide one or more node details that can be associated with the virtual server		Y
Inherit Device Group from current Partition/Path	Check this if you want to inherit the device group from the current partition and path. By default this field is checked.		Y
Device Group	Select the device group	F5LBDeviceGroupIdentity	Y
Inherit Traffic Group from current Partition/Path	Check this if you want to inherit the traffic group from the current partition and path. By default this field is checked.		Y
Traffic Group	Select the traffic group	F5LBTrafficGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_APPLICATION_SERVICE_IDENTITY	F5 Load Balancer Application Service Identity.	F5LBApplicationServiceIdentity
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_TRAFFIC_GROUP_IDENTITY	F5 Load Balancer Traffic Group Identity.	F5LBTrafficGroupIdentity
OUTPUT_F5_LB_DEVICE_GROUP_IDENTITY	F5 Load Balancer Device Group Identity.	F5LBDeviceGroupIdentity

Modify F5 Load Balancer Device Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select the device group to modify	F5LBDeviceGroup Identity	Y
Description	Enter a device group description	gen_text_input	
ASM Synchronize	Check this to synchronize the ASM. By default this field is unchecked.	Boolean	
Group Type	Choose a group type: sync-only or sync-failover. by default sync-only is selected.	gen_text_input	
Auto Synchronize	Check this for auto-synchronization. By default this field is unchecked.	Boolean	
Full Load On Synchronize	Check this to enable full load on synchronize. By default this field is unchecked.	Boolean	
Network FailOver	Check this for network failover. By default this field is unchecked.	Boolean	
Incremental Config Synchronize SizeMax	Enter incremental config synchronize size. The default is 1024.	gen_text_input	
Save On Auto Synchronize	Check this to save on auto-synchronize. By default this field is unchecked.	Boolean	
Members	Provide one or more member details that can be associated with the device group.		

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity
OUTPUT_F5_LB_DEVICE_GROUP_IDENTITY	F5 Load Balancer Device Group Identity.	F5LBDeviceGroupIdentity

Modify F5 Load Balancer Traffic Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Select a traffic group to modify	F5LBTrafficGroup Identity	Y
Description	Description	gen_text_input	
Failover Method	Failover Method	gen_text_input	
Ha LoadFactor	Enter an HA load factor value. Range is 1 to 1000.	gen_text_input	
Auto Failback Enabled	Check this to enable auto failback. By default this field is unchecked.	Boolean	
Ha Group	Select an HA group	F5LBHaGroupIdentity	
Auto Failback Time	Enter the auto failback time in seconds.	gen_text_input	
MAC	Enter a traffic MAC address in this format: XY:XY:XY:XY:XY:XY. For example: C8:53:A6:C1:B9:4A.	gen_text_input	
Failover Order	Provide one or more failover order details that can be associated with the traffic group		

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_PARTITION_IDENTITY	F5 Load Balancer Partition Identity.	F5LBPartitionIdentity
OUTPUT_F5_LB_TRAFFIC_GROUP_IDENTITY	F5 Load Balancer Traffic Group Identity.	F5LBTrafficGroupIdentity

Modify F5 Load Balancer Virtual Server

Summary

Modify an F5 Load Balancer Virtual server.

Description

This task modifies a virtual server in an F5 load balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Server	Select the virtual server that you want to modify	F5LBVirtualServer Identity	Y
Virtual Server Description	Provide a virtual server description		
Destination IP	Provide a destination IP such as 10.2.3.1	gen_text_input	Y
Destination IP Mask	Provide a destination IP mask address of the form 255.x.x.x	gen_text_input	Y
Service Port	Choose a service port for virtual server: FTP, HTTP, HTTPS, Telnet, PPTP, SNMP, SNMP_TRAP,SMTP, SSH or Other	gen_text_input	Y
Port number	Enter a valid port number	gen_text_input	Y
Default Pool	Select the pool name	F5LBPoolIdentity	

Outputs

Output	Description	Type
OUTPUT_F5_LB_VIRTUAL_SERVER_IDENTITY	F5 Load Balancer Virtual Server Address Identity.	F5LBVirtualServerIdentity
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_POOL_IDENTITY	F5 Load Balancer Pool Identity.	F5LBPoolIdentity

Remove Member from F5 Pool

Summary

Remove a member from an F5 pool.

Description

This task removes a member from an F5 pool in an F5 Load Balancer.

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Pool Member	Select an F5 pool member to delete	F5LBPoolMember Identity	Y
Do you want to remove selected Pool Member?			Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_POOL_IDENTITY	F5 Load Balancer Pool Identity.	F5LBPoolIdentity
OUTPUT_F5_LB_NODE_IDENTITY	F5 Load Balancer Node Identity.	F5LBNodeIdentity

Update F5 Load Balancer Traffic Group to Virtual Server Address

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select F5 Virtual Server Address	Select an F5 virtual server Address	F5LBVirtualServerAddressIdentity	Y
Inherit Traffic Group from current Partition/Path	Check this if you want to inherit traffic group from the current partition and path. By default this field is checked.		Y
Traffic Group	Select the traffic group	F5LBTrafficGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_F5_LB_ACCOUNT_IDENTITY	F5 Load Balancer Account Identity.	F5LBAccountIdentity
OUTPUT_F5_LB_VIRTUAL_SERVER_ADDRESS_IDENTITY	F5 Load Balancer Virtual Server Identity.	F5LBVirtualServerAddressIdentity
OUTPUT_F5_LB_TRAFFIC_GROUP_IDENTITY	F5 Load Balancer Traffic Group Identity.	F5LBTrafficGroupIdentity



Firmware Management Tasks

This chapter contains the following sections:

- [AddFirmwareNetworkImageForm](#), on page 1978
- [CIMAddHostImageProfileForm](#), on page 1979
- [CIMApplyHostImageConfigImpl](#), on page 1980
- [CIMEditHostImageProfileForm](#), on page 1981
- [CIMCHIMFindCCOImage](#), on page 1982
- [CIMHostImageLocalImageAddFormImpl](#), on page 1983
- [CIMCSDImageDownloadConfig](#), on page 1984
- [CIMCSDRunFirmwareUpgrade](#), on page 1985
- [CreateLocalImage](#), on page 1986
- [DeleteFirmwareProfileForm](#), on page 1987
- [DeleteHostImageProfileForm](#), on page 1988
- [DownloadLocalImage](#), on page 1989
- [DownloadLocalImageForHIMForm](#), on page 1990
- [LocalImage](#), on page 1991
- [ModifyFirmwareNetworkImageForm](#), on page 1992
- [RunFirmwareUpgrade](#), on page 1993
- [RunHostImageUpgrade](#), on page 1994

AddFirmwareNetworkImageForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Select Server			Y
Location Link			Y
Remote IP			Y
Remote Share Path			Y
Remote file Name			Y
User Name			
Password			
Mount Options			
			Y

Outputs

No Outputs

CIMCAddHostImageProfileForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Select Option			Y
Server IP Address			Y
File Path			Y
File Type			Y
File Name			Y
Username			Y
Password			Y
Delete All Images			
Run Upgrade After Download			

Outputs

No Outputs

CIMCApplHostImageConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Servers			Y
Profile Name			Y
Enable	Enable		Y
Schedule Name			Y

Outputs

No Outputs

CIMCEditHostImageProfileForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Select Option			Y
Server IP Address			Y
File Path			Y
File Type			Y
File Name			Y
Username			Y
Password			Y
Delete All Images			
Upgrade Now			

Outputs

No Outputs

CIMCHIMFindCCOImage

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Platform			Y

Outputs

No Outputs

CIMHostImageLocalImageAddFormImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Download Now			
Select Available Image			Y
Delete All Images			
Run Upgrade After Download			
Note: Accept license agreement via 'Accept EULA' action			

Outputs

No Outputs

CIMCSDImageDownloadConfig

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Download image from			Y
			Y
			Y
Run Upgrade After Download			
Servers			Y

Outputs

No Outputs

CIMCSDRunFirmwareUpgrade

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Servers			Y
Enable	Enable		Y
Schedule Name			Y

Outputs

No Outputs

CreateLocalImage

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Select Available Image			Y
Download Now			
			Y

Outputs

No Outputs

DeleteFirmwareProfileForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y

Outputs

No Outputs

DeleteHostImageProfileForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y

Outputs

No Outputs

DownloadLocalImage

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name	Profile Name	gen_text_input	Y

Outputs

No Outputs

DownloadLocalImageForHIMForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name	Profile Name	gen_text_input	Y

Outputs

No Outputs

LocalImage

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Platform			Y

Outputs

No Outputs

ModifyFirmwareNetworkImageForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Platform			Y
Select Server			Y
Location Link			Y
Remote IP			Y
Remote Share Path			Y
Remote file Name			Y
User Name			
Password			
Mount Options			
			Y

Outputs

No Outputs

RunFirmwareUpgrade

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image Profile	Select Image Profile to use for the upgrade the devices.		Y
Servers			Y
Enable	Enable		Y
Schedule Name			Y

Outputs

No Outputs

RunHostImageUpgrade

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image Profile	Select Image Profile to use for the upgrade the devices.		Y
Servers			Y
Enable	Enable		Y
Schedule Name			Y

Outputs

No Outputs



General Task

This chapter contains the following sections:

- [GetFreeIPFromTierName](#), on page 1996
- [GetVLANIdFromTierName](#), on page 1997

GetFreeIPFromTierName

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container		ServiceContainer	Y
Tier Name		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_FREE_IP		gen_text_input

GetVLANIdFromTierName

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server Identity		ucsServerIdentity	Y
Container		ServiceContainer	Y
EPG Identity		ApicDeviceTenantEPGIdentity	Y

Outputs

Output	Description	Type
OUTPUT_TIER_VLANIDENTITY		gen_text_input
OUTPUT_TIER_NAME		gen_text_input



General Tasks

This chapter contains the following sections:

- [Add Application Category](#), on page 2001
- [Add VMware Account](#), on page 2002
- [Apply License](#), on page 2003
- [Budget Allocation](#), on page 2004
- [Check Group Resource Limit](#), on page 2005
- [Clone Standard Catalog](#), on page 2006
- [CloudSense Generate Report](#), on page 2009
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Add Application Category

Summary

Add an Application Category.

Description

This task adds an Application Category in UCSD.

Inputs

Input	Description	Mappable To Type	Mandatory
Category Label	Category Label	gen_text_input	Y
Category Code	Category Label	gen_text_input	
Category Description	Category Description	gen_text_input	
Category Enabled	Category Enabled	gen_text_input	
Default Smart Allocation Algorithm	Default Smart Allocation Algorithm	smartAllocationAlgorithm List	Y

Outputs

Output	Description	Type
CATEGORY_ID	Category ID	gen_text_input
CATEGORY_NAME	Category Name	gen_text_input

Add VMware Account

Summary

Add a VMware account to the Pod.

Description

Add a VMware account to the Pod. Pod name should be given as user mapping input.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	The cloud name. The name cannot include single quotes.	gen_text_input	Y
vCenter or Host Address	Enter the IP address or the FQDN of the vCenter or Host.	gen_text_input	Y
Use Credential Policy	Select if you want to use policy to give the credentials.		
Credential Policy			Y
User ID	The username that this account will use to access the vCenter or Host. This username must be a valid account with administrator or root privileges.	gen_text_input	Y
Password	The password associated with the user id.	password	Y
Port	Enter the port number of the vCenter or Host.	gen_text_input	Y
Access URL	Enter the URL for server access.	gen_text_input	Y
Skip Cloud Reachability Check	Select if you want to verify if vCenter server is reachable or not.	Boolean	

Outputs

No Outputs

Apply License

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
	Browse to select PAK license file, and click Upload button before submitting the form.	gen_text_input	
Enter License Text	Select checkbox to enter license text instead of file upload.		
License Text	Enter the License Text here	gen_text_input	Y

Outputs

No Outputs

Budget Allocation

Summary

Allocate a budget.

Description

This task allocates a budget for a Group in which a VM is provisioned.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Check Group Resource Limit

Summary

Configure VM resource limits.

Description

This task sets resource limits on a VM so as not to overtax a Group.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Clone Standard Catalog

Summary

Clone a standard catalog.

Description

This task clones a standard catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Select a catalog to clone	Choose a standard catalog to clone	StandardCatalog	Y
Catalog Name	Enter the catalog name	gen_text_input	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	CatalogType	Y
Catalog Icon	Choose the catalog icon	StandardCatalog Icon	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to end users	Check to publish the catalog to end users	Boolean	Y
Cloud Name	Choose the cloud name	gen_text_input	Y
Provision new VM for ISO mounting	Check to provision a new VM for ISO mounting	Boolean	
Provision new VM using Content Library VM Template	Check to provision a new VM using a content library VM template	Boolean	Y
Provision all disks in single datastore	Check to provision all disks in a single datastore	Boolean	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Category	Choose the application category	ucsdApplication Category	Y
End user can override category	Check to provide an option for the end user to override the application category	Boolean	Y
Specify OS	Provide the OS	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Specify Other OS	Enter the other OS	gen_text_input	
Specify Applications	Provide one or more applications	gen_text_input	
Specify Other Applications	Enter the other applications	gen_text_input	
Application Code	Enter the application code	gen_text_input	
Credential Options	Provide the credential options	gen_text_input	
Automatic Guest Customization	Automatic Guest Customization		
Enable Automatic Guest Customization	Check to perform automatic guest customization	Boolean	
Pre Provisioning Custom Actions	Pre Provisioning Custom Actions		
Enable Pre Provisioning Custom Actions	Check to use a pre-provisioning workflow	Boolean	
Workflow	Choose the post-provisioning workflow	compoundWorkflow	
Post Provisioning Custom Actions	Post Provisioning Custom Actions		
Enable Post Provisioning Custom Actions	Check to use a post-provisioning workflow	Boolean	
Workflow	Choose the post-provisioning workflow	compoundWorkflow	
Virtual Storage Catalog	Provide the virtual storage catalog		
Enable Virtual Storage Catalog	Check to use a virtual storage catalog	Boolean	
Virtual Storage Catalog	Provide the virtual storage catalog	gen_text_input	
Cost Computation	Cost Computation		
Charge Duration	Choose the charge duration	CatalogChargeUnit	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter Inactive VM Application Cost	gen_text_input	
VM Life Cycle Configuration	VM Life Cycle Configuration		
Lease Time	Check to provide the lease time configuration	Boolean	
Days	Enter the lease days	gen_text_input	
Hours	Enter the lease hours	gen_text_input	
Hide end user lease configuration	Check to hide the lease configuration from end users	Boolean	

Input	Description	Mappable To Type	Mandatory
Hide end user VM provision later	Check to hide the VM provision-later option from end users	gen_text_input	
Web Access Configuration	Web Access Configuration		
Enable to allow users to access via Web browser	Check to allow users to access the catalog via web browser	Boolean	
URL	Enter URL	gen_text_input	
Label	Enter the label	gen_text_input	
Remote Desktop Access Configuration	Remote Desktop Access Configuration		
Enable to allow users to access via Remote Desktop	Check to allow users to access the catalog via remote desktop	Boolean	
Server	Enter the server	gen_text_input	
Port	Enter the port	gen_text_input	
Label	Enter the label	gen_text_input	
VMRC Console Configuration	VMRC Console Configuration		
Enable to allow users to access VMRC Console	Check to allow users to access the VMRC console	Boolean	

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	StandardCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

CloudSense Generate Report

Summary

CloudSense Generate Report

Description

This task generates report for selected cloudsense or report builder templates.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Report Type	Choose the report type	CloudSenseReportType	Y

Outputs

Output	Description	Type
OUTPUT_REPORT_TYPE	CloudSense report type(CloudSense Report or Custom Report)	gen_text_input
OUTPUT_CLOUDSENSE_REPORT_NAME	CloudSense Report	gen_text_input
OUTPUT_CLOUDSENSE_REPORT_TITLE	CloudSense Report Generated	gen_text_input
OUTPUT_REPORT_BUILDER_TEMPLATE_NAME	Report Builder Template	gen_text_input
OUTPUT_REPORT_BUILDER_REPORT_TITLE	Custom Report Generated	gen_text_input

Collect Inventory

Summary

Collect inventory for VMware, UCS, NetApp and Network Devices.

Description

This task collects Inventory for VMware, UCS, NetApp and Network Devices.

Inputs

Input	Description	Mappable To Type	Mandatory
VMware Account	Select VMware Accounts for which inventory need to be collected.	gen_text_input	
UCS Account	Select UCS Accounts for which inventory need to be collected.	gen_text_input	
NetApp Account	Select NetApp Accounts for which inventory need to be collected.	gen_text_input	
VDI Account	Select VDI Accounts for which inventory needs to be collected.	gen_text_input	
Network Device	Select networking Device	networking_device	
APIC Account	Select APIC Account	ApicDeviceMultiIdentity	
ACI Multi-Site Account	Select ACI Multi-Site Account	MSCDeviceIdentity	

Outputs

No Outputs

Configure Mail Notification

Summary

Configure a Notification Mail.

Description

This task configures notification emails for VM events.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Create IP Subnet Pool Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Network Supernet Address	Network Supernet Address	gen_text_input	Y
Network Supernet Mask	Network Subnet Mask, ex 255.255.255.0	gen_text_input	Y
Number of Subnets Required	Number of Subnets Required	gen_text_input	Y
Gateway Address	Gateway Address Index	IPSubnetPoolPolicyGatewayAddressList	Y
Allow IP Overlap	Select to Allow IP Overlap	IPSubnetPoolPolicyAlloeIPOverLapList	Y
Scope	Scope	PolicyIPPoolScopeType	

Outputs

Output	Description	Type
IP_SUBNET_POOL_POLICY_NAME	Name of the IP Subnet Pool Policy Name on which the selected operation was performed	gen_text_input
OUTPUT_IP_SUBNET_POOL_POLICY_IDENTITY	IP Subnet Pool Policy Identity	IPSubnetPoolPolicy
OUTPUT_NETWORK_IP	Network IP	ipaddress
IP_SUBNET_POOL_POLICY_NO_OF_SUBNETS	Name of the IP Subnet Pool Policy no of subnets on which the selected operation was performed	gen_text_input
IP_SUBNET_POOL_POLICY_OVER_LAPING	Name of the IP Subnet Pool Policy over laping on which the selected operation was performed	gen_text_input
IP_SUBNET_POOL_POLICY_SCOPE	Name of the IP Subnet Pool Policy scope on which the selected operation was performed	gen_text_input

Create Standard Catalog

Summary

Create a standard catalog.

Description

This task creates a new standard catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Catalog Name	Enter the catalog name	gen_text_input	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	CatalogType	Y
Catalog Icon	Choose the catalog icon	StandardCatalog Icon	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to end users	Check to publish the catalog to end users	Boolean	Y
Cloud Name	Choose the cloud name	CloudName	Y
Provision new VM for ISO mounting	Check to provision the new VM for ISO mounting	Boolean	
Provision new VM using Content Library VM Template	Check to provision the new VM using the content library VM template	Boolean	Y
Image	Choose the Hyper-V image	hyperv_image_lov	Y
Vmware Image	Choose the VMware image	image	Y
Provision all disks in single datastore	Check to provision all disks in single datastore	Boolean	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Category	Choose the application category	ucsdApplication Category	Y
End user can override category	Check to provide the option for the end user to override the application category	Boolean	Y

Input	Description	Mappable To Type	Mandatory
Specify OS	Provide the OS	gen_text_input	
Specify Other OS	Enter the other OS	gen_text_input	
Specify Applications	Provide one or more applications	gen_text_input	
Specify Other Applications	Enter the other applications	gen_text_input	
Application Code	Enter the application code	gen_text_input	
Credential Options	Provide the credential options	gen_text_input	
Automatic Guest Customization	Automatic Guest Customization		
Enable Automatic Guest Customization	Check to perform automatic guest customization	Boolean	
Pre Provisioning Custom Actions	Pre Provisioning Custom Actions		
Enable Pre Provisioning Custom Actions	Check to use a pre-provisioning workflow	Boolean	
Workflow	Choose the post-provisioning workflow	compoundWorkflow	
Post Provisioning Custom Actions	Post Provisioning Custom Actions		
Enable Post Provisioning Custom Actions	Check to use a post-provisioning workflow	Boolean	
Workflow	Choose the post-provisioning workflow	compoundWorkflow	
Virtual Storage Catalog	Provide the virtual storage catalog		
Enable Virtual Storage Catalog	Check to use a virtual storage catalog	Boolean	
Virtual Storage Catalog	Provide the virtual storage catalog	gen_text_input	
Cost Computation	Cost Computation		
Charge Duration	Choose the charge duration	CatalogChargeUnit	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter Inactive VM Application Cost	gen_text_input	
VM Life Cycle Configuration	VM Life Cycle Configuration		
Lease Time	Check to provide the lease time configuration	Boolean	
Days	Enter the lease days	gen_text_input	
Hours	Enter the lease hours	gen_text_input	
Hide end user lease configuration	Check to hide the lease configuration from end users	Boolean	

Input	Description	Mappable To Type	Mandatory
Hide end user VM provision later	Check to hide the VM provision-later option from end users	gen_text_input	
Web Access Configuration	Web Access Configuration		
Enable to allow users to access via Web browser	Check to allow users to access the catalog via web browser	Boolean	
URL	Enter URL	gen_text_input	
Label	Enter the label	gen_text_input	
Remote Desktop Access Configuration	Remote Desktop Access Configuration		
Enable to allow users to access via Remote Desktop	Check to allow users to access the catalog via remote desktop	Boolean	
Server	Enter the server	gen_text_input	
Port	Enter the port	gen_text_input	
Label	Enter the label	gen_text_input	
VMRC Console Configuration	VMRC Console Configuration		
Enable to allow users to access VMRC Console	Check to allow users to access the VMRC console	Boolean	

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	StandardCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

Delete Application Category

Summary

Delete an Application Category.

Description

This task deletes an Application Category in UCSD.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Category	Application Category	applicationCategory	Y

Outputs

No Outputs

Delete Catalog

Summary

Delete a catalog.

Description

This task deletes a catalog of any type.

Inputs

Input	Description	Mappable To Type	Mandatory
Catalog Name	Provide the catalog name to delete	gen_text_input	Y

Outputs

No Outputs

Delete CloudSense Report

Summary

Delete CloudSense Report

Description

This task deletes selected cloudsense report or report builder template's report.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Report Type	Choose the report type	CloudSenseReportType	Y

Outputs

No Outputs

Delete IP Subnet Pool Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet Pool Policy	Select IP Subnet Pool Policy	IPSubnetPoolPolicy	Y

Outputs

Output	Description	Type
IP_SUBNET_POOL_POLICY_NAME	Name of the IP Subnet Pool Policy Name on which the selected operation was performed	gen_text_input

Delete Workflow

Summary

Delete Orchestration Workflows.

Description

This task deletes one or more versions of one or more Orchestration Workflows. Inputs are a list of Workflow Version identities and a "Force" option. A Workflow Version identity represents a single version of a given workflow. All versions of all accessible workflows are available for selection in tabular form. Any combination of workflow-version tuples can be selected for deletion. It is important to remember that unique entries in the table are Workflow-Version pairs. To completely delete a given workflow, for example, you must choose all of its versions from the input table. Normally, the Delete Workflow task fails with an error if any of the Workflow Versions to be deleted are:

- Currently running,,
- Set to start on a Schedule,
- Set to start on a Trigger, or
- Part of a Catalog.

Choosing the Force option causes the Delete Workflow task to delete the chosen workflow-versions regardless of whether they are running or part of a Schedule, Trigger, or Catalog. Trying to use the Delete Workflow task to delete its containing workflow causes the task to fail.

Inputs

Input	Description	Mappable To Type	Mandatory
Workflow	Select Workflows To Delete	workflowVersionIdentity	Y
Force	Delete Workflows irrespective of policies	Boolean	

Outputs

Output	Description	Type
OUTPUT_WORKFLOW_NAMES	Workflow Names	gen_text_input
OUTPUT_WORKFLOW_IDS	Workflow IDs	gen_text_input

Delete Workflow Schedule

Summary

Delete one or more Workflow Schedules.

Description

This task deletes workflow schedules. Input is a list of one or more workflow schedule identifiers. Output includes the IDs and names of the deleted schedules and their associated workflows, plus a count of the schedules deleted. Deleting a workflow has no effect on schedules associated with that workflow, and deleting a workflow schedule has no effect on associated workflows, including already running workflows.

Inputs

Input	Description	Mappable To Type	Mandatory
Workflow Schedules	Workflow Schedules	workflowScheduleSelector	Y

Outputs

Output	Description	Type
OUTPUT_WORKFLOW_SCHEDULE_DETAIL_IDS	Workflow Schedule IDs	gen_text_input
OUTPUT_WORKFLOW_SCHEDULE_NAMES	Workflow Schedule Names	gen_text_input
OUTPUT_WORKFLOW_IDS	Workflow IDs	gen_text_input
OUTPUT_WORKFLOW_NAMES	Workflow Names	gen_text_input
OUTPUT_SCHEDULE_DELETE_COUNT	Deleted Schedule Count	gen_text_input

Email CloudSense Report

Summary

Email CloudSense Report

Description

This task sends notification mail with selected cloudSense report or report builder template's report.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Report Type	Choose the report type	CloudSenseReportType	Y
To	Enter one or more email addresses, separated by commas	gen_text_input	Y
Subject	Enter the mail subject	gen_text_input	Y
Format Type	Provide the report format type	gen_text_input	Y
Email Recently Generated Report	Check to email the recently generated report	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_REPORT_TYPE	CloudSense report type(CloudSense Report or Custom Report)	gen_text_input
OUTPUT_CLOUDSENSE_REPORT_NAME	CloudSense Report	gen_text_input
OUTPUT_CLOUDSENSE_REPORT_TITLE	CloudSense Report Generated	gen_text_input
OUTPUT_REPORT_BUILDER_TEMPLATE_NAME	Report Builder Template	gen_text_input
OUTPUT_REPORT_BUILDER_REPORT_TITLE	Custom Report Generated	gen_text_input

Enhanced SSH Command

Summary

Executes a command in an SSH session.

Description

This task establishes an SSH session and executes the given command.

Inputs

Input	Description	Mappable To Type	Mandatory
Account	Select this option to choose the Account added in UCSD		
Use Credential Policy	Select this option to choose the Credential Policy added in UCSD		
Credential Policy	Select Credential Policy	gen_text_input	
Host IP Address	Host IP Address	ipaddress	
Login	Login	gen_text_input	
Password	Password	password	
Command Delay	Delay time between each command execution	gen_text_input	
Disable Command Echo and Command Logging	If checked, commands executed through SSH are not logged in SR log nor echoed back	Boolean	
Check Exit Code	If unchecked all commands entered get executed in a single SSH session, else if checked one command is executed per SSH session.		
Command	SSH command with arguments to execute	gen_text_input	Y
Error Text	Error Text to validate		
Undo Command	SSH undo command with arguments to execute		
Error Text[Undo]	Error Text to validate		

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input

Execute Cloupia Script

Summary

Execute a script within a workflow.

Description

This task executes a script. You provide the script in the course of setting up the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Label	Cloupia script label		Y
Script	Cloupia script (JavaScript compatible)		Y
Undo Script	Undo Cloupia script (optional, JavaScript compatible)		

Outputs

No Outputs

Execute Generic API

Summary

Execute any JSON/XML based API via HTTP/HTTPS protocol within workflow.

Description

This task can be used to consume any JSON/XML based APIs by defining parameters as inputs/outputs. The user defined parameters become as a task input or mapped input. Outputs can be defined based on the response of JSON path/Xpath of each task. The Rollback API or workflow can be defined for each generic task.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Execute Native PowerShell Command

Summary

Execute a PowerShell command on a native shell.

Description

This task executes a PowerShell script natively on a Windows machine through PowerShell Agent. The Rollback Command/Script field is used to execute rollback commands. The Depth field specifies how many levels of contained objects are included in the output XML. PowerShell script variables must be escaped with a backslash '\'. Escaping is not required for UCSD variables like `${VMName}`. Escape a backslash with another backslash '\\. For example: `\$test=get-hostname & c:\\test\\test.ps1`

Inputs

Input	Description	Mappable To Type	Mandatory
Label	Enter a label for the task		Y
PowerShell Agent	Select a PowerShell agent	gen_text_input	Y
Hide Input in PSA, inframgr logs	Hide input scripts from the logs	gen_text_input	
Hide Output in PSA, inframgr logs	Hide script output from the logs	gen_text_input	
Commands/Script	Enter commands or a script. Maximum size is 65536 characters.	gen_text_input	Y
Commands/Rollback Script	Enter commands or a script. Maximum size is 65536 characters.	gen_text_input	
Output Format	Choose the output format of the PowerShell script		
Depth	Select a depth		Y
Maximum Wait Time	Select maximum wait time, in minutes, for the command to complete		Y

Outputs

Output	Description	Type
POWERSHELL_NATIVE_COMMAND_RESULT	PowerShell command result	gen_text_input
POWERSHELL_NATIVE_COMMAND_STATUS	PowerShell command status	gen_text_input

Execute PowerShell Command

Summary

Execute a PowerShell command.

Description

This task executes a PowerShell command on a remote Windows machine through PowerShell Agent. The Rollback Command/Script field is used to execute rollback commands. The Depth field specifies how many levels of contained objects are included in the output XML. PowerShell script variables must be escaped with a backslash '\'. Escaping is not required for UCSD variables like `${VMName}`. Escape a backslash with another backslash '\\'. For example: `\$test=get-hostname & c:\test\test.ps1`

Inputs

Input	Description	Mappable To Type	Mandatory
Label	Enter a label for the task		Y
PowerShell Agent	Select a PowerShell agent	gen_text_input	Y
Target Machine IP	Enter the IP Address of the target machine	gen_text_input	Y
User ID	Enter the user ID	gen_text_input	Y
Password	Enter the password	password	Y
Domain	Enter a domain	gen_text_input	
Authentication Mechanism	Select an authentication mechanism	powerShellAuthType Identity	
Hide Input in PSA, infrmgr logs	Check to hide input scripts from the logs	gen_text_input	
Hide Output in PSA, infrmgr logs	Check to hide script output from the logs	gen_text_input	
Commands/Script	Enter commands or a script. Maximum size is 65536 characters.	gen_text_input	Y
Commands/Rollback Script	Enter commands or a script. Maximum size is 65536 characters .	gen_text_input	
Output Format	Choose the output format of the PowerShell script		
Depth	Select a depth		
Select a maximum wait time	Max wait time for the command to complete in minutes		

Outputs

Output	Description	Type
POWERSHELL_COMMAND_RESULT	PowerShell command result	gen_text_input

Output	Description	Type
POWERSHELL_NATIVE_COMMAND_STATUS	PowerShell command status	gen_text_input

Fetch Generic Credential Policy

Summary

Retrieve the generic credential policy type and use as an input for other tasks.

Description

This task retrieves a generic credential policy. The generic credential policy type can be used in a workflow to fetch the credentials stored in a credential policy and map the individual credential parameters wherever applicable.

Inputs

Input	Description	Mappable To Type	Mandatory
Generic Credential Policy	Select generic credential policy	GenericCredPolicyType	Y

Outputs

Output	Description	Type
OUTPUT_GERENIC_CRED_POLICY_USERNAME	User Name	gen_text_input
OUTPUT_GERENIC_CRED_POLICY_PASSWORD	Password	password
OUTPUT_GERENIC_CRED_POLICY_PROTOCOL	Protocol	gen_text_input
OUTPUT_GERENIC_CRED_POLICY_PORT	Port	gen_text_input

Generate IP Subnet Pool From IP Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPool PolicyIdentity	
Number of Subnets Required	Number of Subnets Required		Y
Gateway Address	Gateway Address Index		

Outputs

Output	Description	Type
OUTPUT_IP_SUBNET_POOL_ POLICY_IDENTITY	IP Subnet Pool Policy Identity	IPSubnetPoolPolicy
OUTPUT_NETWORK_IP	Network IP	ipaddress
OUTPUT_NETWORK_MASK	Network Mask	ipaddress
OUTPUT_SUBNET_ID	Subnet ID	IpSubnetInIPSubnetPoolPolicy Identity
OUTPUT_SUBNETS	Subnet ID(s)	gen_text_input

Generate VLAN from pool

Summary

Generate a VLAN from a pool.

Description

This task generates a VLAN ID from the selected VLAN pool.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Pool Policy	Select VLAN pool policy.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VLAN_ID	VLAN ID	vlanID
OUTPUT_DATACENTER_NAME	Datacenter Name	datacenterName

Generate VXLAN from pool

Summary

Generate a VXLAN from a Pool.

Description

This task generates a VXLAN (Bridge-domain) from a VXLAN Pool Policy. Tracking can be done from the Global VXLAN Pool Usage.

Inputs

Input	Description	Mappable To Type	Mandatory
VXLAN Pool Policy	Select VXLAN pool policy.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VXLAN_ID	VXLAN ID	vxlanID
OUTPUT_DATACENTER_NAME	Datacenter Name	datacenterName

Get IP Address From IP Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	User Group	userGroup	
Container ID	Container ID	ServiceContainer	
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPoolPolicy Identity	
IP Subnet Label	IP Subnet Label	gen_text_input	

Outputs

Output	Description	Type
IPAddress	IPAddress	ipaddress
SubnetMask	SubnetMask	ipaddress
GateWayIP	GateWayIP	ipaddress
IP Address with Slash Subnet	IP Address with Slash Subnet	gen_text_input
SubnetMask Bitwise Value	SubnetMask Bitwise Value	gen_text_input
OUTPUT_USED_BY	Used By	gen_text_input
OUTPUT_SUBNET_MASK	Subnet Mask	subnetMask

Get IP Address From Pool

Summary

Return the resolved IP address from a selected IP Pool Policy.

Description

This task retrieves a Resolved IP address, along with subnet mask and gateway IP Address, from the selected IP Pool Policy Range.

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	User Group	userGroup	
Container ID	Container ID	ServiceContainer	
Select IP Pool	Select the IPPool to resolve IP Address	IPPoolPolicy	Y

Outputs

Output	Description	Type
IPAddress	IPAddress	gen_text_input
SubnetMask	SubnetMask	gen_text_input
GateWayIP	GateWayIP	gen_text_input

Get IP Subnet From IP Subnet Pool Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet Pool Policy	Select IP Subnet Pool Policy	IPSubnetPoolPolicy	Y
User Group ID	User Group	userGroup	
Container ID	Container ID	ServiceContainer	
IP Subnet Label	IP Subnet Label	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BROADCAST_IP	Broadcast IP	ipaddress
OUTPUT_GATEWAY_IP	Gateway IP	ipaddress
OUTPUT_NETWORK_IP	Network IP	ipaddress
OUTPUT_NETWORK_MASK	Network Mask	ipaddress
OUTPUT_SUBNET_POOL_ID	Subnet Pool ID	gen_text_input
OUTPUT_SUBNET_ID	Subnet ID	IpSubnetInIPSubnetPoolPolicyIdentity
OUTPUT_SUBNET_LABEL	Subnet Label	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_IP_SUBNET_POOL_POLICY_IDENTITY	IP Subnet Pool Policy Identity	IPSubnetPoolPolicy
OUTPUT_CONTAINER_ID	Container ID	ServiceContainer
OUTPUT_USED_BY	Used By	gen_text_input

Get IP Subnet From Parent IP Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPoolPolicy Identity	Y

Outputs

Output	Description	Type
OUTPUT_BROADCAST_IP	Broadcast IP	ipaddress
OUTPUT_GATEWAY_IP	Gateway IP	ipaddress
OUTPUT_NETWORK_IP	Network IP	ipaddress
OUTPUT_NETWORK_MASK	Network Mask	ipaddress
OUTPUT_SUBNET_POOL_ID	Subnet Pool ID	gen_text_input
OUTPUT_SUBNET_ID	Subnet ID	IpSubnetInIPSubnetPool PolicyIdentity

Get Tabular Report Column Value

Summary

Retrieves a value from the selected search column of a report in UCSD.

Description

This task retrieves a column value as output given a column index and a value in the report. Inputs to this task can be found in report metadata if the developer menu is enabled in UCSD.

Inputs

Input	Description	Mappable To Type	Mandatory
Report Context Type	Enter report context type.Only numeric values are allowed	gen_text_input	Y
Report Context ID	Enter report context id	gen_text_input	Y
Report ID	Enter api report id	gen_text_input	Y
Search Column	Enter the column index to be searched. Index starts from 1 considering hidden columns	gen_text_input	Y
Search Value	Enter the column value to be searched	gen_text_input	Y
Output Column	Enter the column index to be fetched. Index starts from 1 considering hidden columns	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_RETURN_STATUS_VALUE	Return Status Value.	gen_text_input
OUTPUT_COLUMN_VALUE	Selected Column Value.	gen_text_input

Guest Password Reset

Summary

Reset a guest password.

Description

This task resets a guest password.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Modify Standard Catalog

Summary

Modify a standard catalog.

Description

This task modifies a standard catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Select a catalog to modify	Choose a standard catalog to modify	StandardCatalog	Y
Catalog Description	Enter the catalog description	gen_text_input	
Catalog Type	Choose the catalog type	CatalogType	Y
Catalog Icon	Choose the catalog icon	StandardCatalog Icon	Y
Applied to all groups	Check to apply the catalog to all groups	Boolean	Y
User Group ID	Choose one or more user groups	userGroup	Y
Support Contact Email Address	Enter the support contact email address	gen_text_input	
Publish to end users	Check to publish the catalog to end users	Boolean	Y
Cloud Name	Choose the cloud name	CloudName	Y
Provision new VM for ISO mounting	Check to provision a new VM for ISO mounting	Boolean	
Provision new VM using Content Library VM Template	Check to provision a new VM using content library VM template	Boolean	Y
Provision all disks in single datastore	Check to provision all disks in a single datastore	Boolean	Y
Select Folder	Provide the catalog folder	gen_text_input	
Service Request Support Email	Service Request Support Email		
Configure Service Request Support Email	Check to configure the SR support email	Boolean	
Category	Choose the application category	ucsdApplication Category	Y
End user can override category	Check to provide an option for endusers to override the application category	Boolean	Y
Specify OS	Provide the OS	gen_text_input	
Specify Other OS	Enter the other OS	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Specify Applications	Provide one or more applications	gen_text_input	
Specify Other Applications	Enter the other applications	gen_text_input	
Application Code	Enter the application code	gen_text_input	
Credential Options	Provide the credential options	gen_text_input	
Automatic Guest Customization	Automatic Guest Customization		
Enable Automatic Guest Customization	Check to perform automatic guest customization	Boolean	
Pre Provisioning Custom Actions	Pre Provisioning Custom Actions		
Enable Pre Provisioning Custom Actions	Check to use a pre-provisioning workflow	Boolean	
Workflow	Choose the a post-provisioning workflow	compound Workflow	
Post Provisioning Custom Actions	Post Provisioning Custom Actions		
Enable Post Provisioning Custom Actions	Check to use a post-provisioning workflow	Boolean	
Workflow	Choose the a post-provisioning workflow	compound Workflow	
Virtual Storage Catalog	Provide the virtual storage catalog		
Enable Virtual Storage Catalog	Check to use a virtual storage catalog	Boolean	
Virtual Storage Catalog	Provide the virtual storage catalog	gen_text_input	
Cost Computation	Cost Computation		
Charge Duration	Choose the charge duration	CatalogChargeUnit	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter Inactive VM Application Cost	gen_text_input	
VM Life Cycle Configuration	VM Life Cycle Configuration		
Lease Time	Check to provide the lease time configuration	Boolean	
Days	Enter the lease days	gen_text_input	
Hours	Enter the lease hours	gen_text_input	
Hide end user lease configuration	Check to hide the lease configuration from end users	Boolean	
Hide end user VM provision later	Check to hide the VM provision-later option from end users	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Web Access Configuration	Web Access Configuration		
Enable to allow users to access via Web browser	Check to allow users to access the catalog via web browser	Boolean	
URL	Enter URL	gen_text_input	
Label	Enter the label	gen_text_input	
Remote Desktop Access Configuration	Remote Desktop Access Configuration		
Enable to allow users to access via Remote Desktop	Check to allow users to access the catalog via remote desktop	Boolean	
Server	Enter the server	gen_text_input	
Port	Enter the port	gen_text_input	
Label	Enter the label	gen_text_input	
VMRC Console Configuration	VMRC Console Configuration		
Enable to allow users to access VMRC Console	Check to allow users to access the VMRC console	Boolean	

Outputs

Output	Description	Type
CATALOG_ID	CATALOG ID	StandardCatalog
CATALOG_NAME	CATALOG NAME	gen_text_input

Modify Workflow Priority

Summary

Modify the workflow priority.

Description

This task modifies the workflow execution priority. High, medium, or low priorities can be assigned to a workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
Priority	Modify Workflow Priority		Y

Outputs

No Outputs

Multi User Approval

Summary

Request approval from one or more users or groups.

Description

This task requests approval from one or more users or groups. An approving user can be anyone who has an account on the UCS Director system. The task waits indefinitely until a user, or a user belongs to an approval group, approves or rejects the request. Inputs to the task include a flag that requires all users to approve the request. By default, only one of the users must approve the request in order to continue. If Approval required from all the users flag is set and groups are selected as approvers, then all users in all the groups must approve in order to continue. UCS Director sends an email requesting the approval of users or of users belongs to the approval group. The email includes request information, including the complete workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
When Disable Rollback is enabled, the approval task will not be run during service request rollback	When Disable Rollback is enabled, the approval task will not be run during request rollback		
Approval required from Groups	Check this option if approval is required from groups		
User Group ID	Choose one or more groups of users who must approve the request	userGroup	Y
User ID	Choose one or more users who must approve the request	cuic_multi_user_ID	Y
Approval required from all the users	Check this option if approval is required from all the users. Otherwise, any one user approval is enough.	Approval RequiredFromAll Users	
Number of Approval Request Reminders	Enter the number of reminder emails to be sent. Default is 0, which sends the reminder mail at the specified frequency until the request is approved or rejected.	resendMailCount	Y
Reminder Intervals (Hours)	Enter the time interval (in hours) to wait before sending the next approval request reminder email. Default is 24 hours.	reminderInterval	Y

Outputs

No Outputs

NetApp Cluster Resource Selector

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Size	Enter the size of Volume.	gen_text_input	Y
Volume Size Units	Select the Volume Size Units.	storageSizeUnit	
Server Name	Select Server	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity
OUTPUT_NETAPP_CLUSTER_AGGREGATE_IDENTITY	NetApp Cluster Aggregate Identity	aggregateClusterIdentity
OUTPUT_NETAPP_CLUSTER_VOLUME_SIZE	NetApp Cluster Volume Size	netAppVolSize
OUTPUT_NETAPP_CLUSTER_LUN_SIZE	NetApp Cluster LUN Size	gen_text_input
OUTPUT_VOLUME_SIZE_UNITS	NetApp Volume Size Units	sizeUnit
OUTPUT_HOST_VHBA1_ADAPTER_NAME	Host VHBA2 Adaptor Name(WWPN)	gen_text_input
OUTPUT_HOST_VHBA2_ADAPTER_NAME	Host VHBA2 Adaptor Name(WWPN)	gen_text_input

Notify URL

Summary

Notifies the specified URL.

Description

This task executes a GET or POST request on the specified URL. For example, this task can be used to post results of previous tasks to an URL or a Web service.

Inputs

Input	Description	Mappable To Type	Mandatory
URL	URL	gen_text_input	Y
Method	Method	gen_text_input	Y
Authentication Method	Authentication Method	gen_text_input	

Outputs

No Outputs

Parse PowerShell Output

Summary

Parses the output of Execute Powershell Command or Execute Native Powershell Command task

Description

The task is used to parse the output from Execute Powershell Command task or Execute Native Powershell Command task. The input to this task should be in JSON or XML format. For JSON data, it should be either a simple JSON data or a JSON array but it does not consider complex JSON data like array within an array. The output from this task will be key value pairs.

Inputs

Input	Description	Mappable To Type	Mandatory
Powershell Output	Powershell Output	gen_text_input	Y

Outputs

No Outputs

Release Reserved IP Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPoolPolicy Identity	Y

Outputs

No Outputs

Remove Capacity Reservation

Summary

Remove Capacity Reservation from User Group.

Description

This task allows user to remove reservation of an entity(ex: UCS-Server)from a particular User Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Reservation ID	Reservation ID	CapacityReservation	Y

Outputs

No Outputs

Remove IP Address Reservation

Summary

Remove an IPAddress Reservation.

Description

This task removes an IP address reservation.

Inputs

Input	Description	Mappable To Type	Mandatory
Reserved IPAddress	Select the reserved IP Address	gen_text_input	Y

Outputs

Output	Description	Type
IPAddress	IPAddress	ipaddress

Remove IP Subnet Pool From IP Subnet

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPoolPolicy Identity	

Outputs

No Outputs

Reserve Capacity

Summary

Reserve a entity (ex: UCS-Server) for a particular time to User Group.

Description

This task allows user to reserve a entity for (ex: UCS-Server) a particular time to User Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Type	Resource Type	gen_text_input	Y
Resource Identity	Resource Identity	gen_text_input	Y
Amount Allocated	Amount Allocated	gen_text_input	
Allocated Data	Allocated Data	gen_text_input	
Allocated to Group	Allocated to Group	gen_text_input	
Valid Until	Valid Until	date_time	
Comments	Comments	gen_text_input	Y

Outputs

No Outputs

Rollback Child Service Request

Summary

Roll back a workflow.

Description

This task rolls back a workflow. Input is the ID of the service to roll back.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Request ID	Select SR to rollback	gen_text_input	Y

Outputs

No Outputs

Rollback Execute Generic API

Summary

This is an internal task which cannot be used independently".

Description

This is an internal task which cannot be used independently".

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Select API IP	gen_text_input	
Port	Select API Port	gen_text_input	
API Path	Select API Path	gen_text_input	
Protocol	Protocol	gen_text_input	Y
HTTP Request Type	HTTP Request Type	gen_text_input	Y
HTTP Content Type	HTTP Content Type	gen_text_input	Y
Use Proxy	Select this option to use system proxy configuration		
Header Parameters	Add one or more Filter Criteria to filter out matching resources		
Use HTTP Basic Authentication	Select this option to pass HTTP basic authentication parameters during API call		
Username	Username	gen_text_input	Y
Password	Password	gen_text_input	Y
Request Template Content	Body Template Content	gen_text_input	

Outputs

No Outputs

SSH Command

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address	Host IP Address	ipaddress	Y
Login	Login	gen_text_input	Y
Password	Password	password	Y
Command	SSH command with arguments to execute	gen_text_input	Y
Error Text	Error Text to validate		
Undo Command	SSH undo command with arguments to execute		
Error Text[Undo]	Error Text to validate		

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input

Send Email

Summary

Send a notification email.

Description

This task sends email to a specified user after the task or workflow is completed. Email address, subject, and body of the mail are given as inputs. The output of this task is an email address.

Inputs

Input	Description	Mappable To Type	Mandatory
E-mail Addresses	Enter one or more email addresses, separated by commas	email_address_list	Y
Cc E-mail Addresses	Enter one or more Cc email addresses, separated by commas	email_address_list	
Bcc E-mail Addresses	Enter one or more Bcc email addresses, separated by commas	email_address_list	
Subject	Enter the subject. You can use template variables such as \$VM ID and \$VM NAME.		Y
Body	Enter the email body content. You can use template variables such as \$VM ID and \$VM NAME.		

Outputs

Output	Description	Type
EMAIL_ADDRESSES	Email Address of the user on which the selected operation was performed	email_address_list
Bcc_EMAIL_ADDRESSES	Bcc Email Address of the user on which the selected operation was performed	email_address_list
Cc_EMAIL_ADDRESSES	Cc Email Address of the user on which the selected operation was performed	email_address_list

Send Email Through Template

Summary

Send Email Through Template

Description

This task allows user to send an email from a template. (Note: We recommend using the user-defined custom email template to generate an email using this task.)

Inputs

Input	Description	Mappable To Type	Mandatory
E-mail Addresses	Enter one or more email addresses, separated by commas	email_address_list	Y
Cc E-mail Addresses	Enter one or more Cc email addresses, separated by commas	email_address_list	
Bcc E-mail Addresses	Enter one or more Bcc email addresses, separated by commas	email_address_list	
Subject	Enter the subject. You can use template variables such as \$VM ID and \$VM NAME.		Y
Select Email Template	Choose a email template		
Body	Enter the email body content. You can use template variables such as \$VM ID and \$VM NAME.		
Reset To Default	Check to reset the email subject and body to the default script		

Outputs

Output	Description	Type
EMAIL_ADDRESSES	Email Address of the user on which the selected operation was performed	email_address_list
Bcc_EMAIL_ADDRESSES	Bcc Email Address of the user on which the selected operation was performed	email_address_list
Cc_EMAIL_ADDRESSES	Cc Email Address of the user on which the selected operation was performed	email_address_list

Set the starting time for the next task

Summary

Set the start time for the next task.

Description

This task sets the time at which to start execution of the next task in the workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
Next task execution time	Set the starting time for the next task	date_time	Y

Outputs

No Outputs

Update Application Category

Summary

Modify an Application Category.

Description

This task modifies an Application Category in UCSD.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Category	Application Category	applicationCategory	Y
Category Label	Category Label	gen_text_input	Y
Category Code	Category Label	gen_text_input	
Category Description	Category Description	gen_text_input	
Category Enabled	Category Enabled	gen_text_input	
Default Smart Allocation Algorithm	Default Smart Allocation Algorithm	smartAllocationAlgorithm List	Y

Outputs

Output	Description	Type
CATEGORY_ID	Category ID	gen_text_input
CATEGORY_NAME	Category Name	gen_text_input

VMware VM Provision Inputs

Summary

Identify VMWare VM Provision Inputs.

Description

This task identifies inputs for provisioning a VM. The task provides the option to override the datastores selected for each disk. This task also provide option to configure optional NIC Port group, valid format is comma seperated values of[nic alias@Cloud Account@virtual switch name@(Virtual Machine Portgroup or Distributed Virtual Portgroup)@portgroup name.

Example:NIC2@VMware134@TestDVSwitch@Distributed Virtual

Portgroup@cdevTestA,NIC3@VMware134@vSwitch0@Virtual Machine Portgroup@axcz-pg-lan0

Inputs

Input	Description	Mappable To Type	Mandatory
Assign To User	Choosing this option will allow VM assignment to user	assignToUser	
User	VM will be assigned to this user	cuic_user_ID	
Catalog/ VM Selection	Catalog/ VM Selection		
VM Deployment Options	Select Deployment options to perform the action	vmCloneType	Y
Select Catalog	Select Catalog on which to perform the action	catalog	
Select VM	Select the VM to retrieve the properties	vm	
Image	Select the image.	image	
Use Linked Clone	Clone VM using linked clone feature	gen_text_input	
Customization Options	Customization Options		
Select Category	Select a vDC Category	vdcCategory	
Select Windows License Pool	Select Windows License Pool	windowsLicensePool	
Select Credential Options	Select Credential Options	credentialOptions	
Provision all disks in single datastore	Provision all disks in single datastore, the scope will be same as system disk scope	provisionAllDiskInSameDatastore	
Enable Guest Customization	Enable Guest Customization	EnableGuestCustomization	
Select Pre-Provision Workflow	Select Pre-Provision Workflow	customActionWorkflow	
Select Workflow	Select Custom Workflow	customActionWorkflow	

Input	Description	Mappable To Type	Mandatory
Select VM App Charge Frequency	Select VM App Charge Frequency	vmApplicationChargeFrequency	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter In Active VM Application Cost	gen_text_input	
Deployment Options	Deployment Options		
Select vDC	Select vDC on which to perform the action	vDC	Y
VM Name or VM Prefix	Enter VM Name or VM Prefix	gen_text_input	
Comment	Enter Comment	gen_text_input	
Provision	Enter Comment	provisionPeriod	
Provision Time	Provision Time	date_time	
Lease Time	Enter Comment	VMwarePowerOffVM	
Days	Enter Days	gen_text_input	
Hours	Enter Hours	gen_text_input	
Custom Specification	Custom Specification		
CPU Cores	CPU Cores	vCPUCount	
Cores Per Socket	Cores Per Socket	coresPerSocket	
Memory	Memory	memSizeMB	
Storage Tier	Storage Tier	storageTierPolicy	
VM Charge Frequency	Select the frequency of charging the VM	vmChargeFrequency	
Disk Datastores	Disk Datastores		
Override Datastore and Size		storagePolicyDiskDatastoreOverride	
VM Disks	Enter Disk Datastores in JSON Format	gen_text_input	
Optional NIC Portgroups	Disk Datastores		
VM Networks	option to configure Optional NIC Port Groups. Format is a comma separated values of[nic alias@Cloud Account@virtual switch name@(Virtual Machine Portgroup or Distributed Virtual Portgroup)@portgroup name].	gen_text_input	

Input	Description	Mappable To Type	Mandatory
VM NIC Configuration	Configure VM Nics	vmwareVmnics Configuration Formmanagedlist	
Override NIC IP		networkPolicy NICIPOverride	

Outputs

Output	Description	Type
OUTPUT_VDC_PRIMARY_APPROVERS	vDC Primary Approvers	cuic_user_ID
OUTPUT_VDC_SECONDARY_APPROVERS	vDC Secondary Approvers	cuic_user_ID
APPROVAL_REQUIRED_FROM_ALL_USERS	Approval required from all users	ApprovalRequiredFromAllUsers
OUTPUT_VDC_REMINDER_INTERVAL	Reminder Intervals (Hours)	reminderInterval
OUTPUT_VDC_RESEND_MAIL_COUNT	Number of Approval Request Reminders	resendMailCount

Wait For Service Requests

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Request IDs	Comma separated Service Request IDs	serviceRequestId List	Y
Max Wait Time	How long to wait for completion of SRs		Y
All SRs Must Succeed	Consider this task successful only if all SRs are successful		

Outputs

Output	Description	Type
COMPLETED_SR_ID_LIST	Service Request IDs that were completed	serviceRequestIdList
FAILED_SR_ID_LIST	Service Request IDs that were failed	serviceRequestIdList
TIMEDOUT_SR_ID_LIST	Service Request IDs that were timed out	serviceRequestIdList

Wait for Specified Duration

Summary

Wait for a fixed duration.

Description

This task waits for a number of seconds specified in its input.

Inputs

Input	Description	Mappable To Type	Mandatory
Duration	How long to wait before executing next task in the workflow	gen_text_input	Y

Outputs

No Outputs

Wait for User Approval

Summary

Request approval from a user or group.

Description

This task requests approval from either a user who has an account on the UCS Director system, or from any UCS Director group. The service request waits indefinitely until the user, or a user belonging to the approval group, approves or rejects the request. UCS Director sends an email requesting the approval of the user or user belonging to the approval group. The email contains information about the request, including the complete workflow. If Approval required from all the users flag is set and groups are selected as approvers, then all users in all the groups must approve in order to continue. The request email is based on an approval email template specified in the input. If no template is specified, a default approval email template is used. The email template body and subject can be further customized when the task is added to the workflow. Separate approvals can be required for approval of service request rollbacks using a separate, parallel set of system templates and task-level customizations.

Inputs

Input	Description	Mappable To Type	Mandatory
When Disable Rollback is enabled, the approval task will not be run during service request rollback	When Disable Rollback is enabled, the approval task will not be run during service request rollback		
Approval required from Groups	Check this option if approval is required from groups		
User Group ID	Choose one or more groups of users who must approve the request	userGroup	Y
User ID	Choose one or more users who must approve the request	cuic_user_ID	Y
Approval required from all the users	Check this option if approval is required from all the users. Otherwise, any one user approval is enough.	Approval Required FromAll Users	
Number of Approval Request Reminders	Enter the number of reminder emails to be sent. Default is 0, which sends the reminder mail at the specified frequency until the request is approved or rejected.	resendMail Count	Y
Reminder Intervals (Hours)	Enter the time interval (in hours) to wait before sending the next approval request reminder email. Default is 24 hours.	reminder Interval	Y
Use Approval email template	Check to use any approval email template other than the default template		
Select Email Template	Choose the email template		

Input	Description	Mappable To Type	Mandatory
Subject	Enter the subject. You can use template variables such as \$VM ID and \$VM NAME.		Y
Body	Enter the email body content. You can use template variables such as \$VM ID and \$VM NAME.		
Reset To Default	Check to reset the email subject and body to the default script		
Use Approval email template during Rollback	Check to use an approval email template other than the default template for rollback		
Select Email Template	Choose the email template		
Subject	Enter the subject. You can use template variables such as \$VM ID and \$VM NAME.		Y
Body	Enter the email body content. You can use template variables such as \$VM ID and \$VM NAME.		
Reset To Default	Check to reset the email subject and body to the default script		

Outputs

No Outputs



Generic Storage Tasks

This chapter contains the following sections:

- [Associate NFS Export as Datastore, on page 2068](#)
- [Associate Storage LUN as Datastore, on page 2070](#)
- [Execute Storage Device CLI, on page 2072](#)
- [Get Block Storage LUN Information, on page 2073](#)
- [Get Storage FC Port Information, on page 2074](#)
- [Storage Device Object Inventory, on page 2075](#)

Associate NFS Export as Datastore

Summary

Create an NFS Datastore from an NFS share on VMware hosts.

Description

This task creates an NFS datastore on VMware hosts. Host selection can be performed by selecting VMware clusters or hosts. If a VMware cluster is selected, datastores are created on all hosts mapped to the cluster. Task execution is based on success criteria that you select. NFS Export access is assumed to have been provided already for the hosts, otherwise an error message is displayed.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Account	Select Storage account	FileStorageAccountIdentity	Y
Datastore Name	Enter a new datastore name.	gen_text_input	
Create DataStore On	Select option to create Datastore on Cluster Level/Host Level	DataStoreCreationOption	Y
VMware Cluster(s)	Select a cluster to create datastore.	vmwareClusterIdentity	Y
VMware Host(s)	Select a hosts to create datastore.	vmwareHostNodeIdentity	Y
NFS Export	Select Storage NFS Export to create datastore	StorageNFSExportIdentity	Y
Access Mode	Select Access Mode	Datastore Access Mode	Y
VDC Name	Select vDC to assign storage policy.	vDC	
Success Criteria	Select an option from list to pass the task	MountDatastoreSuccess Criteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore Name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware Account Name.	vmwareAccountName
OUTPUT_VMWARE_DATASTORE_IDENTITY	VMware Datastore Identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	VMware Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_MULTI_HOST_IDENTITY	VMware Multi Host Identity	vmwareHostMultiSelect
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMware Cluster Identity	vmwareClusterIdentity

Output	Description	Type
OUTPUT_VMWARE_MULTI_CLUSTER_IDENTITY	VMware Multi Cluster Identity	vmwareMultiClusterIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	VMware Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	VMware Multi Datastore Identity	vmwareMultiDatastoreIdentity
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Associate Storage LUN as Datastore

Summary

Create a VMFS Datastore from a storage LUN on VMware hosts.

Description

This task creates a VMFS datastore on VMware hosts. Host selection can be performed by selecting VMware clusters or hosts. If a VMware cluster is selected, datastores are created on all hosts mapped to the cluster. The LUN path is scanned on both FC and iSCSI host initiators. Task execution is based on success criteria that you select. SAN Zoning and LUN mapping are assumed to have already occurred, otherwise an error message is displayed.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Account	Select Storage account	BlockStorageAccountIdentity	Y
Datastore Name	Enter a new datastore name.	gen_text_input	
Create DataStore On	Select option to create Datastore on Cluster Level/Host Level	DataStoreCreationOption	Y
VMware Cluster(s)	Select a cluster to create datastore.	vmwareClusterIdentity	Y
VMware Host(s)	Select a hosts to create datastore.	vmwareHostNodeIdentity	Y
Initiator Type	Select the type.	vmwareProtocolList	
Storage LUN	Select Storage LUN to create datastore	StorageLUNIdentity	Y
VDC Name	Select vDC to assign storage policy.	vDC_with_default	
Success Criteria	Select an option from list to pass the task	MountDatastoreSuccess Criteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore Name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware Account Name.	vmwareAccountName
OUTPUT_VMWARE_DATASTORE_IDENTITY	VMware Datastore Identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	VMware Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_MULTI_HOST_IDENTITY	VMware Multi Host Identity	vmwareHostMultiSelect

Output	Description	Type
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMware Cluster Identity	vmwareClusterIdentity
OUTPUT_VMWARE_MULTI_CLUSTER_IDENTITY	VMware Multi Cluster Identity	vmwareMultiClusterIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	VMware Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	VMware Multi Datastore Identity	vmwareMultiDatastoreIdentity
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Execute Storage Device CLI

Summary

Execute CLI commands on an SSH-based storage connector.

Description

This task executes CLI commands on a storage device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage System	Select Storage device System	storageAccountIdentity	Y
CLI Commands	Allows single CLI command to execute for each task	gen_text_input	Y
Expected Output	Expected Output	gen_text_input	
Undo CLI Commands	Undo CLI commands to execute on the device	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	Result from Executed CLI Command	gen_text_input

Get Block Storage LUN Information

Summary

Get the size and NAA ID of a LUN mapped to a host.

Description

This task fetches the network address authority (NAA) ID and size of the LUN mapped to one or more hosts.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Account	Select Storage account	BlockStorageAccountIdentity	Y
Storage LUN	Select Storage LUN to fetch information	StorageLUNIdentity	Y

Outputs

Output	Description	Type
OUTPUT_BLOCK_STORAGE_ACCOUNT_IDENTITY	Block Storage Account Identity	BlockStorageAccountIdentity
OUTPUT_BLOCK_STORAGE_LUN_IDENTITY	Storage LUN Identity	StorageLUNIdentity
OUTPUT_LUN_NAA_ID	LUN NAA ID	LunNaaId
OUTPUT_LUN_WWN	LUN WWN	gen_text_input
OUTPUT_LUN_SIZE_IN_GB	LUN Size in GB	gen_text_input

Get Storage FC Port Information

Summary

Fetch WWPN and WWN information for FC ports.

Description

This task retrieves world-wide port name (WWPN) and world-wide name (WWN) information for fibre channel (FC) ports. The task provides a maximum of eight WWPNs and WWNs through single output variables. If more than eight ports are selected, WWPN and WWN information is output as lists of comma-separated values. If there is no WWN information available for a selected FC Port, the respective output is returned empty.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage FC Port	Select FC Port to fetch information	GENERIC_FC_ADAPTER_LIST	Y

Outputs

Output	Description	Type
OUTPUT_FC_PORT_WWPN_1	FC Port WWPN 1	gen_text_input
OUTPUT_FC_PORT_WWPN_2	FC Port WWPN 2	gen_text_input
OUTPUT_FC_PORT_WWPN_3	FC Port WWPN 3	gen_text_input
OUTPUT_FC_PORT_WWPN_4	FC Port WWPN 4	gen_text_input
OUTPUT_FC_PORT_WWPN_5	FC Port WWPN 5	gen_text_input
OUTPUT_FC_PORT_WWPN_6	FC Port WWPN 6	gen_text_input
OUTPUT_FC_PORT_WWPN_7	FC Port WWPN 7	gen_text_input
OUTPUT_FC_PORT_WWPN_8	FC Port WWPN 8	gen_text_input
OUTPUT_FC_PORT_WWPN_LIST	FC Port WWPN List	gen_text_input
OUTPUT_FC_PORT_WWN_1	FC Port WWN 1	gen_text_input
OUTPUT_FC_PORT_WWN_2	FC Port WWN 2	gen_text_input
OUTPUT_FC_PORT_WWN_3	FC Port WWN 3	gen_text_input
OUTPUT_FC_PORT_WWN_4	FC Port WWN 4	gen_text_input
OUTPUT_FC_PORT_WWN_5	FC Port WWN 5	gen_text_input
OUTPUT_FC_PORT_WWN_6	FC Port WWN 6	gen_text_input
OUTPUT_FC_PORT_WWN_7	FC Port WWN 7	gen_text_input
OUTPUT_FC_PORT_WWN_8	FC Port WWN 8	gen_text_input
OUTPUT_FC_PORT_WWN_LIST	FC Port WWN List	gen_text_input

Storage Device Object Inventory

Summary

Run an inventory object on SSH-based storage connectors.

Description

This task executes an inventory for a storage device.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage System	Select Storage device System	storageAccountIdentity	Y
Select Inventory	Select Inventory	StorageInventoryObjectType	Y

Outputs

No Outputs



Generic VM Tasks

This chapter contains the following sections:

- [Modify VM Life Cycle, on page 2078](#)
- [Select VM Task, on page 2079](#)
- [VM Power Action, on page 2085](#)
- [VM SSH Command, on page 2086](#)

Modify VM Life Cycle

Summary

Modify a VM Life Cycle.

Description

This task modifies a VM's termination time.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to be deleted.	vm	Y
Set Termination Time	Select this to set a specific date and time for the termination.		Y
Termination Date/Time	VM will be terminated on the specified date/time.	date_time	Y

Outputs

No Outputs

Select VM Task

Summary

Retrieve properties of the selected VM.

Description

This task retrieves the properties of a VM for use elsewhere in a Workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to retrieve the properties	vm	Y

Outputs

Output	Description	Type
VM_Name	VM Name	gen_text_input
VM_ID	VM Id	vm
VM_CPU_Size	VM CPU Size	gen_text_input
VM_Cores_Per_CPU	VM Cores Per CPU	gen_text_input
VM_Memory_Size	VM Memory Size	gen_text_input
VM_Guest_Host Name	VM Guest Host Name	gen_text_input
VM_vCenter_Name	VM vCenter Account Name	gen_text_input
VM_Server_Address	VM vCenter Server Address	gen_text_input
VM_Datacenter_Name	VM Datacenter Name	datacenterName
VM_Datacenter_Identity	VM Datacenter Identity	gen_text_input
VM_Host	VM Host	gen_text_input
VM_Host_Identity	VM Host Identity	vmwareHostNodeIdentity
VM_Cluster_Name	VM Cluster Name	gen_text_input
VM_Cluster_Identity	VM Cluster Identity	vmwareClusterIdentity
VM_Resource_Pool_Name	VM Resource Pool Name	vmwareResourcePoolName
VM_Resource_Pool_Identity	VM Resource Pool Identity	vmwareResourcePoolIdentity
VM_Datastore	Datastore Name associated with the vm	vmwareDatastoreName
Datastore_Identity	VM Datastore Identity	vmwareDatastoreIdentity
Datastore_Info_Identity	VM Datastore Info Identity	gen_text_input
VM_Datastore_Cluster_Name	VM Datastore Cluster Name	vmwareDatastoreCluster Name

Output	Description	Type
VM_Datastore_Cluster_Identity	VM Datastore Cluster Identity	vmwareDatastoreClusterIdentity
VM_Disk_Count	Total Number of VM Disks	gen_text_input
Datastore_Name_Disk1	VM Disk 1 Datastore Name	dataStoreName
Datastore_Name_Disk2	VM Disk 2 Datastore Name	dataStoreName
Datastore_Name_Disk3	VM Disk 3 Datastore Name	dataStoreName
Datastore_Name_Disk4	VM Disk 4 Datastore Name	dataStoreName
Datastore_Name_Disk5	VM Disk 5 Datastore Name	dataStoreName
Datastore_Name_Disk6	VM Disk 6 Datastore Name	dataStoreName
Datastore_Name_Disk7	VM Disk 7 Datastore Name	dataStoreName
Datastore_Name_Disk8	VM Disk 8 Datastore Name	dataStoreName
Datastore_Name_Disk9	VM Disk 9 Datastore Name	dataStoreName
Datastore_Name_Disk10	VM Disk 10 Datastore Name	dataStoreName
Datastore_Identity_Disk1	VM Disk 1 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk2	VM Disk 2 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk3	VM Disk 3 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk4	VM Disk 4 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk5	VM Disk 5 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk6	VM Disk 6 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk7	VM Disk 7 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk8	VM Disk 8 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk9	VM Disk 9 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk10	VM Disk 10 Datastore Name	vmwareDatastoreIdentity
Datastore_Cluster_Name_Disk1	VM Disk 1 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk2	VM Disk 2 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk3	VM Disk 3 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk4	VM Disk 4 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk5	VM Disk 5 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk6	VM Disk 6 Datastore Cluster Name	vmwareDatastoreClusterName

Output	Description	Type
Datastore_Cluster_Name_Disk7	VM Disk 7 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk8	VM Disk 8 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk9	VM Disk 9 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk10	VM Disk 10 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Identity_Disk1	VM Disk 1 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk2	VM Disk 2 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk3	VM Disk 3 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk4	VM Disk 4 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk5	VM Disk 5 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk6	VM Disk 6 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk7	VM Disk 7 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk8	VM Disk 8 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk9	VM Disk 9 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk10	VM Disk 10 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
VM_Mac	Mac address associated with the vm	gen_text_input
VM_IPv4_Address	IPv4 address of the vm	gen_text_input
VM_IPv6_Address	IPv6 address of the vm	gen_text_input
VM_PortGroups	Port Groups associated with the vm	gen_text_input
VM_Nics_Count	Total Number of VM NICs	gen_text_input
VM_NIC1_MAC_ADDRESS	Mac address of the NIC1	gen_text_input
VM_NIC1_IPv4_ADDRESS	IPv4 address of the NIC1	gen_text_input
VM_NIC1_IPv6_ADDRESS	IPv6 address of the NIC1	gen_text_input
VM_NIC1_ADAPTER_NAME	Adapter name of NIC1	gen_text_input

Output	Description	Type
VM_NIC1_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	vmwareVmPortGroupIdentity
VM_NIC1_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	portGroupIdentity
VM_NIC1_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	VMwareDVPortgroupIdentity
VM_NIC1_PortGroup_Name	PortGroup Name of the NIC1	gen_text_input
VM_NIC1_PortGroup_Type	PortGroup Type of the NIC1	portGroupType
VM_NIC1_vSwitch_Name	vSwitch Name of the NIC1	vSwitchName
VM_NIC1_dvSwitch_Name	DV Switch Name of the NIC1	dvSwitchName
VM_NIC1_vSwitch_Identity	vSwitch Identity of the NIC1	vmwareVSwitchIdentity
VM_NIC1_dvSwitch_Identity	DV Switch Identity of the NIC1	VMwareDVSwitchIdentity
VM_NIC2_MAC_ADDRESS	Mac address of the NIC2	gen_text_input
VM_NIC2_IPv4_ADDRESS	IPv4 address of the NIC2	gen_text_input
VM_NIC2_IPv6_ADDRESS	IPv6 address of the NIC2	gen_text_input
VM_NIC2_ADAPTER_NAME	Adapter name of NIC2	gen_text_input
VM_NIC2_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	vmwareVmPortGroupIdentity
VM_NIC2_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	portGroupIdentity
VM_NIC2_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	VMwareDVPortgroupIdentity
VM_NIC2_PortGroup_Name	PortGroup Name of the NIC2	gen_text_input
VM_NIC2_PortGroup_Type	PortGroup Type of the NIC2	portGroupType
VM_NIC2_vSwitch_Name	vSwitch Name of the NIC2	vSwitchName
VM_NIC2_dvSwitch_Name	DV Switch Name of the NIC2	dvSwitchName
VM_NIC2_vSwitch_Identity	vSwitch Identity of the NIC2	vmwareVSwitchIdentity
VM_NIC2_dvSwitch_Identity	DV Switch Identity of the NIC2	VMwareDVSwitchIdentity
VM_NIC3_MAC_ADDRESS	Mac address of the NIC3	gen_text_input
VM_NIC3_IPv4_ADDRESS	IPv4 address of the NIC3	gen_text_input
VM_NIC3_IPv6_ADDRESS	IPv6 address of the NIC3	gen_text_input
VM_NIC3_ADAPTER_NAME	Adapter name of NIC3	gen_text_input
VM_NIC3_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	vmwareVmPortGroupIdentity

Output	Description	Type
VM_NIC3_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	portGroupIdentity
VM_NIC3_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	VMwareDVPortgroupIdentity
VM_NIC3_PortGroup_Name	PortGroup Name of the NIC3	gen_text_input
VM_NIC3_PortGroup_Type	PortGroup Type of the NIC3	portGroupType
VM_NIC3_vSwitch_Name	vSwitch Name of the NIC3	vSwitchName
VM_NIC3_dvSwitch_Name	DV Switch Name of the NIC3	dvSwitchName
VM_NIC3_vSwitch_Identity	vSwitch Identity of the NIC3	vmwareVSwitchIdentity
VM_NIC3_dvSwitch_Identity	DV Switch Identity of the NIC3	VMwareDVSwitchIdentity
VM_NIC4_MAC_ADDRESS	Mac address of the NIC4	gen_text_input
VM_NIC4_IPv4_ADDRESS	IPv4 address of the NIC4	gen_text_input
VM_NIC4_IPv6_ADDRESS	IPv6 address of the NIC4	gen_text_input
VM_NIC4_ADAPTER_NAME	Adapter name of NIC4	gen_text_input
VM_NIC4_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	vmwareVmPortGroupIdentity
VM_NIC4_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	portGroupIdentity
VM_NIC4_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	VMwareDVPortgroupIdentity
VM_NIC4_PortGroup_Name	PortGroup Name of the NIC4	gen_text_input
VM_NIC4_PortGroup_Type	PortGroup Type of the NIC4	portGroupType
VM_NIC4_vSwitch_Name	vSwitch Name of the NIC4	vSwitchName
VM_NIC4_dvSwitch_Name	DV Switch Name of the NIC4	dvSwitchName
VM_NIC4_vSwitch_Identity	vSwitch Identity of the NIC4	vmwareVSwitchIdentity
VM_NIC4_dvSwitch_Identity	DV Switch Identity of the NIC4	VMwareDVSwitchIdentity
VM_NIC5_MAC_ADDRESS	Mac address of the NIC5	gen_text_input
VM_NIC5_IPv4_ADDRESS	IPv4 address of the NIC5	gen_text_input
VM_NIC5_IPv6_ADDRESS	IPv6 address of the NIC5	gen_text_input
VM_NIC5_ADAPTER_NAME	Adapter name of NIC5	gen_text_input
VM_NIC5_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	vmwareVmPortGroupIdentity
VM_NIC5_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	portGroupIdentity

Output	Description	Type
VM_NIC5_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	VMwareDVPortgroupIdentity
VM_NIC5_PortGroup_Name	PortGroup Name of the NIC5	gen_text_input
VM_NIC5_PortGroup_Type	PortGroup Type of the NIC5	portGroupType
VM_NIC5_vSwitch_Name	vSwitch Name of the NIC5	vSwitchName
VM_NIC5_dvSwitch_Name	DV Switch Name of the NIC5	dvSwitchName
VM_NIC5_vSwitch_Identity	vSwitch Identity of the NIC5	vmwareVSwitchIdentity
VM_NIC5_dvSwitch_Identity	DV Switch Identity of the NIC5	VMwareDVSwitchIdentity
VM_NIC6_MAC_ADDRESS	Mac address of the NIC6	gen_text_input
VM_NIC6_IPv4_ADDRESS	IPv4 address of the NIC6	gen_text_input
VM_NIC6_IPv6_ADDRESS	IPv6 address of the NIC6	gen_text_input
VM_NIC6_ADAPTER_NAME	Adapter name of NIC6	gen_text_input
VM_NIC6_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	vmwareVmPortGroupIdentity
VM_NIC6_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	portGroupIdentity
VM_NIC6_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	VMwareDVPortgroupIdentity
VM_NIC6_PortGroup_Name	PortGroup Name of the NIC6	gen_text_input
VM_NIC6_PortGroup_Type	PortGroup Type of the NIC6	portGroupType
VM_NIC6_vSwitch_Name	vSwitch Name of the NIC6	vSwitchName
VM_NIC6_dvSwitch_Name	DV Switch Name of the NIC6	dvSwitchName
VM_NIC6_vSwitch_Identity	vSwitch Identity of the NIC6	vmwareVSwitchIdentity
VM_NIC6_dvSwitch_Identity	DV Switch Identity of the NIC6	VMwareDVSwitchIdentity

VM Power Action

Summary

Perform a power action on the VM instance.

Description

This task performs power actions on a VM instance, including Power On or Off, Reboot, Delete VM, and Shutdown Guest.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the on which to perform the action	vm	Y
VM Action	VM Action		Y

Outputs

No Outputs

VM SSH Command

Summary

Use a secure shell (ssh) to run a command on a VM or host.

Description

This task logs into a VM instance or host using ssh and runs a command. Inputs are the Host IP Address, login, password, and a command. Only one command is allowed per task.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the SSH action	vm	Y
Login	Login	gen_text_input	Y
Password	Password	password	Y
Disable Command Echo and Command Logging	If checked, commands executed through SSH are not logged in SR log nor echoed back	Boolean	
Command	SSH command with arguments to execute		Y

Outputs

No Outputs



HP OA Tasks

This chapter contains the following sections:

- [HP OA Resolve Network Address, on page 2088](#)
- [Modify HP OA Boot Order, on page 2089](#)
- [Modify HP OA One Time Boot Order, on page 2090](#)
- [Power Off HP OA Blades, on page 2091](#)
- [Power On HP OA Blades, on page 2092](#)
- [Reboot HP OA Blades, on page 2093](#)

HP OA Resolve Network Address

Summary

HP OA Resolve Network Address

Description

This task is used to resolve network address of a particular bay.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeResolveNetworkAddressIdentity	Y

Outputs

Output	Description	Type
OUTPUT_BAY_NIC_IDENTITY	Blade NIC Identity	hpOAAllInstalledBladeResolveNetworkAddressIdentity
OUTPUT_BAY_NETWORK_ADDRESS	Bay Network Address.	gen_text_input

Modify HP OA Boot Order

Summary

Modify HP OA Boot Order

Description

This task is used to modify the boot order of particular bay(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeListIdentity	Y
Select Boot Order	Choose a one-time boot order	hpOABootOrder	Y

Outputs

Output	Description	Type
OUTPUT_BAY_IDENTITY	Bay Identity	hpOAAllInstalledBladeListIdentity
OUTPUT_BOOT_ORDER	Boot Order	hpOABootOrder

Modify HP OA One Time Boot Order

Summary

Modify HP OA One Time Boot Order

Description

This task is used to modify one time boot order of particular bay(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeList Identity	Y
Select Boot Order	Choose a one-time boot order	hpOABootOrder	Y

Outputs

Output	Description	Type
OUTPUT_BAY_INDENTITY	Bay Identity	hpOAAllInstalledBladeListIdentity
OUTPUT_BOOT_ORDER	Boot Order	hpOABootOrder

Power Off HP OA Blades

Summary

Power Off HP OA Blades

Description

This task is used to power off particular bay(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeList Identity	Y
Force	Check to force power off HP OA blades		

Outputs

Output	Description	Type
OUTPUT_BAY_IDENTITY	Bay Identity	hpOAAllInstalledBladeList Identity
OUTPUT_BAY_POWER_STATUS	Power Status	hpOAPowerStatus

Power On HP OA Blades

Summary

Power On HP OA Blades

Description

This task is used to power on particular bay(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeList Identity	Y
Select Boot Order	Choose a one-time boot order	hpOABootOrder	

Outputs

Output	Description	Type
OUTPUT_BAY_IDENTITY	Bay Identity	hpOAAllInstalledBladeList Identity
OUTPUT_BAY_POWER_STATUS	Power Status	hpOAPowerStatus
OUTPUT_BOOT_ORDER	Boot Order	hpOABootOrder

Reboot HP OA Blades

Summary

Reboot HP OA Blades

Description

This task is used to reboot particular bay(s).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bay	Choose the bay	hpOAAllInstalledBladeList Identity	Y
Select Boot Order	Choose a one-time boot order	hpOABootOrder	
Force	Check to reboot HP OA blades		

Outputs

Output	Description	Type
OUTPUT_BAY_IDENTITY	Bay Identity	hpOAAllInstalledBladeList Identity
OUTPUT_BAY_POWER_STATUS	Power Status	hpOAPowerStatus
OUTPUT_BOOT_ORDER	Boot Order	hpOABootOrder



HP Server Tasks

This chapter contains the following sections:

- [Boot HP Server, on page 2096](#)
- [Enable Auto Power On for HP Server, on page 2097](#)
- [Press HP Server Power Button, on page 2098](#)
- [Reset HP Server, on page 2099](#)
- [Resolve HP ILO Network Address, on page 2100](#)
- [Set HP Server Boot Source, on page 2101](#)
- [Set HP Server Power Saver Mode, on page 2102](#)
- [Toggle HP Server Power, on page 2103](#)

Boot HP Server

Summary

Boot the HP Server

Description

This task allows user to COLD / WARM Boot the HP server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the server to boot	hpServerIdentity	Y
Boot Mode	Choose a boot mode	hpServerBootIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Enable Auto Power On for HP Server

Summary

Set the Auto Power On Delay

Description

This task allows user Enable or Disable the Auto Power On. Selection of Power On Delay will enable and set the new value for the delay.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server for which to enable auto power-on.	hpServerIdentity	Y
Type	Choose an auto power type	hpServerAutoPowerSaver Identity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Press HP Server Power Button

Summary

Press the power button in the HP Server

Description

This task allows user press or perss and hold power button. If the ACPI-aware operating system configured with any power button related action then it will be executed.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server	hpServerIdentity	Y
Hold	Check this option to press and hold the power button		

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Reset HP Server

Summary

Reset the HP Server

Description

This task allows user reset the HP server. This script will NOT attempt to gracefully shutdown the host operating system before it powers off the server.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server	hpServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Resolve HP ILO Network Address

Summary

HP ILO Resolve Network Address

Description

This task allows user to resolve MAC address for the selected server NIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Server NIC	Choose the HP server NIC	hpServerNicIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_NIC_IDENTITY	Identity of the HP Server NICs	hpServerNicIdentity
OUTPUT_MAC_ADDRESS	HP ILO Server NIC's MAC Address	hpServerNicMacAddress

Set HP Server Boot Source

Summary

Boot source to boot from for HP Server

Description

This task allows user to set the boot Mode for the HP Server. The selected mode will get higher priority.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server boot source	hpServerIdentity	Y
Source	Choose a boot source	hpServerBootSourceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Set HP Server Power Saver Mode

Summary

Power Saver Mode for HP Server

Description

This task allows user to set the Power Saver Mode for the HP Server. Auto mode make the power saver controlled by the OS.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server to power on	hpServerIdentity	Y
Change Mode	Choose a power mode	hpServerPowerSaverIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity

Toggle HP Server Power

Summary

Power ON or Power OFF the HP Server

Description

This task allows user to Power On or Power off the HP server. A graceful shutdown will be attempted for ACPI-aware operating systems configured to support graceful shutdown.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the HP server	hpServerIdentity	Y
Power	Choose the power on	hpServerOnOffIdentiry	Y

Outputs

Output	Description	Type
OUTPUT_HP_SERVER_IDENTITY	Identity of the HP Server	hpServerIdentity



Hadoop Container Tasks

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Add Bare Metal Node Process Input

Summary

Add Baremetal Node Process Input

Description

Add Baremetal Node Process Input

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
New Host Name	New Host Name	gen_text_input	
UCSM SP Template	UCSM SP Template	ucsmsptemplate	Y
Enter Eth0 IP	Enter Eth0 IP	ipPool	Y
Enter Eth1 IP	Enter Eth1 IP	ipPool	Y
Enter Eth2 IP	Enter Eth2 IP	ipPool	Y
Enter Eth3 IP	Enter Eth3 IP	ipPool	Y
Node Count	Node Count	gen_text_input	Y
Cluster SetupID	ClusterSetupID	gen_text_input	Y
Lan Boot Policy	New Host Name	ucsBootPolicyIdentity	
Local Boot Policy	New Host Name	ucsBootPolicyIdentity	

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input
OUTPUT_DATA_NODES	List of Data Nodes	gen_text_input
OUTPUT_HOST_NAMES	New Host Names	gen_text_input
OUTPUT_MGMT_IPS	MGMT IPs	gen_text_input
OUTPUT_DATA_IPS	DATA IPs	gen_text_input
OUTPUT_HDFS_IPS	HDFS IPs	gen_text_input
OUTPUT_PXE_IPS	PXE IPs	gen_text_input
OUTPUT_SP_NAME	New SP Name	gen_text_input
OUTPUT_LAN_BOOT_POLICY_IDENTITY	LAN Boot Policy Identity	ucsBootPolicyIdentity

Output	Description	Type
OUTPUT_LOCAL_BOOT_POLICY_IDENTITY	Local Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_HADOOP_CLUSTER_MGMT_SUBNET_MASK	Hadoop Cluster Mgmt Network Subnet Mask	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_GATEWAY	Cluster Mgmt GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_PXE_SUBNET_MASK	Hadoop Cluster PXE Subnet Mask	gen_text_input
OUTPUT_HADOOP_CLUSTER_PXE_GATEWAY_IP	Cluster PXE GatewayIP	gen_text_input
OUTPUT_UCSM_SP_TEMPLATE_NAME	PXE IPs	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_GATEWAY_IP	Cluster DATA GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_HDFS_GATEWAY_IP	Cluster HDFS GatewayIP	gen_text_input
OUTPUT_ADMIN_NODE_NAME	Admin Node Name	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_CONTROL_NODES	List of Control Nodes(MapR)	gen_text_input
OUTPUT_ZOOKEEPER_NODES	List of Zookeeper Nodes(MapR)	gen_text_input

Add Big Data Hadoop account

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name		Y
Account Type	Big Data Account Type		Y
Management Console IP	IP Address of Management Console		Y
SSH (root) Password	Password	password	Y
Confirm Password	Re Enter Password	password	Y
Hadoop Manager Password	Hadoop Manager Password	password	Y
Confirm Password1	Re Enter Password	password	Y

Outputs

No Outputs

Add Bigdata IP Pools

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
IP Pool Name	Enter IP Pool name		Y
Description	IP Pool description		
Assignment Order	Select Assignment Order		
Static IP Pool			Y
Subnet Mask			Y
Default Gateway	Enter default gateway address		
Primary DNS	Enter Primary DNS		
Secondary DNS	Enter Secondary DNS		

Outputs

No Outputs

Add Live Node Process Input

Summary

Add Live Node Process Input

Description

Add Live Node Process Input

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Host Management IPV4 Address	Host Management IPV4 Address	gen_text_input	Y
SSH Password(root)	SSH Password(root)	password	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input
OUTPUT_HOST_NAMES	New Host Names	gen_text_input
OUTPUT_DATA_IPS	DATA IPs	gen_text_input
OUTPUT_ADMIN_NODE_NAME	Admin Node Name	gen_text_input

Add Live Node SSH Command Generator

Summary

Add Live Node SSH Command Generator

Description

Add Live Node SSH Command Generator

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
MGMT IP		gen_text_input	Y
DATA IP		gen_text_input	Y
Host Name		gen_text_input	Y
Admin Node MGMT IP		gen_text_input	Y
Admin Node Host Name		gen_text_input	Y
NameNode Host Name		gen_text_input	Y
SSH User Name		gen_text_input	Y
(New Node)SSH Password		password	Y
Admin Console Password		password	Y
Cluster Setup Env ID		gen_text_input	
OS Version	Select OS Version	hadoopClusterOsType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManagerSoftwareVersionType	Y
(Admin Node)SSH Password	Password	password	Y
Cluster Name		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input
OUTPUT_ADMIN_NODE_SCRIPT	Admin Node Script	gen_text_input
OUTPUT_CLOUDERA_INSTALL_SCRIPT	Cloudera Install Script	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input

Add Live Node SSH Command Generator for MapR

Summary

Add Live Node SSH Command Generator for MapR

Description

Add Live Node SSH Command Generator for MapR

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
MGMT IP		gen_text_input	Y
DATA IP		gen_text_input	Y
Host Name		gen_text_input	Y
Admin Node MGMT IP		gen_text_input	Y
Admin Node Host Name		gen_text_input	Y
SSH User Name		gen_text_input	Y
(New Node)SSH Password		password	Y
(Admin Node)SSH Password	Password	password	Y
Admin Console Password		password	Y
Cluster Setup Env ID		gen_text_input	
OS Version	Select OS Version	hadoopClusterOsType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManagerSoftwareVersionType	Y
Control Nodes		gen_text_input	Y
Zookeeper Nodes		gen_text_input	Y
Resource Manager Nodes		gen_text_input	Y
History Server Nodes		gen_text_input	Y
Cluster Name		gen_text_input	Y
Hadoop Template Name		gen_text_input	Y
Node Type	Select node type	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input
OUTPUT_ADMIN_NODE_SCRIPT	Admin Node Script	gen_text_input

Output	Description	Type
OUTPUT_CLOUDERA_INSTALL_SCRIPT	Cloudera Install Script	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input

Add Live Nodes

Summary

Add Batch Nodes

Description

This task allows user to Add Batch Nodes.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
Method Name	Method Name	gen_text_input	Y
Begin IP	Begin IP	gen_text_input	Y
End IP	End IP	gen_text_input	Y
User Name	User Name	gen_text_input	Y
Password	Password	password	Y

Outputs

No Outputs

Add New Service Cloudera

Summary

Add New Service Cloudera

Description

Add New Service with specific user input for a cloudera distribution

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Service Type	Service Type like KAFKA,IMPALA	gen_text_input	Y
Dependent Services	comma separated dependent services like zookeeper,hdfs	gen_text_input	Y
Role Assignment Pairs	Role and Hostname Pairs as in KAFKA_BORKER:hostname1,KAFKA_MIRRORMAKER:hostname2	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_NEW_SERVICE_NAME	Newly Created Service Name	gen_text_input

Add New Service Hortonworks

Summary

Add New Service Hortonworks

Description

Add New Service with specific user input for a Hortonworks distribution

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Service Type	Service Type like KAFKA,IMPALA	gen_text_input	Y
Role Assignment Pairs	Role and Hostname Pairs as in KAFKA_BORKER:hostname1,KAFKA_MIRRORMAKER:hostname2	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_NEW_SERVICE_NAME	Newly Created Service Name	gen_text_input

Add New Service MapR

Summary

Add New Service MapR

Description

Add New Service with specific user input for a MapR distribution

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Role Assignment Pairs	Role and Hostname Pairs as in KAFKA_BORKER:hostname1,KAFKA_MIRRORMAKER:hostname*	gen_text_input	Y

Outputs

No Outputs

Add Node

Summary

Add Node

Description

This task allows user to Add Node to Hadoop Cluster .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
Host Name	Host Name	gen_text_input	
Rack Name	Rack Name	gen_text_input	
Install Only Client Roles		Boolean	

Outputs

No Outputs

Add Node SSH Command Generator

Summary

Add Node SSH Command Generator

Description

Add Node SSH Command Generator

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
MAC Address (eth1)		gen_text_input	Y
MAC Address (eth2)		gen_text_input	Y
MAC Address (eth3)		gen_text_input	Y
MGMT Gateway IP		gen_text_input	Y
DATA Gateway IP		gen_text_input	Y
HDFS Gateway IP		gen_text_input	Y
PXE Gateway IP		gen_text_input	Y
MGMT IP		gen_text_input	Y
DATA IP		gen_text_input	Y
HDFS IP		gen_text_input	Y
PXE IP		gen_text_input	Y
Host Name		gen_text_input	Y
Admin Node MGMT IP		gen_text_input	Y
Admin Node Host Name		gen_text_input	Y
NameNode Host Name		gen_text_input	Y
User Name		gen_text_input	Y
Password		password	Y
Admin Console Password		password	Y
Cluster Setup Env ID		gen_text_input	
OS Version	Select OS Version	hadoopClusterOsType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManagerSoftwareVersionType	Y
Cluster Name		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_POST_PXE_HADOOP_CLUSTER_NODES_INTERFACE_CONFIG_SCRIPT	Post PXE Interface Configuration script for hadoop cluster nodes	gen_text_input
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input
OUTPUT_ADMIN_NODE_SCRIPT	Admin Node Script	gen_text_input
OUTPUT_CLOUDERA_INSTALL_SCRIPT	Cloudera Install Script	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input
OUTPUT_INSTALL_MEGARAID_DRIVERS_SCRIPT	Install Megaraid Drivers script	gen_text_input

Add Node SSH Command Generator for MapR

Summary

Add Node SSH Command Generator for MapR

Description

Add Node SSH Command Generator

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
MAC Address (eth1)		gen_text_input	Y
MAC Address (eth2)		gen_text_input	Y
MAC Address (eth3)		gen_text_input	Y
MGMT Gateway IP		gen_text_input	Y
DATA Gateway IP		gen_text_input	Y
HDFS Gateway IP		gen_text_input	Y
PXE Gateway IP		gen_text_input	Y
MGMT IP		gen_text_input	Y
DATA IP		gen_text_input	Y
HDFS IP		gen_text_input	Y
PXE IP		gen_text_input	Y
Host Name		gen_text_input	Y
Admin Node MGMT IP		gen_text_input	Y
Admin Node Host Name		gen_text_input	Y
NameNode Host Name		gen_text_input	Y
User Name		gen_text_input	Y
Password		password	Y
Admin Console Password		password	Y
Cluster Setup Env ID		gen_text_input	
OS Version	Select OS Version	hadoopClusterOsType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManagerSoftwareVersionType	Y
Control Nodes		gen_text_input	Y
Zookeeper Nodes		gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Cluster Name		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_POST_PXE_HADOOP_CLUSTER_NODES_INTERFACE_CONFIG_SCRIPT	Post PXE Interface Configuration script for hadoop cluster nodes	gen_text_input
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input
OUTPUT_ADMIN_NODE_SCRIPT	Admin Node Script	gen_text_input
OUTPUT_CLOUDERA_INSTALL_SCRIPT	Cloudera Install Script	gen_text_input
OUTPUT_PRIMARY_NAME_NODE	Primary Name Node	gen_text_input
OUTPUT_INSTALL_MEGARAID_DRIVERS_SCRIPT	Install Megaraid Drivers script	gen_text_input

Add Node To Cluster

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	
Method Name	Method Name	gen_text_input	Y
Host Name	Host Name	gen_text_input	Y
Rack Name	Rack Name	gen_text_input	Y
User Name	User Name	gen_text_input	Y
Password	Password	password	Y

Outputs

No Outputs

Add Role

Summary

Add Role

Description

This task allows user to Add Role to Hadoop Cluster .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	Y
Role Type	Role Type	gen_text_input	Y
Node Name	Node Name	gen_text_input	Y
Role Name	Role Name	gen_text_input	Y

Outputs

No Outputs

Add Splunk account

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name		Y
Management Console IP	IP Address of Management Console		Y
SSH (root) Password	Password	password	Y
Confirm Password	Re Enter Password	password	Y
Monitoring Console Protocol	Monitoring Console Protocol		Y
Monitoring Console Port Number	Monitoring Console Port Number		Y
Splunk Manager Password	Splunk Manager Password	password	Y
Confirm Password	Re Enter Password	password	Y

Outputs

No Outputs

Add external DB

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
DataBase Configuration Profile Name	DataBase Name		Y
DataBase Type	Select DataBase Type		Y
Server Name	ServiceName		Y
Port	DataBase Port		Y
User Name/SID	DataBase UserName		Y
Password	DataBase Password	password	Y
Cofirm Password	DataBase Password	password	Y

Outputs

No Outputs

Assign Bare Metal SR ID

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Host Name	Host Name	gen_text_input	Y

Outputs

No Outputs

Assign Big Data Account to Group

Summary

Assign Big Data Account to Group

Description

Assign Big Data Account to Group

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Type	Select Account Type	bigdataAccountType	Y
Select Hadoop Account	Select Hadoop Account	hadoopBigDataAccount Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to big data account.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BIGDATA_ACCOUNT_TYPE_FLAVOR	Account Type(hadoop/splunk)	bigdataAccountType
OUTPUT_SPLUNK_ACCOUNT	Splunk Account	splunkaccountIdentity
OUTPUT_HADOOP_ACCOUNT	Hadoop Account	hadoopBigDataAccount Identity

Assign IP Status

Summary

Assign IP Status

Description

Assign IP Status.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
IP Address	IP Address	gen_text_input	Y

Outputs

No Outputs

Assign Rack

Summary

Assign Rack

Description

Custom SSH Command.

Inputs

Input	Description	Mappable To Type	Mandatory
Do you want to Assign Node to the below rack?	Do you want to Assign Node to the below rack		Y
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Host Name	Host Name	gen_text_input	
Rack Name	Rack Name	gen_text_input	

Outputs

No Outputs

Assign ServerIdentity

Summary

Assign ServerIdentity

Description

Assign ServerIdentity.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Server Identity	ServerIdentity	gen_text_input	Y
Host Name	Host Name	gen_text_input	Y
UCS Service Profile Template	UCS Service Profile Template	gen_text_input	Y

Outputs

No Outputs

Authenticate MapR cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name		Y

Outputs

No Outputs

Bare Metal Add On Script

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
ServiceProfileIdentity	serviceProfileIdentity	gen_text_input	Y
NodeNameToAdd	nodeNameToAdd	gen_text_input	Y
No of consecutive Bare Metal workflow execution in a block	No of concurrent Bare Metal workflow execution	gen_text_input	Y
Time Gap (milliseconds) between consequitive Bare Metal workflows	Time Gap (milliseconds) between consequitive Bare Metal workflows	gen_text_input	Y
Time Gap (milliseconds) between two sets of Bare Metal execution block	Time Gap (milliseconds) between two sets of Bare Metal execution block	gen_text_input	Y
Time Gap (milliseconds) to check status of Bare Metal workflows	Time Gap (milliseconds) to check status of Bare Metal workflows	gen_text_input	Y
Organization	Organization name under which to create Service Profile	ucsOrganization Identity	Y
Node Count	Node Count	gen_text_input	Y
Host Node Prefix	Host Node Prefix	gen_text_input	Y
LAN Boot Identity	LAN Boot Identity	gen_text_input	Y
Local Boot Identity	Local Boot Identity	gen_text_input	Y
UCS Service Profile Template Name	UCS Service Profile Template Name	gen_text_input	Y
SSH Username	SSH Username	gen_text_input	Y
SSH Password	SSH Password	password	Y
POST PXE Command	POST PXE Command	gen_text_input	Y
Workflow Name	Workflow Name	gen_text_input	Y
Service Profile Prefix	Service Profile Prefix	gen_text_input	Y
Cluster Management IPs	Cluster Management IPs	gen_text_input	Y
Cluster Management Subnet IP	Cluster Management Subnet IP	gen_text_input	Y
Cluster Management GateWay IP	Cluster Management GateWay IP	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
PXE IPs	PXE IPs	gen_text_input	Y
PXE Gateway IP	PXE Gateway IP	gen_text_input	Y
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input

Bigdata Check configuration

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name		Y

Outputs

No Outputs

Bigdata Inventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Type	Select Account Type	bigdataAccountType	Y
Select Hadoop Account	Select Hadoop Account	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

Bind/Unbind vNIC Template

Summary

Bind/Unbind vNIC Template

Description

Bind/Unbind vNIC Template

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC	Select the vNIC to add VLAN	ucsServiceProfilevNICIdentity	Y
VNIC Template	Select vNIC Template	UcsVNICTemplateIdentity	
Select action type [Unbind / Rebind]	Select action type [Unbind / Rebind]	gen_text_input	

Outputs

No Outputs

Change Maintenance Policy for UCS SP Template

Summary

Change Maintenance Policy for UCS SP Template

Description

Change Maintenance Policy for UCS SP Template

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Select UCS Service Profile Template	ucsServiceProfileTemplate Identity	Y
Maintenance Policy	Select Maintenance Policy to Change.	UcsMaintenancePolicyIdentity	Y

Outputs

Output	Description	Type
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplate Identity
OUTPUT_UCS_MAINTENANCE_POLICY_IDENTITY	UCS Maintenance Policy Identity.	UcsMaintenancePolicy Identity
OUTPUT_PREVIOUS_UCS_MAINTENANCE_POLICY_IDENTITY	Previous UCS Maintenance Policy Identity.	UcsMaintenancePolicy Identity

Cleanup Hadoop Cluster Env

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_NETWORK_IPS	Hadoop Cluster Mgmt Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_SUBNET_MASK	Hadoop Cluster Mgmt Network Subnet Mask	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_GATEWAY	Cluster Mgmt GatewayIP	gen_text_input
OUTPUT_HADOOP_DISTRIBUTION_INSTALL_SCRIPT	Script for hadoop distribution and other third party software installation	gen_text_input
OUTPUT_POST_PXE_HADOOP_CLUSTER_NODES_INTERFACE_CONFIG_SCRIPT	Post PXE Interface Configuration script for hadoop cluster nodes	gen_text_input

Config Nodes

Summary

Config Nodes

Description

This task allows user to Config Nodes under Hadoop Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Node Name	Node Name	gen_text_input	Y

Outputs

No Outputs

Configure RAID and Mount Disks

Summary

Configure RAID and Mount Disks

Description

Configure RAID and Mount Disks

Inputs

Input	Description	Mappable To Type	Mandatory
Select disks	Select disks	BigDataServerDiskIdentity	Y
RAID Level[Data]		gen_text_input	Y
Disks Per Group		gen_text_input	Y
Write Mode		gen_text_input	Y
Read Mode		gen_text_input	Y
Use Cache		Boolean	Y
Use Cache if Bad BBU		Boolean	Y
Strip Size(MB)		gen_text_input	Y

Outputs

Output	Description	Type
OUTOUT_ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	gen_text_input
OUTOUT_CONFIGURE_RAID_AND_MOUNT_DISKS_COMMANDS	CONFIGURE_RAID_AND_MOUNT_DISKS_COMMANDS	gen_text_input
OUTOUT_ANSIBLE_LOGFILE	NSIBLE__LOGFILE	gen_text_input

Configure Storage Directories for Data Node

Summary

Configure Storage Directories for Data Node

Description

Configure Storage Directories for Data Node

Inputs

Input	Description	Mappable To Type	Mandatory
Select disks	Select disks	BigDataServerDiskIdentity	Y
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

Create Hadoop Cluster Profile

Summary

Create Hadoop Cluster Profile

Description

This task allows user to Create Hadoop Cluster Profile from template.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Service Profile Template	Select UCS Service Profile Template	ucsServiceProfile TemplateBigDataIdentity	Y
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
Hadoop Cluster Profile Template	Select Hadoop Cluster Profile Template	hadoopClusterTemplate Identity	Y
Hadoop Cluster Name	Cluster Name	gen_text_input	Y
OS Version	Select OS Version	hadoopClusterOsType	Y
SSH Username	SSH Username	gen_text_input	Y
SSH (root) Password	SSH Password	password	Y
Confirm SSH Password	Re Enter SSH Password	password	Y
Management Console Password	Management Console Password	password	
Host Node Prefix	Hadoop Node Prefix	gen_text_input	Y
vNIC Name	Select vNIC	gen_text_input	
IP Pool (eth0)	IP Pool	ipPool	Y
IP Pool (eth1)	IP Pool	ipPool	Y
IP Pool (eth2)	IP Pool	ipPool	Y
IP Range (eth0)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth0)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth0)	GateWay IP, ex: 192.168.0.10	gen_text_input	
IP Range (eth1)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth1)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth1)	GateWay IP, ex: 192.168.0.10	gen_text_input	
IP Range (eth2)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Subnet Mask (eth2)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth2)	GateWay IP, ex: 192.168.0.10	gen_text_input	
UCS Server Pool Identity	UCS Server Pool Identity	serverPoolIdentity	

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_NODE_COUNT	Node Count	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_PROVISION_ID	ID References to Database instance of Hadoop Cluster Nodes Provision Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_NETWORK_IPS	Hadoop Cluster Data Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_GATEWAY_IP	Cluster DATA GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_SUBNET_MASK	Hadoop Cluster DATA Subnet Mask	gen_text_input
OUTPUT_BIGDATA_ACCOUNT_TYPE	Big Data Account Type	gen_text_input
OUTPUT_HADOOP_DATACENTRE_NAME	Data Centre Name	gen_text_input
OUTPUT_UCS_SERVER_POOL_IDENTITY	UCS Server Pool Identity.	ucsServerPoolIdentity
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input

Create MAC Pool

Summary

Create MAC Pool

Description

Create MAC Pool

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
First MAC Address	Enter first MAC address		Y
Size	Enter size of the block		Y
UCSM Policy Name Prefix	UCSM Entity Prefix	gen_text_input	Y
vNIC Name	Select vNIC	gen_text_input	

Outputs

No Outputs

Create Rack

Summary

Create Rack

Description

This task allows user to create a Rack in Hadoop Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
Rack Name	Rack Name	gen_text_input	Y
Rack Description	Rack Description	gen_text_input	Y

Outputs

No Outputs

Create UCS Service Profile Template

Summary

Create UCS Service Profile Template

Description

This task allows user to create a UCS Service Profile Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data UCS SP Template	Select Big Data UCS SP Template	ucsServiceProfileTemplate BigDataIdentity	Y
UCS Service Profile Template	Select UCS Service Profile Template	ucsServiceProfileTemplate Identity	
UCSM Policy Name Prefix	UCSM Entity Prefix	gen_text_input	Y
UCS Service Profile Template Prefix	UCS Service Profile Prefix	gen_text_input	Y
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
Host Firmware Package	Host Firmware Package	hostFirmwareIdentity	Y
Select UUID Pool	UUID Pool	ucsBigDataUUIDpoolIdentity	Y
UUID Prefix	Select prefix	gen_text_input	
UUID Suffixes - From	Enter First Address	gen_text_input	
UUID Pool-Size	Size of the Block	gen_text_input	
Select MAC Pool	MAC Pool	ucsMacPoolIdentity	Y
vNIC Name	Select vNIC	gen_text_input	
First MAC Address (eth0)	Enter first MAC address	gen_text_input	
Size (eth0)	Enter size of the block	gen_text_input	
VLAN Name (eth0)		gen_text_input	
VLAN ID (eth0)		gen_text_input	Y
First MAC Address (eth1)	Enter first MAC address	gen_text_input	
Size (eth1)	Enter size of the block	gen_text_input	
VLAN Name (eth1)		gen_text_input	
VLAN ID (eth1)		gen_text_input	Y
First MAC Address (eth2)	Enter first MAC address	gen_text_input	
Size (eth2)	Enter size of the block	gen_text_input	

Input	Description	Mappable To Type	Mandatory
VLAN Name (eth2)		gen_text_input	
VLAN ID (eth2)		gen_text_input	Y
PXE VLAN ID		gen_text_input	Y
vNIC Data		gen_text_input	Y
Boot Mode		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_NAME	Ucs Service Profile Template Name	gen_text_input
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplateIdentity
OUTPUT_LAN_BOOT_POLICY_IDENTITY	LAN Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_LOCAL_BOOT_POLICY_IDENTITY	Local Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_VNIC_NAMES_LIST	vNIC Names	gen_text_input
OUTPUT_PXE_VNIC_NAME	PXE vNIC Name	gen_text_input
OUTPUT_PXE_VLAN_NAME	PXE VLAN Name	gen_text_input
OUTPUT_PXE_VLAN_DN	PXE VLAN Dn	gen_text_input
OUTPUT_PXE_VLAN_IDENTITY	PXE VLAN IDENTITY	ucsVlanIdentity
OUTPUT_PXE_VNIC_TEMPLATE_IDENTITY	PXE vNIC Template Identity	UcsVNICTemplateIdentity
OUTPUT_DATA_VNIC_TEMPLATE_IDENTITY	DATA vNIC Template Identity	UcsVNICTemplateIdentity
OUTPUT_STORAGE_PROFILE_PCH_RAID0_EXISTS	Storage Profile BD_V1_PCH_STP_R0 Exists	gen_text_input
OUTPUT_STORAGE_PROFILE_PCH_RAID1_EXISTS	Storage Profile BD_V1_PCH_STP_R1 Exists	gen_text_input
OUTPUT_STORAGE_PROFILE_PCH_NORAIID_EXISTS	Storage Profile BD_V1_PCH_NORAIID Exists	gen_text_input
OUTPUT_DGP_BD_V1_SSM_RAID0_EXISTS	UCS Disk Group Policy Existence for BD_V1_SSM_RAID0	gen_text_input
OUTPUT_DGP_BD_V1_SSM_RAID1_EXISTS	UCS Disk Group Policy Existence for BD_V1_SSM_RAID1	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S12_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S12	gen_text_input

Output	Description	Type
OUTPUT_DGP_BD_V1_M_R1_S23_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S23	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S34_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S34	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S45_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S45	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S56_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S56	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S67_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S67	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S78_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S78	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S89_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S89	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S910_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S910	gen_text_input
OUTPUT_DGP_BD_V1_M_R1_S1011_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R1_S1011	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S1_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S1	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S2_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S2	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S3_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S3	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S4_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S4	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S5_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S5	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S6_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S6	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S7_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S7	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S8_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S8	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S9_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S9	gen_text_input
OUTPUT_DGP_BD_V1_M_R0_S10_EXISTS	UCS Disk Group Policy Existence for BD_V1_M_R0_S10	gen_text_input

Custom SSH Command

Summary

Custom SSH Command

Description

Custom SSH Command.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address	Host IP Address	ipaddress	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
Command Delay	Delay time between each command execution	gen_text_input	
Max Wait Time	Max wait time for the CLI session	gen_text_input	
Disable Command Echo and Command Logging	If checked, commands executed through SSH are not logged in SR log nor echoed back	Boolean	
Command	SSH command with arguments to execute	gen_text_input	Y
Error Text	Error Text to validate		
Undo Command	SSH undo command with arguments to execute	gen_text_input	
Error Text[Undo]	Error Text to validate		

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input

Decommission Node

Summary

Decommission Node

Description

This task allows user to Decommission Node .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Node Name	Node Name	gen_text_input	Y

Outputs

No Outputs

Delete A Performance Record

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Type	Select Account Type	bigdataAccountType	Y
Select Hadoop Account	Select Hadoop Account	hadoopBigDataAccountIdentity	Y
Data Center Name	Data Center Name	gen_text_input	Y
Cluster Name	Cluster Name	gen_text_input	Y
id	id	gen_text_input	Y

Outputs

No Outputs

Delete Bigdata IP Pools

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
IP Pool Identity	Big Data Account Name		Y

Outputs

No Outputs

Delete Hadoop Cluster Profile

Summary

Delete Hadoop Cluster Profile

Description

This task allows user to Delete Hadoop Cluster Profile from UCSD.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Cluster Provision ID	Cluster Provision ID	gen_text_input	Y

Outputs

No Outputs

Delete Hadoop Service Role

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Cluster Name			Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	Y
Host Name			Y
Role Name			Y
Role Type	Role Type		Y

Outputs

No Outputs

Delete Infra Account

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name		Y

Outputs

No Outputs

Delete Node

Summary

Delete Node

Description

This task allows user to Delete Node.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Node Name	Node Name	gen_text_input	Y
Delete Node to Bare Metal?(true/false)	Delete Node to Bare Metal?	gen_text_input	
Splunk Delete Node Config	Splunk Delete Node Config	gen_text_input	
Max wait time (seconds) for the Rollback Node to Bare Metal to finish	Max wait time (seconds) for the Rollback Node to Bare Metal to finish	gen_text_input	

Outputs

No Outputs

Delete Role Service

Summary

Delete Role Service

Description

This task allows user to Dele Role Service .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
Node Name	Node Name	gen_text_input	Y
Role Name	Role Name	gen_text_input	Y

Outputs

No Outputs

Delete UCSService Profile Template

Summary

Delete UCSService Profile Template

Description

This task allows user to delete a UCS Service Profile Template.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Service Profile Template Identity	Select UCS Service Profile Template Identity	gen_text_input	Y

Outputs

No Outputs

Delete hadoop External Service

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DataBase Configuration Profile Name	DataBase Name		Y
DataBase Type	Select DataBase Type		Y

Outputs

No Outputs

Edit Bigdata IP Pools

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
IP Pool Identity	Big Data Account Name		Y
IP Pool Name	Enter IP Pool name		
Description	IP Pool description		
Assignment Order	Select Assignment Order		
IPv4 Blocks	Add one or more IPv4 Blocks		

Outputs

No Outputs

Edit Hadoop Account

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name	gen_text_input	Y
Management Console IP	IP Address of Management Console	gen_text_input	Y
Account Type	Big Data Account Type	gen_text_input	Y
SSH (root) Password	Password	password	Y
Confirm Password	Re Enter Password	password	Y
Management Console Protocol	Management Console Protocol	gen_text_input	Y
Management Console Port Number	Management Console Port Number	gen_text_input	Y
Hadoop Manager Password	Hadoop Manager Password	password	Y
Confirm Password	Re Enter Password	password	Y

Outputs

No Outputs

Edit Splunk Account

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name	gen_text_input	Y
Management Console IP	IP Address of Management Console	gen_text_input	Y
SSH (root) Password	Password	password	Y
Confirm Password	Re Enter Password	password	Y
Monitoring Console Protocol	Monitoring Console Protocol	gen_text_input	Y
Monitoring Console Port Number	Monitoring Console Port Number	gen_text_input	Y
Splunk Manager Password	Splunk Manager Password	password	Y
Confirm Password	Re Enter Password	password	Y

Outputs

No Outputs

Edit hadoop External Service

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DataBase Configuration Profile Name	DataBase Name		Y
DataBase Type	Select DataBase Type		Y
Server Name	ServiceName		
Port	DataBase Port		
User Name	DataBase UserName		
Password	DataBase Password	password	
Confirm Password	DataBase Password	password	

Outputs

No Outputs

Enable/Disable Configuration Check Rule

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Code	Code Name	gen_text_input	Y
Type	Type	gen_text_input	Y
Enable or Disable Config Check Rules		gen_text_input	Y

Outputs

No Outputs

Extract Big Data Cluster Details

Summary

Extract Big Data Cluster Details

Description

Extract Big Data Cluster Details from Account

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_NAME	Hadoop Cluster Name	gen_text_input
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_HADOOP_CLUSTER_DISTRIBUTION_TYPE	Hadoop Distribution Type	gen_text_input
OUTPUT_HADOOP_CLUSTER_DISTRIBUTION_VERSION	Hadoop Distribution Version	gen_text_input
OUTPUT_HADOOP_MANAGER_LOGIN	Hadoop Manager Login User Name	gen_text_input
OUTPUT_HADOOP_MANAGER_PASSWORD	Hadoop Manager Password	password
OUTPUT_HADOOP_CLUSTER_SSH_USERNAME	Hadoop Cluster SSH UserName	gen_text_input
OUTPUT_HADOOP_CLUSTER_SSH_PASSWORD	Hadoop Cluster SSH Password	password

High Availability

Summary

High Availability

Description

High Availability

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
Current NameNode		gen_text_input	
Additional NameNode		gen_text_input	
Selected Journal Node		gen_text_input	
Secondary Name Node		gen_text_input	
Enable High Availability		gen_text_input	
Upgrade Cluster		gen_text_input	Y

Outputs

No Outputs

Initiate Hadoop Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Enter Big Data Account Name with atmost 10 alphanumeric characters	gen_text_input	Y
UCSM Policy Name Prefix	UCSM Policy Name Prefix with atmost 5 alphanumeric characters	gen_text_input	Y
Hadoop Cluster Name	Cluster Name	gen_text_input	Y
SSH (root) Password	SSH Password	password	Y
Confirm SSH Password	Re Enter SSH Password	password	Y
Hadoop Manager Password	Hadoop Manager Password	password	Y
Confirm Hadoop Manager Password	Confirm Hadoop Manager Password	password	Y
Host Node Prefix	Hadoop Node Prefix should not contain any special characters	gen_text_input	Y
OS Version	Select OS Version	hadoopClusterOsType	Y
Hadoop Template Name	Hadoop Template Name	hadoopClusterTemplateIdentity	Y
Hadoop Distribution	Select Hadoop Distribution	hadoopClusterType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	gen_text_input	Y
Management Console Protocol	Management Console Protocol		Y
Management Port Number	Management Port Number		Y
Oracle JDK	Select JDK Version	jdkLov	Y
External DataBase	Select Hadoop Distribution Version	hadoopExternalDbLovType	Y
Multi UCSM		Boolean	
UCS Manager Account	Select UCS Manager Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
UCS SP Template for Big Data	UCS Service Profile Template	ucsServiceProfileTemplateBigDataIdentity	Y

Input	Description	Mappable To Type	Mandatory
UCS SP Template	UCS Service Profile Template	ucsServiceProfile TemplateIdentity	
PXE VLAN ID	PXE VLAN ID	gen_text_input	Y
Hadoop Server Roles	Select Hadoop roles	hadoopServerRoles	Y
vNIC Template	Select vNIC From Template	vNICConfig	Y

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BIGDATA_ACCOUNT_ TYPE_FLAVOR	Account Type(hadoop/splunk)	bigdataAccountType
OUTPUT_HADOOP_ACCOUNT	Hadoop Account	hadoopBigDataAccount Identity

Initiate Splunk Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Specify a Big Data Account Name with a maximum of 10 alphanumeric characters.	gen_text_input	Y
UCSM Policy Name Prefix	Specify a UCSM Policy Name Prefix with a maximum of 5 alphanumeric characters.	gen_text_input	Y
Monitoring Console Protocol	Monitoring Console Protocol		Y
Monitoring Console Port Number	Monitoring console Port Number		Y
SSH (root) Password	SSH Password	password	Y
Confirm SSH Password	Re Enter SSH Password	password	Y
Splunk Manager Password	Splunk Manager Password	password	Y
Confirm Splunk Manager Password	Confirm Hadoop Manager Password	password	Y
OS Version	Select OS Version	hadoopClusterOs Type	Y
Splunk Distribution Version	Select Splunk Distribution Version	splunkCluster ManagerSoftware VersionType	Y
Big Data UCS SP Template	UCS Service Profile Template	ucsServiceProfile TemplateBigData Identity	Y
Multi UCSM		Boolean	
UCS Manager Account	Select UCS Manager Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganization Identity	Y
UCS SP Template	UCS Service Profile Template		
PXE VLAN ID	PXE VLAN ID	gen_text_input	Y
Splunk Server Roles	Select Splunk roles		Y
vNIC Template	Select vNIC From Template		Y
Site Preferences			Y

Input	Description	Mappable To Type	Mandatory
Site Replication Factor (Origin)	Site Replication Factor (Origin)		Y
Site Replication Factor (Total)	Site Replication Factor (Total)		Y
Site Search Factor (Origin)	Site Search Factor (Origin)		Y
Site Search Factor (Total)	Site Search Factor (Total)		Y
Master Site Name	Master Site Name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BIGDATA_ACCOUNT_TYPE_FLAVOR	Account Type(hadoop/splunk)	bigdataAccountType
OUTPUT_SPLUNK_ACCOUNT	Splunk Account	splunkaccountIdentity

Instant Hadoop Cluster Profile

Summary

Instant Hadoop Cluster Profile

Description

This task allows user to Create Instant Hadoop Cluster Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Node Count	Node Count	gen_text_input	Y
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
Hadoop Cluster Name	Cluster Name	gen_text_input	Y
Hadoop Distribution	Select Hadoop Distribution	hadoopClusterType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManagerSoftwareVersionType	Y
OS Version	Select OS Version	hadoopClusterOsType	Y
SSH Username	SSH Username	gen_text_input	Y
SSH (root) Password	SSH Password	password	Y
Confirm SSH (root) Password	Re Enter SSH Password	password	Y
Host Node Prefix	Hadoop Node Prefix	gen_text_input	Y
vNIC Name	Select vNIC	gen_text_input	
IP Pool (eth0)	IP Pool	ipPool	Y
IP Pool1 (eth1)	IP Pool	ipPool	Y
IP Pool2 (eth2)	IP Pool	ipPool	Y
IP Range (eth0)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth0)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth0)	GateWay IP, ex: 192.168.0.10	gen_text_input	
IP Range (eth1)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth1)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth1)	GateWay IP, ex: 192.168.0.10	gen_text_input	
IP Range (eth2)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth2)	Subnet Mask, ex: 255.128.0.0	gen_text_input	

Input	Description	Mappable To Type	Mandatory
GateWay IP (eth2)	GateWay IP, ex: 192.168.0.10	gen_text_input	
IP Range (eth3)	IP Range. Example: 192.168.0.1 - 192.168.0.50	gen_text_input	
Subnet Mask (eth3)	Subnet Mask, ex: 255.128.0.0	gen_text_input	
GateWay IP (eth3)	GateWay IP, ex: 192.168.0.10	gen_text_input	
UCS Server Pool Identity	UCS Server Pool Identity	serverPoolIdentity	
Management Console Details	Web console details		
Management Console Protocol	Management Console Protocol		
Management Console Username	Management Console Username		
Management Console Password	Management Console Password	password	
Cluster Creation Page ID	Cluster Creation Page ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_NODE_COUNT	Node Count	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_PROVISION_ID	ID References to Database instance of Hadoop Cluster Nodes Provision Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_NETWORK_IPS	Hadoop Cluster Data Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_GATEWAY_IP	Cluster DATA GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_SUBNET_MASK	Hadoop Cluster DATA Subnet Mask	gen_text_input
OUTPUT_BIGDATA_ACCOUNT_TYPE	Big Data Account Type	gen_text_input
OUTPUT_HADOOP_DATACENTRE_NAME	Data Centre Name	gen_text_input
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_UCS_SERVER_POOL_IDENTITY_INSTANT	UCS Server Pool Instant Identity.	ucsServerPoolIdentity

Instant Hadoop Cluster UCS SP

Summary

Instant Hadoop Cluster UCS SP

Description

This task allows user to Create Instant Hadoop Cluster UCS Service Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Service Profile Prefix	UCS Service Profile Prefix	gen_text_input	Y
UCSM Policy Name Prefix	UCSM Entity Prefix	gen_text_input	Y
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
Host Firmware Package	Host Firmware Package	hostFirmwareIdentity	Y
Select UUID Pool	UUID Pool	ucsBigDataUUIDpool Identity	Y
UUID Prefix	Select prefix	gen_text_input	
UUID Suffixes-From	Enter First Address	gen_text_input	
UUID Pool-Size	Size of the Block	gen_text_input	
Select MAC Pool	MAC Pool	ucsMacPoolIdentity	Y
vNIC Name	Select vNIC	gen_text_input	
First MAC Address (eth0)	Enter first MAC address	gen_text_input	
Size (eth0)	Enter size of the block	gen_text_input	
VLAN Name (eth0)		gen_text_input	
VLAN ID (eth0)		gen_text_input	Y
First MAC Address (eth1)	Enter first MAC address	gen_text_input	
Size (eth1)	Enter size of the block	gen_text_input	
VLAN Name (eth1)		gen_text_input	
VLAN ID (eth1)		gen_text_input	Y
First MAC Address (eth2)	Enter first MAC address	gen_text_input	
Size (eth2)	Enter size of the block	gen_text_input	
VLAN Name (eth2)		gen_text_input	
VLAN ID (eth2)		gen_text_input	Y
PXE VLAN ID		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_NAME	Ucs Service Profile Template Name	gen_text_input
OUTPUT_LAN_BOOT_POLICY_IDENTITY	LAN Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_LOCAL_BOOT_POLICY_IDENTITY	Local Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_VNIC_NAMES_LIST	vNIC Names	gen_text_input
OUTPUT_PXE_VNIC_TEMPLATE_IDENTITY	PXE vNIC Template Identity	UcsVNICTemplateIdentity
OUTPUT_DATA_VNIC_TEMPLATE_IDENTITY	DATA vNIC Template Identity	UcsVNICTemplateIdentity

Linux Shell Script Execution

Summary

Linux Shell Script Execution

Description

Linux Shell Script Execution

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address	Host IP Address	ipaddress	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
Script File Name	Script Location	gen_text_input	Y
Script Location	Script Location	gen_text_input	Y
Script Inputs	Arguments to execute shell script	gen_text_input	
Sleep interval to check script status(milliseconds)	Sleep interval	gen_text_input	Y
Maximum wait time to check script status(milliseconds)	Maximum wait time	gen_text_input	Y

Outputs

No Outputs

Manage DB Lock

Summary

Manage DB Lock

Description

Manage DB Lock

Inputs

Input	Description	Mappable To Type	Mandatory
Lock File (Absolute Path)	Lock File (Absolute Path)	gen_text_input	Y
Unique Suffix	Cluster Setup Env ID	gen_text_input	Y
Create or Remove lock file	Create or Remove lock file	Boolean	Y

Outputs

No Outputs

Modify Credentials

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	gen_text_input	Y
SSH Credential	ssh credential	Boolean	
Previous SSH Password	PreviousSSHPassword	password	Y
SSH (root) Password	Password	password	Y
Confirm Password	Re enter password	password	Y
Hadoop Admin Console Credential	Hadoop Admin Console aredential	Boolean	
Previous Hadoop Manager Password	Previous Hadoop Password	password	Y
Hadoop Manager Password	Hadoop Manager Password	password	Y
Confirm Hadoop Manager Password	Re enter hadoop password	password	Y
Splunk Admin Console Credential	Splunk Admin Console Credential	Boolean	
Previous Splunk Password	Previous Splunk Password	password	Y
Splunk Password	Splunk Password	password	Y
Confirm Splunk Password	Re enter splunk password	password	Y

Outputs

No Outputs

Modify Maintenance Policy

Summary

Modify Maintenance Policy

Description

Modify Maintenance Policy

Inputs

Input	Description	Mappable To Type	Mandatory
Maintenance Policy	Select Maintenance Policy to Change.	UcsMaintenancePolicyIdentity	Y
Description	Description	gen_text_input	
Reboot Policy	Reboot Policy	gen_text_input	Y

Outputs

No Outputs

Monitor Cloudera Managed Node Addition

Summary

Monitor Cloudera Managed Node Addition

Description

Monitor Cloudera Managed Node Addition

Inputs

Input	Description	Mappable To Type	Mandatory
Host Name		gen_text_input	Y
Admin Node MGMT IP		gen_text_input	Y

Outputs

No Outputs

Monitor Hadoop Cluster Setup

Summary

Monitor Hadoop Cluster Setup

Description

This task allows user to create monitor Hadoop Cluster Creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Request ID	Cluster Request ID	gen_text_input	Y
Max Wait time (Hours)	Specify maximum wait time in hours		Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input

Monitor Hortonworks Managed Node Addition

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Admin Node MGMT IP		gen_text_input	Y
Big Data Account Name		gen_text_input	Y
Cluster Name		gen_text_input	Y
Host Name		gen_text_input	Y

Outputs

No Outputs

Monitor MapR Managed Node Addition

Summary

Monitor MapR Managed Node Addition

Description

Monitor MapR Managed Node Addition

Inputs

Input	Description	Mappable To Type	Mandatory
Admin Node MGMT IP		gen_text_input	Y
Big Data Account Name		gen_text_input	Y
Cluster Name		gen_text_input	Y
Host Name		gen_text_input	Y
Node Type	Select node type	gen_text_input	Y

Outputs

No Outputs

Monitor RAID Configuration

Summary

Monitor RAID Configuration

Description

This task allows user to Monitor RAID Configuration .

Inputs

Input	Description	Mappable To Type	Mandatory
PXE Boot ID	PXE Boot ID	gen_text_input	Y

Outputs

No Outputs

Monitor Shell Script Status

Summary

Monitor Shell Script Status

Description

Monitor Shell Script Status

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address	Host IP Address	ipaddress	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
Script File with path	Script File with path	gen_text_input	Y
Success pattern	Pattern to be monitored for Success	gen_text_input	Y
Error pattern	Pattern to be monitored for Error and Exit	gen_text_input	Y
Sleep interval	Sleep interval	gen_text_input	Y
Maximum wait time	Maximum wait time	gen_text_input	Y

Outputs

No Outputs

Multi Bare Metal OS Install WF

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
Big Data Account Name	Big Data Account Name	gen_text_input	
No of consecutive Bare Metal workflow execution in a block	No of concurrent Bare Metal workflow execution	gen_text_input	Y
Time Gap (milliseconds) between consecutive Bare Metal workflows	Time Gap (milliseconds) between consecutive Bare Metal workflows	gen_text_input	Y
Time Gap (milliseconds) between two sets of Bare Metal execution block	Time Gap (milliseconds) between two sets of Bare Metal execution block	gen_text_input	Y
Time Gap (milliseconds) to check status of Bare Metal workflows	Time Gap (milliseconds) to check status of Bare Metal workflows	gen_text_input	Y
Organization	Organization name under which to create Service Profile	ucsOrganizationIdentity	Y
Node Count	Node Count	gen_text_input	Y
Host Node Prefix	Host Node Prefix	gen_text_input	Y
LAN Boot Identity	LAN Boot Identity	gen_text_input	Y
Local Boot Identity	Local Boot Identity	gen_text_input	Y
UCS SP Template Identity for Big Data	Select UCS Service Profile Template Name from Big Data	ucsServiceProfileTemplateBigDataIdentity	Y
UCS Service Profile Template Name	UCS Service Profile Template Name	gen_text_input	Y
UCS Service Profile Template Identity	Select UCS Service Profile Template	ucsServiceProfileTemplateIdentity	Y
Target BMA	Select BMA	gen_text_input	Y
PXE VLAN Identity	Select PXE VLAN	ucsVlanIdentity	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
POST PXE Command	POST PXE Command	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Megaraid Drivers Installation Commands	Installation instructions for megaraid drivers	gen_text_input	Y
Workflow Name	Workflow Name	gen_text_input	Y
Service Profile Prefix	Service Profile Prefix	gen_text_input	Y
Cluster Management IPs	Cluster Management IPs	gen_text_input	Y
Cluster Management Subnet IP	Cluster Management Subnet IP	gen_text_input	Y
Cluster Management GateWay IP	Cluster Management GateWay IP	gen_text_input	Y
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
DATA IP Range	PXE IP Range	gen_text_input	Y
DATA Subnet	PXE Subnet	gen_text_input	Y
DATA Gateway	PXE Gateway	gen_text_input	Y
UCS Server Pool Identity	UCS Server Pool Identity	serverPoolIdentity	
OS Version	Select OS Version	hadoopClusterOsType	Y
PXE vNIC Template	Select PXE vNIC Template	UcsVNICTemplate Identity	
DATA vNIC Template	Select DATA vNIC Template	UcsVNICTemplate Identity	
JDK Script File Name	JDK Installation Script File Name	gen_text_input	Y
JDK Script Location	Web location of per node JDK installation script file	gen_text_input	Y
JDK Script Inputs	Arguments to run JDK installation script file	gen_text_input	Y
Cluster Creation Page ID	Cluster Creation Page ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_RACKUNIT_LIST	UCS Rack Server Units	gen_text_input
OUTPUT_DGP_BD_V1_SSM_RAID0_EXISTS	UCS Disk Group Policy Existence for BD_V1_SSM_RAID0	gen_text_input
OUTPUT_DGP_BD_V1_SSM_RAID1_EXISTS	UCS Disk Group Policy Existence for BD_V1_SSM_RAID1	gen_text_input

Output	Description	Type
OUTPUT_DISK_GROUP_POLICY_NAME_RAID0_ANY	UCS Disk Group Policy Name Raid0 ANY	gen_text_input
OUTPUT_DISK_GROUP_POLICY_NAME_RAID1_ANY	UCS Disk Group Policy Name Raid1 ANY	gen_text_input
OUTPUT_DISK_GROUP_POLICY_READ_MODE_RAID0_SSD	UCS Disk Group Policy Read Mode	UCSReadPolicyLOV
OUTPUT_DISK_GROUP_POLICY_WRITE_MODE_RAID0_SSD	UCS Disk Group Policy Write Mode	UCSWriteCachePolicyLOV
OUTPUT_DISK_GROUP_POLICY_USE_CACHE_RAID0_SSD	UCS Disk Group Policy Use Cache	UCSDriveCacheLOV
OUTPUT_DISK_GROUP_POLICY_STRIP_SIZE_RAID0_SSD	UCS Disk Group Policy Strip Size	UCSStripSizeLOV
OUTPUT_DISK_GROUP_POLICY_READ_MODE_RAID1_SSD	UCS Disk Group Policy Read Mode	UCSReadPolicyLOV
OUTPUT_DISK_GROUP_POLICY_WRITE_MODE_RAID1_SSD	UCS Disk Group Policy Write Mode	UCSWriteCachePolicyLOV
OUTPUT_DISK_GROUP_POLICY_USE_CACHE_RAID1_SSD	UCS Disk Group Policy Use Cache	UCSDriveCacheLOV
OUTPUT_DISK_GROUP_POLICY_STRIP_SIZE_RAID1_SSD	UCS Disk Group Policy Strip Size	UCSStripSizeLOV
OUTPUT_DISK_GROUP_POLICY_READ_MODE_RAID0_ANY	UCS Disk Group Policy Read Mode	UCSReadPolicyLOV
OUTPUT_DISK_GROUP_POLICY_WRITE_MODE_RAID0_ANY	UCS Disk Group Policy Write Mode	UCSWriteCachePolicyLOV
OUTPUT_DISK_GROUP_POLICY_USE_CACHE_RAID0_ANY	UCS Disk Group Policy Use Cache	UCSDriveCacheLOV
OUTPUT_DISK_GROUP_POLICY_STRIP_SIZE_RAID0_ANY	UCS Disk Group Policy Strip Size	UCSStripSizeLOV
OUTPUT_DISK_GROUP_POLICY_READ_MODE_RAID1_ANY	UCS Disk Group Policy Read Mode	UCSReadPolicyLOV
OUTPUT_DISK_GROUP_POLICY_WRITE_MODE_RAID1_ANY	UCS Disk Group Policy Write Mode	UCSWriteCachePolicyLOV
OUTPUT_DISK_GROUP_POLICY_USE_CACHE_RAID1_ANY	UCS Disk Group Policy Use Cache	UCSDriveCacheLOV
OUTPUT_DISK_GROUP_POLICY_STRIP_SIZE_RAID1_ANY	UCS Disk Group Policy Strip Size	UCSStripSizeLOV
OUTPUT_ORG_IDENTITY	Organization Identity	ucsOrganizationIdentity

Multi Bare Metal WF Monitor

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Workflow Ids	Workflow Ids	gen_text_input	Y
Rack Server Units	UCS Rack Server Units	gen_text_input	
Time Gap (milliseconds) to check status of Bare Metal workflows	Time Gap (milliseconds) to check status of Bare Metal workflows	gen_text_input	Y

Outputs

No Outputs

Multi UCSM Configuration WF

Summary

Multi UCSM Configuration WF

Description

Multi UCSM Configuration WF

Inputs

Input	Description	Mappable To Type	Mandatory
No of consecutive workflow execution in a block	No of concurrent workflow execution	gen_text_input	Y
Time Gap (milliseconds) between consecutive workflows	Time Gap (milliseconds) between consecutive workflows	gen_text_input	Y
Time Gap (milliseconds) between two sets of execution block	Time Gap (milliseconds) between two sets of execution block	gen_text_input	Y
Time Gap (milliseconds) to check status of workflows	Time Gap (milliseconds) to check status of workflows	gen_text_input	Y
UCSM Policy Name Prefix	UCSM Policy Name Prefix	gen_text_input	Y
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Big Data Account Name	UCSM Policy Name Prefix	gen_text_input	Y
Hadoop Cluster Name	Hadoop Cluster Name	gen_text_input	Y
Node Count	Node Count	gen_text_input	Y
Host Node Prefix	Host Name Prefix	gen_text_input	Y
UCS Service Profile Template Name	UCS Service Profile Template Name	gen_text_input	Y
Hadoop Cluster Profile Template Name	Hadoop Cluster Profile Template Name	gen_text_input	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
Workflow Name	Workflow Name	gen_text_input	Y
POST PXE Command	POST PXE Command	gen_text_input	Y
Megaraid Drivers Installation Commands	Installation instructions for megaraid drivers	gen_text_input	Y
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Cluster Management IPs	Cluster Management IPs	gen_text_input	Y
Cluster Management Subnet IP	Cluster Management Subnet IP	gen_text_input	Y
Cluster Management GateWay IP	Cluster Management GateWay IP	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
DATA IP Range	DATA IPRange	gen_text_input	Y
DATA Subnet	DATA Subnet	gen_text_input	Y
DATA Gateway	DATA Gateway	gen_text_input	Y
Instant Page ID	Hadoop Node Prefix	gen_text_input	Y
JDK Script File Name	JDK Installation Script File Name	gen_text_input	Y
JDK Script Location	Web location of per node JDK installation script file	gen_text_input	Y
JDK Script Inputs	Arguments to run JDK installation script file	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_UCSM_ACCOUNTS	UCSM Accounts	gen_text_input
OUTPUT_ORGANIZATIONS	UCSM Organizations	gen_text_input
OUTPUT_LAN_BOOT_POLICY_IDENTITY	LAN Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_LOCAL_BOOT_POLICY_IDENTITY	Local Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_OS_VERSION	OS Version	hadoopClusterOsType

Multi-UCSM Hadoop Cluster Profile

Summary

Multi-UCSM Hadoop Cluster Profile

Description

Multi-UCSM Hadoop Cluster Profile

Inputs

Input	Description	Mappable To Type	Mandatory
Node Count	Node Count	gen_text_input	Y
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Hadoop Cluster Name	Cluster Name	gen_text_input	Y
UCS Service Profile Template	Select UCS Service Profile Template	ucsServiceProfileTemplate BigDataIdentity	Y
Hadoop Cluster Profile Template	Select Hadoop Cluster Profile Template	hadoopClusterTemplate Identity	Y
Hadoop Distribution	Select Hadoop Distribution	hadoopClusterType	Y
Hadoop Distribution Version	Select Hadoop Distribution Version	hadoopClusterManager SoftwareVersionType	Y
OS Version	Select OS Version	hadoopClusterOsType	Y
SSH User Name	SSH User Name	gen_text_input	
SSH (root) Password	SSH Password	password	Y
Confirm SSH (root) Password	Re Enter SSH Password	password	Y
Hadoop Manager Password	Hadoop Manager Password	password	Y
Host Node Prefix	Hadoop Node Prefix	gen_text_input	Y
IP Pool (eth0)	IP Pool	gen_text_input	Y
IP Pool1 (eth1)	IP Pool	gen_text_input	Y
IP Pool2 (eth2)	IP Pool	gen_text_input	Y
IP Pool3 (eth3)	IP Pool	gen_text_input	
IP Pool4 (eth4)	IP Pool	gen_text_input	
IP Pool5 (eth5)	IP Pool	gen_text_input	
IP Pool6 (eth6)	IP Pool	gen_text_input	
IP Pool7 (eth7)	IP Pool	gen_text_input	
IP Pool8 (eth8)	IP Pool	gen_text_input	
IP Pool9 (eth9)	IP Pool	gen_text_input	
Instant Cluster ID	Hadoop Node Prefix	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_NODE_COUNT	Node Count	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_PROVISION_ID	ID References to Database instance of Hadoop Cluster Nodes Provision Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_NETWORK_IPS	Hadoop Cluster Data Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_GATEWAY_IP	Cluster DATA GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_SUBNET_MASK	Hadoop Cluster DATA Subnet Mask	gen_text_input
OUTPUT_BIGDATA_ACCOUNT_TYPE	Big Data Account Type	gen_text_input
OUTPUT_HADOOP_DATACENTRE_NAME	Data Centre Name	gen_text_input
OUTPUT_HADOOP_TEMPLATE_NAME	Hadoop Cluster Profile Template	gen_text_input
OUTPUT_UCS_TEMPLATE_NAME	UCS SP Template	gen_text_input
OUTPUT_MGMT_IP_RANGE	All Management IPs	gen_text_input
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_GATEWAY	Cluster Mgmt GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_SUBNET_MASK	Hadoop Cluster Mgmt Network Subnet Mask	gen_text_input
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_NAME	Ucs Service Profile Template Name	gen_text_input

Multi-UCSM Splunk Cluster Profile

Summary

Multi-UCSM Splunk Cluster Profile

Description

Multi-UCSM Splunk Cluster Profile

Inputs

Input	Description	Mappable To Type	Mandatory
Node Count	Node Count	gen_text_input	Y
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Cluster Name	Cluster Name	gen_text_input	Y
UCS Service Profile Template	Select UCS Service Profile Template	ucsServiceProfileTemplate BigDataIdentity	Y
Splunk Distribution Version	Select Splunk Distribution Version	splunkClusterManager SoftwareVersionType	Y
OS Version	Select OS Version	hadoopClusterOsType	Y
SSH User Name	SSH User Name	gen_text_input	
SSH (root) Password	SSH Password	password	Y
Confirm SSH (root) Password	Re Enter SSH Password	password	Y
Splunk Manager Password	Splunk Manager Password	password	Y
Host Node Prefix	Host Node Prefix	gen_text_input	Y
IP Pool (eth0)	IP Pool	gen_text_input	Y
IP Pool1 (eth1)	IP Pool	gen_text_input	Y
IP Pool2 (eth2)	IP Pool	gen_text_input	Y
IP Pool3 (eth3)	IP Pool	gen_text_input	
IP Pool4 (eth4)	IP Pool	gen_text_input	
IP Pool5 (eth5)	IP Pool	gen_text_input	
IP Pool6 (eth6)	IP Pool	gen_text_input	
IP Pool7 (eth7)	IP Pool	gen_text_input	
IP Pool8 (eth8)	IP Pool	gen_text_input	
IP Pool9 (eth9)	IP Pool	gen_text_input	
Cluster Creation Page ID	Cluster Creation Page ID	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_NODE_COUNT	Node Count	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_PROVISION_ID	ID References to Database instance of Hadoop Cluster Nodes Provision Information	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_NETWORK_IPS	Hadoop Cluster Data Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_GATEWAY_IP	Cluster DATA GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_DATA_SUBNET_MASK	Hadoop Cluster DATA Subnet Mask	gen_text_input
OUTPUT_BIGDATA_ACCOUNT_TYPE	Big Data Account Type	gen_text_input
OUTPUT_HADOOP_DATACENTRE_NAME	Data Centre Name	gen_text_input
OUTPUT_HADOOP_TEMPLATE_NAME	Hadoop Cluster Profile Template	gen_text_input
OUTPUT_UCS_TEMPLATE_NAME	UCS SP Template	gen_text_input
OUTPUT_MGMT_IP_RANGE	All Management IPs	gen_text_input
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_GATEWAY	Cluster Mgmt GatewayIP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_SUBNET_MASK	Hadoop Cluster Mgmt Network Subnet Mask	gen_text_input
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_NAME	Ucs Service Profile Template Name	gen_text_input

NFS Configuration for Splunk and Non Splunk Nodes

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Splunk Account	Select Splunk Account	splunkaccountIdentity	
Root Password	Enter Splunk Password	password	
Archival Node details	Select Archival Nodes	ArchivalNodes	

Outputs

Output	Description	Type
OUTPUT_SERVER_IP	Server Ip	gen_text_input
OUTPUT_SSH_USERNAME	SSH UserName	gen_text_input
OUTPUT_SSH_PASSWORD	SSH Password	password

Power On or Off Big Data Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Cluster Power State	Cluster Power State	gen_text_input	Y

Outputs

No Outputs

Prepare RAID commands to remove disk

Summary

Prepare RAID commands to remove disk

Description

Prepare RAID commands to remove disk

Inputs

Input	Description	Mappable To Type	Mandatory
Select disks	Select disks	BigDataServerDiskIdentity	Y

Outputs

Output	Description	Type
OUTOUT_ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	gen_text_input
OUTOUT_CONFIGURE_RAID_AND_MOUNT_DISKS_COMMANDS	CONFIGURE_RAID_AND_MOUNT_DISKS_COMMANDS	gen_text_input
OUTOUT_ANSIBLE_LOGFILE	NSIBLE__LOGFILE	gen_text_input

Provision Hadoop Cluster

Summary

Provision Hadoop Cluster

Description

This task allows user to provision Hadoop Cluster .

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Provision ID	Cluster Provision ID	gen_text_input	Y
Hadoop Setup ID	Hadoop Setup ID	gen_text_input	Y
UCS Account Name	UCS Account Name	gen_text_input	Y
Organization Identity	Organization Identity	gen_text_input	Y
Local Boot Identity	Local Boot Identity	gen_text_input	Y
LAN Boot Identity	LAN Boot Identity	gen_text_input	Y
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Pod Name	Pod Name	gen_text_input	Y
Admin Host IP	Admin Host IP	gen_text_input	Y
Account Type	Account Type	gen_text_input	Y
User Name	Account Type	gen_text_input	Y
Password	Password	password	Y
Node Count	Node Count	gen_text_input	Y
Management Console Details	Management Console Details		
Management Console Protocol	Management Console Protocol		
Hadoop Manager Password	Hadoop Manager Password	password	Y
Install Only Client Roles		Boolean	

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_PROVISION_ID	ID References to Database instance of Hadoop Cluster Nodes Provision Information	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BIGDATA_ACCOUNT_TYPE_FLAVOR	Account Type(hadoop/splunk)	bigdataAccountType
OUTPUT_HADOOP_ACCOUNT	Hadoop Account	hadoopBigDataAccount Identity

Provision Splunk Cluster

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Setup ID	Setup ID	gen_text_input	Y
UCS Account Name	UCS Account Name	gen_text_input	Y
Organization Identity	Organization Identity	gen_text_input	Y
Local Boot Identity	Local Boot Identity	gen_text_input	Y
LAN Boot Identity	LAN Boot Identity	gen_text_input	Y
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Pod Name	Pod Name	gen_text_input	Y
Admin Host IP	Admin Host IP	gen_text_input	Y
Account Type	Account Type	gen_text_input	Y
User Name	Account Type	gen_text_input	Y
Password	Password	password	Y
Node Count	Node Count	gen_text_input	Y
Management Console Details	Management Console Details		
Management Console Protocol	Management Console Protocol		
Hadoop Manager Password	Hadoop Manager Password	password	Y

Outputs

Output	Description	Type
OUTPUT_SPLUNK_ACCOUNT	Splunk Account	splunkaccountIdentity
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_BIGDATA_ACCOUNT_TYPE_FLAVOR	Account Type(hadoop/splunk)	bigdataAccountType

Rebalance hadoop cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y
		gen_text_input	Y
		Boolean	
		gen_text_input	

Outputs

No Outputs

Recommission Node

Summary

Recommission Node

Description

This task allows user to Recommission Node.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Node Name	Node Name	gen_text_input	Y

Outputs

No Outputs

Release IP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool Name	IP Pool Name	gen_text_input	Y
IP Address	IP Address	gen_text_input	Y

Outputs

No Outputs

Release IP Status

Summary

Release IP Status

Description

Release IP Status.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
IP Address	IP Address	gen_text_input	Y
IP Pool Name	IP Pool Name	gen_text_input	

Outputs

No Outputs

Release Multiple IP Addresses

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pools	Big Data IP Pools		Y
IP Addresses	IPv4 Addresses		Y

Outputs

No Outputs

Remove Bare Metal SR ID

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Host Name	Host Name	gen_text_input	Y

Outputs

No Outputs

Remove ServerIdentity

Summary

Remove ServerIdentity

Description

Remove ServerIdentity.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	
Host Name	Host Name	gen_text_input	
Server	Select UCSM server to release lock from previous service requests	ucsServerIdentity	

Outputs

No Outputs

Remove Storage Directories from Data Node

Summary

Remove Storage Directories from Data Node

Description

Remove Storage Directories from Data Node

Inputs

Input	Description	Mappable To Type	Mandatory
Select disks	Select disks	BigDataServerDisk Identity	Y
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Force remove if drive is part of critical role configuration(dfs_name_dir_list,dfs_journalnode_edits_dir,oom_heap_dump_dir,dfs.namenode.checkpoint.dir,oom_heap_dump_dir)	Force remove	Boolean	

Outputs

No Outputs

Roll Back Cloupia Add On Script

Summary

Roll Back Cloupia Add On Script

Description

Roll Back Cloupia Add On Script.

Inputs

Input	Description	Mappable To Type	Mandatory
WorkflowIds	WorkflowIds	gen_text_input	Y
TimeGap (in seconds) to check status of Bare Metal workflows	TimeGap (in seconds) to check status of Bare Metal workflows	gen_text_input	Y

Outputs

No Outputs

Roll Back Cloupia Script

Summary

Roll Back Cloupia Script

Description

Roll Back Cloupia Script.

Inputs

Input	Description	Mappable To Type	Mandatory
WorkflowIds	WorkflowIds	gen_text_input	Y
TimeGap (in seconds) to check status of Bare Metal workflows	TimeGap (in seconds) to check status of Bare Metal workflows	gen_text_input	Y
Server Identity	Server Identity	gen_text_input	Y
Server Identity String	Server Identity	gen_text_input	

Outputs

No Outputs

RollBack Cluster

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	gen_text_input	Y

Outputs

No Outputs

RollBack Provision Hadoop Cluster

Summary

RollBack Provision Hadoop Cluster

Description

This task allows user to RollBack Hadoop Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Hadoop Persistence Class Identity	Hadoop Persistence Class Identity	gen_text_input	Y
Big Data Account Name	Big Data Account Name	gen_text_input	Y
Big Data Account Type	Big Data Account Type	gen_text_input	Y
Pod Name	Pod Name	gen_text_input	Y
IP	IP	gen_text_input	Y
User Name	User Name	gen_text_input	Y
PassWord	Password	password	Y

Outputs

No Outputs

Run Big Data Cluster Performance Test

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Type	Select Account Type	bigdataAccountType	Y
Select Hadoop Account	Select Hadoop Account	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

Run Inventory for bigdata Account

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod			
Account Name	Account Name	gen_text_input	Y

Outputs

No Outputs

Service Profile unbind/rebind Action

Summary

Service Profile unbind/rebind Action

Description

Service Profile unbind/rebind Action

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCSM service profile to modify	ucsServiceProfileIdentity	Y
Action	Select action type [Unbind / Rebind]	gen_text_input	
Service Profile Template	Select UCSM service profile template to bind	gen_text_input	

Outputs

No Outputs

Setup Big Data Cluster Env

Summary

Setup Big Data Cluster Env

Description

This task allows user to create an environment for provisioning Hadoop Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	Y
Target BMA	Select the BMA for PXE setup	gen_text_input	
Admin Script Parameters		gen_text_input	
Is Add Node		gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HADOOP_CLUSTER_ADMIN_IP	Hadoop Cluster Admin IP	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_NETWORK_IPS	Hadoop Cluster Mgmt Network IP Range	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_SUBNET_MASK	Hadoop Cluster Mgmt Network Subnet Mask	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_GATEWAY	Cluster Mgmt GatewayIP	gen_text_input
OUTPUT_POST_PXE_HADOOP_CLUSTER_NODES_INTERFACE_CONFIG_SCRIPT	Post PXE Interface Configuration script for hadoop cluster nodes	gen_text_input
OUTPUT_HADOOP_DISTRIBUTION_INSTALL_SCRIPT	Script for hadoop distribution and other third party software installation	gen_text_input
OUTPUT_UNINSTALL_HADOOP_ADMIN_INTERACTIVE_SCRIPT	Uninstall Interactive script for Hadoop Admin	gen_text_input
OUTPUT_HADOOP_CLUSTER_SETUP_ENV_ID	ID References to Database instance of Hadoop Cluster and Nodes Ethernet Interface Information	gen_text_input
OUTPUT_HADOOP_DISTRIBUTION_ADD_NODE_INSTALL_SCRIPT	Script for hadoop distribution and other third party software installation	gen_text_input
OUTPUT_HADOOP_CLUSTER_MGMT_NETWORK_NEW_IPS	Hadoop Cluster Mgmt Network New IP Range	gen_text_input
OUTPUT_INSTALL_MEGARAID_DRIVERS_SCRIPT	Install Megaraid Drivers script	gen_text_input

Setup RAID Commands

Summary

Setup RAID Commands

Description

Setup RAID Commands for bare metal server node.

Inputs

Input	Description	Mappable To Type	Mandatory
Target BMA	Select the BMA for RAID Commands setup	gen_text_input	
Cluster Setup Env ID	Cluster Setup Env ID	gen_text_input	
PXE Boot ID	PXE Boot ID	gen_text_input	Y
Server Host Name	Server Host Name	gen_text_input	Y
Do Software RAID For OS Boot Drives	Do Software RAID For OS Boot Drives	gen_text_input	

Outputs

No Outputs

Splunk Cluster Multisite Configuration Generator

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Splunk Account	Select Splunk Account	splunkaccountIdentity	
Site Preferences		SitePreferences	
Provide Site Preferences as JSON String	Site Preferences JSON String	Boolean	
Site Preferences JSON String	Site Preferences JSON String	gen_text_input	
Site Replication Factor (Origin)	Site Replication Factor (Origin)	gen_text_input	
Site Replication Factor (Total)	Site Replication Factor (Total)	gen_text_input	
Site Search Factor (Origin)	Site Search Factor (Origin)	gen_text_input	
Site Search Factor (Total)	Site Search Factor (Total)	gen_text_input	
Master Site Name	Master Site Name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SPLUNK_MULTISITE_COMMANDS	CONFIGURE_SPLUNK_MULTISITE_COMMANDS	gen_text_input
OUTOUT_ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	ANSIBLE_LIBRARY_DOWNLOAD_COMMAND	gen_text_input
OUTOUT_ANSIBLE_LOGFILE	NSIBLE__LOGFILE	gen_text_input
OUTPUT_SERVER_IP	Server Ip	gen_text_input
OUTPUT_SSH_USERNAME	SSH UserName	gen_text_input
OUTPUT_SSH_PASSWORD	SSH Password	password
OUTPUT_SPLUNK_PASSWORD	Splunk Password	password

Start All Services

Summary

Start All Services

Description

This task allows user to Start All Services.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

Start Or Stop Splunk Service

Summary

Start Or Stop Splunk Service

Description

Start Or Stop Splunk Service

Inputs

Input	Description	Mappable To Type	Mandatory
Splunk Account Name	Splunk Account Name	splunkaccountIdentity	Y
Splunk Hosts	Splunk Hosts	SplunkAccountHosts	
Start or Stop	Start or Stop	gen_text_input	Y
Maximum wait time to check status(milliseconds)	Maximum wait time	gen_text_input	Y

Outputs

No Outputs

Start Service

Summary

Start Service

Description

This task allows user to Start Hadoop Cluster Service .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	Y

Outputs

No Outputs

Start/Stop BMA services

Summary

Start/Stop BMA services

Description

Start/Stop BMA services

Inputs

Input	Description	Mappable To Type	Mandatory
Target BMA	Select the BMA	gen_text_input	
StartOrStopService		gen_text_input	Y

Outputs

No Outputs

Stop All Services

Summary

Stop All Services

Description

This task allows user to Stop All Services.

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

Stop Role Service

Summary

Stop Role Service

Description

This task allows user to Stop Role Service .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Node Name	Node Name	gen_text_input	Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	Y
Hadoop Role Name	Hadoop RoleName Name	gen_text_input	Y

Outputs

No Outputs

Stop Service

Summary

Stop Service

Description

This task allows user to Stop Hadoop Cluster Service .

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Name	Big Data Account Name	hadoopBigDataAccount Identity	Y
Hadoop Service Name	Hadoop Service Name	gen_text_input	Y

Outputs

No Outputs

Synchronized Command Execution

Summary

Synchronized Command Execution

Description

Synchronized Command Execution

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address	Host IP Address	ipaddress	Y
SSH User Name	SSH User Name	gen_text_input	Y
SSH Password	SSH Password	password	Y
Synchronization Audit Command	SSH command to monitor synchronization	gen_text_input	Y
Command	SSH command with arguments to execute	gen_text_input	
Sleep interval	Sleep interval	gen_text_input	Y
Maximum wait time	Maximum wait time	gen_text_input	Y

Outputs

No Outputs

Unassign Big Data Account from Group

Summary

Unassign Big Data Account from Group

Description

Unassign Big Data Account from Group

Inputs

Input	Description	Mappable To Type	Mandatory
Big Data Account Type	Select Account Type	bigdataAccountType	Y
Select Hadoop Account	Select Hadoop Account	hadoopBigDataAccountIdentity	Y

Outputs

No Outputs

VLAN Processing for vNIC

Summary

VLAN Processing for vNIC

Description

VLAN Processing for vNIC

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Account Name	Select UCS Account Name	ucsAccountName	Y
PXE VLAN Dn	PXE VLAN Dn	gen_text_input	Y
DATA VLAN Dn	DATA VLAN Dn	gen_text_input	Y
DATA VLAN Dn	DATA VLAN Dn	ucsServiceProfilevNICIdentity	Y

Outputs

Output	Description	Type
OUTPUT_PXE_VLAN_IDENTITY	PXE VLAN IDENTITY	ucsVlanIdentity
OUTPUT_DATA_VLAN_IDENTITY	DATA VLAN IDENTITY	ucsVlanIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity



Hyper-V Policy Tasks

This chapter contains the following sections:

- [Hyper-V - Add NIC to VDC Network Policy, on page 2232](#)
- [Hyper-V - Create VDC Computing Policy, on page 2233](#)
- [Hyper-V - Create VDC Networking Policy, on page 2234](#)
- [Hyper-V - Create VDC Storage Policy, on page 2235](#)
- [Hyper-V - Create VDC System Policy, on page 2237](#)
- [Hyper-V - Edit NIC in VDC Network Policy, on page 2239](#)
- [Hyper-V - Edit VDC Computing Policy, on page 2241](#)
- [Hyper-V - Edit VDC Network Policy, on page 2242](#)
- [Hyper-V - Edit VDC Storage Policy, on page 2243](#)
- [Hyper-V - Edit VDC System Policy, on page 2245](#)
- [Hyper-V - Generate Formatted NIC Output, on page 2247](#)

Hyper-V - Add NIC to VDC Network Policy

Summary

Add a NIC to a Hyper-V network policy.

Description

This task adds a NIC to a Hyper-V network policy for a Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Policy Name	HypervNetworkPolicies List	Y
NIC Alias	NIC Alias	gen_text_input	Y
Mandatory	Mandatory or Optional	Boolean	
Allow end user to choose VM Networks	Selecting this option enables end user to choose vm networks during provisioning	Boolean	
Adapter Type	Select adapter type	HyperVAdapterTypes	Y
Network Name	Select Network Name	hypervVMNetwork Identity	Y
Enable MAC Spoofing	Select if need to enable the MAC spoofing	Boolean	
Enable VLAN	Select if need to assign VLAN for the NIC	Boolean	
VLAN ID	VLAN ID	gen_text_input	
Use DHCP	Select if DHCP is used for VM IP address allocation	Boolean	
Static IP Pool	Select an IP pool	hypervIpPoolIdentity	

Outputs

Output	Description	Type
OUTPUT_HYPERV_NETWORK_POLICY_NAME	Hyper-V Network Policy Name	gen_text_input
OUTPUT_HYPERV_NIC_ALIAS	Hyper-V NIC Alias	gen_text_input

Hyper-V - Create VDC Computing Policy

Summary

Create a Hyper-V computing policy.

Description

This task creates a Hyper-V computing policy for the selected Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name.	gen_text_input	Y
Policy Description	Policy Description.	gen_text_input	
Cloud Name	Cloud for which policies apply.	hypervAccountName	Y
Host Node/Cluster Scope	Specify type of HostNode/Cluster scope, include/exclude or all?	scopeType Computing	
Associate SCVMM Cloud	Associate Provisioned VM with SCVMM Cloud	gen_text_input	
Allow Migration to Different CPU Type	Override Template Properties.	Boolean	
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Override Template Properties.	Boolean	
Number of vCPUs	Number of vCPUs	gen_text_input	Y
Enable Dynamic Memory	Memory Configuration	Boolean	Y
Resizing Options	Resizing Options		
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy?	Boolean	
Permitted Values for vCPUs	Comma separated list of number of vCPUs, example: 1,2,4	gen_text_input	Y
Permitted Values for Memory in MB	Comma separated list of memory values in MB, example: 512,1024,2048	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HYPERV_COMPUTE_POLICY_NAME	Hyper-V Computing Policy Name	gen_text_input

Hyper-V - Create VDC Networking Policy

Summary

Create a Hyper-V network policy.

Description

This task creates a Hyper-V network policy for a Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Policy Name	gen_text_input	Y
Description	Policy Description	gen_text_input	
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountName	Y
Allow end user to select optional NICs	Selecting this option enables end user to select optional NICs during provisioning	Boolean	
VM Nic(s)	Add one or more NICs	hypervVMNicsForm ManagedList	

Outputs

Output	Description	Type
OUTPUT_HYPERV_NETWORK_POLICY_NAME	Hyper-V Network Policy Name	gen_text_input
OUTPUT_HYPERV_NIC_ALIAS	Hyper-V NIC Alias	gen_text_input

Hyper-V - Create VDC Storage Policy

Summary

Create a Hyper-V storage policy.

Description

This task creates a Hyper-V storage policy for a Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Cloud Name	Cloud for which policies apply.	hypervAccount Name	Y
Scope	Storage Scope.		
Data Stores Scope	Specify type of data store scope: include/exclude or all	hypervDatastore Scope	Y
Selected Data Stores	List of data stores selected for include/exclude	hypervMulti Datastore	
Use CSV	Select if Cluster Shared Volumes are to be used for VM Storage allocation	Boolean	
Storage Options	Select from the storage options below.		
Use Local Storage	Select if local storage to be used for VM storage allocation	Boolean	
Use SAN	Select if SAN storage to be used for VM storage allocation	Boolean	
Use SMB	Select if SMB storage to be used for VM storage allocation	Boolean	
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Select if template properties to be overridden	Boolean	
Use Dynamic Provisioning	Select if Dynamic Provisioning to be used during VM storage allocation	Boolean	
Custom Disk Size (GB)	Custom Disk Size (GB)	gen_text_input	
Resizing Options for VM lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	

Input	Description	Mappable To Type	Mandatory
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100	gen_text_input	
Allow user to select datastores from scope	Select if user is allowed to choose datastores during SR creation	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERV_STORAGE_POLICY_NAME	Hyper-V Storage Policy Name	gen_text_input

Hyper-V - Create VDC System Policy

Summary

Create a Hyper-V system policy.

Description

This task creates a Hyper-V system policy for a Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Enter description of policy	gen_text_input	
Power On after deploy	Enable this option to power the VM after deployment	Boolean	
VM Name Template	VM Name Template	gen_text_input	Y
Disable VM Name Uniqueness Check	VM name uniqueness check is skipped when this field is selected	Boolean	
Recycle VM Name	Reuse old VM names	Boolean	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Disable Host Name Uniqueness Check	VM host name uniqueness check is skipped when this field is selected	Boolean	
Recycle Host Name	Reuse old Host names	Boolean	
End User Host Name or Host Prefix	Allow end user to provide Host Name or Host Prefix?	Boolean	
Time Zone	Select time zone	hypervTimeZone	Y
GUI Run Once Commands	Comma separated list of GUI run once commands	gen_text_input	
VM Image Type	Select a VM image type	hypervVMImageType	Y
Linux Parameters			
Root Password	Root Password	password	
DNS Domain Name	DNS Domain Name	gen_text_input	
Windows Parameters			
Product ID	Enter product ID	gen_text_input	
Username	Enter username	gen_text_input	
Administrator Password	Enter administrator password	password	
Organization Name	Enter organization Name	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Full Name	Full Name	gen_text_input	
Domain/Workgroup	Domain/Workgroup	hypervDomainList	
Domain	Domain	gen_text_input	
Domain Username	Domain Username	gen_text_input	
Domain Password	Domain Password	gen_text_input	
Workgroup	Workgroup	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HYPERV_SYSTEM_POLICY_NAME	Hyper-V System Policy Name	gen_text_input

Hyper-V - Edit NIC in VDC Network Policy

Summary

Edit a NIC in the Hyper-V network policy.

Description

This task edits a NIC in the Hyper-V network policy for a Hyper-V account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	HypervNetworkPolicies List	Y
NIC Alias	NIC Alias	gen_text_input	Y
Mandatory	Mandatory or Optional	Boolean	
Allow end user to choose VM Networks	Selecting this option enables end user to choose vm networks during provisioning	Boolean	
Adapter Type	Select adapter type	HyperVAdapterTypes	Y
Modify VM Networks	Add or Edit VM Networks in the NIC	Boolean	
Add/Edit VM Network			
Add/Edit VM Network	Select whether to add new VM Network or edit existing VM Network	gen_text_input	
VM Networks Associated with NIC	VM Networks associated with NIC	hypervVMNetwork Identity	
VM Network	Select VM Network	hypervVMNetwork Identity	
Enable MAC Spoofing	Select if need to enable the MAC spoofing	Boolean	
Enable VLAN	Select if need to assign VLAN for the NIC	Boolean	
VLAN ID	VLAN ID	gen_text_input	
Use DHCP	Select if DHCP is used for VM IP address allocation	Boolean	
Static IP Pool	Select an IP pool	hypervIpPoolIdentity	
Port Classification	Select a port classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
OUTPUT_HYPERV_NETWORK_POLICY_NAME	Hyper-V Network Policy Name	gen_text_input
OUTPUT_HYPERV_NIC_ALIAS	Hyper-V NIC Alias	gen_text_input

Hyper-V - Edit VDC Computing Policy

Summary

Modify a Hyper-V computing policy.

Description

This task modifies a Hyper-V computing policy for the selected Hyper-V account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which policies apply.	hypervAccountName	Y
Policy Name	Policy Name.	hypervComputePoliciesList	Y
Policy Description	Policy Description.	gen_text_input	
Host Node/Cluster Scope	Specify type of HostNode/Cluster scope, include/exclude or all?	scopeTypeComputing	
Associate SCVMM Cloud	Associate Provisioned VM with SCVMM Cloud	gen_text_input	
Allow Migration to Different CPU Type	Override Template Properties.	Boolean	
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Override Template Properties.	Boolean	
Number of vCPUs	Number of vCPUs	gen_text_input	Y
Enable Dynamic Memory	Memory Configuration	Boolean	Y
Resizing Options	Resizing Options		
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy?	Boolean	
Permitted Values for vCPUs	Comma separated list of number of vCPUs, example: 1,2,4	gen_text_input	Y
Permitted Values for Memory in MB	Comma separated list of memory values in MB, example: 512,1024,2048	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HYPERV_COMPUTE_POLICY_NAME	Hyper-V Computing Policy Name	gen_text_input

Hyper-V - Edit VDC Network Policy

Summary

Modify a Hyper-V Network policy.

Description

This task modifies the Hyper-V network policy for the selected Hyper-V account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountName	Y
Name	Policy Name	HypervNetworkPoliciesList	Y
Description	Policy Description	gen_text_input	
Allow end user to select optional NICs	Selecting this option enables end user to select optional NICs during provisioning	Boolean	
VM Nic(s)	Add one or more NICs	hypervVMNicsForm ManagedList	

Outputs

Output	Description	Type
OUTPUT_HYPERV_NETWORK_POLICY_NAME	Hyper-V Network Policy Name	gen_text_input

Hyper-V - Edit VDC Storage Policy

Summary

Modify a Hyper-V storage policy.

Description

This task modifies a Hyper-V Storage policy for the selected Hyper-V account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which policies apply.	hypervAccount Name	Y
Policy Name	Policy Name	HypervStorage PoliciesList	Y
Policy Description	Policy Description	gen_text_input	
Scope	Storage Scope.		
Data Stores Scope	Specify type of data store scope: include/exclude or all	hypervDatastore Scope	Y
Selected Data Stores	List of data stores selected for include/exclude	hypervMulti Datastore	
Use CSV	Select if Cluster Shared Volumes are to be used for VM Storage allocation	Boolean	
Storage Options	Select from the storage options below.		
Use Local Storage	Select if local storage to be used for VM storage allocation	Boolean	
Use SAN	Select if SAN storage to be used for VM storage allocation	Boolean	
Use SMB	Select if SMB storage to be used for VM storage allocation	Boolean	
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Select if template properties to be overridden	Boolean	
Use Dynamic Provisioning	Select if Dynamic Provisioning to be used during VM storage allocation	Boolean	
Custom Disk Size (GB)	Custom Disk Size (GB)	gen_text_input	
Resizing Options for VM lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	

Input	Description	Mappable To Type	Mandatory
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100	gen_text_input	
Allow user to select datastores from scope	Select if user is allowed to choose datastores during SR creation	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERV_STORAGE_POLICY_NAME	Hyper-V Storage Policy Name	gen_text_input

Hyper-V - Edit VDC System Policy

Summary

Modify a Hyper-V system policy.

Description

This task modifies the Hyper-V System policy with the selected policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	hypervSystemPolicies List	Y
Policy Description	Enter description of policy	gen_text_input	
Power On after deploy	Enable this option to power the VM after deployment	Boolean	
VM Name Template	VM Name Template	gen_text_input	Y
Disable VM Name Uniqueness Check	VM name uniqueness check is skipped when this field is selected	Boolean	
Recycle VM Name	Reuse old VM names	Boolean	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Host Name Template	Host Name Template	gen_text_input	Y
Disable Host Name Uniqueness Check	VM host name uniqueness check is skipped when this field is selected	Boolean	
Recycle Host Name	Reuse old Host names	Boolean	
End User Host Name or Host Prefix	Allow end user to provide Host Name or Host Prefix?	Boolean	
Time Zone	Select time zone	hypervTimeZone	Y
GUI Run Once Commands	Comma separated list of GUI run once commands	gen_text_input	
VM Image Type	Select a VM image type	hypervVMImageType	Y
Linux Parameters			
Root Password	Root Password	password	
DNS Domain Name	DNS Domain Name	gen_text_input	
Windows Parameters			
Product ID	Enter product ID	gen_text_input	
Username	Enter username	gen_text_input	
Administrator Password	Enter administrator password	password	

Input	Description	Mappable To Type	Mandatory
Organization Name	Enter organization Name	gen_text_input	
Full Name	Full Name	gen_text_input	
Domain/Workgroup	Domain/Workgroup	hypervDomainList	
Domain	Domain	gen_text_input	
Domain Username	Domain Username	gen_text_input	
Domain Password	Domain Password	gen_text_input	
Workgroup	Workgroup	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HYPERV_SYSTEM_POLICY_NAME	Hyper-V System Policy Name	gen_text_input

Hyper-V - Generate Formatted NIC Output

Summary

Generates formatted VM NIC output so that it can be used as input to NON VDC Provisioning task

Description

The task takes input from form managed list for VM NICs and converts it into format which can be supplied as input to the task - Hyper-V - Provision a VM without VDC. The format is given below - [NIC Alias]@[Adapter Type]@[VM Network]@[VM Subnet]@[VLAN Id]@[IsMACSpoofingEnabled]@[IsDHCPEnabled]@[Static IP Pool Id]@[PortClassification] Multiple NICs are comma separated

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system		Y
VM Nic(s)	Add one or more NICs		

Outputs

Output	Description	Type
OUTPUT_FORMATTED_NIC_STRING	Create NIC Output	gen_text_input



HyperFlex Tasks

This chapter contains the following sections:

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Configure VMware Host Power Action

Summary

Powers On/Off a VMware host.

Description

This task performs power actions such as Host Power up from Standby, Down to Standby, Enter Maintenance Mode, and Exit Maintenance Mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the Host for which action need to be performed	vmHost	Y
Host Power Action	Select action	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Create HyperFlex Datastore

Summary

Create a HyperFlex datastore.

Description

This task creates a datastore. You must provide the size in TB, GB, or MB.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select a HyperFlex account name	HyperFlexAccount Identity	Y
Datastore Name	Enter the Datastore Name	gen_text_input	Y
Storage Capacity Available (GB)	Storage Capacity Available in GB		
Size	Enter the Datastore Size	gen_text_input	Y
Size Metric (MB/GB/TB)	Select the size metric for the datastore size (MB, GB, or TB)	HyperFlexUnitSize	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Create HyperFlex ReadyClones of a VM

Summary

Create clones of a VM.

Description

This task creates clones of a VM. Use this task to clone many VMs quickly. Internally, the Hyperflex ReadyClones feature uses VMware vSphere Storage API Array Integration (VAAI) data offloads to clone VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
HX Account Name	Select a HyperFlex account name	HyperFlexAccountName	Y
VM Template Name	Select a VM template name	HyperFlexVMTemplateName	Y
Number of Clones	Enter the Number of Clones to be created	gen_text_input	Y
Customization Spec Name	Select a customization spec name to be applied on the ReadyClone VMs	HyperFlexCustomizationSpec	
Resource Pool Name	Select the resource pool name	vmwareResourcePoolIdentity	
VM Name Prefix	Enter the VM name prefix for the new clones	gen_text_input	Y
Guest Name Prefix	Enter the guest name prefix for the new clones	gen_text_input	Y
Start clone number	Enter the starting clone number for the ReadyClone	gen_text_input	Y
Increment clone number	Enter an integer by which to increment the clone number	gen_text_input	Y
Power ON after deploy	Select to power on ReadyClone VMs after cloning	Boolean	
Protect VM	Enable to protect the ReadyClone VMs	Boolean	
Protection Type	Select the protection type	HyperFlexProtectionTypeList	
Protection Group	Select the protection group	HyperFlexProtectionGroupIdentity	
Interval	Select the replication interval for the protection group	HyperFlexProtectionIntervalList	
Protect now or later	Enable protection now or later	HyperFlexProtectionScheduleList	
Protection Time	Enter the start protection time	date_time	

Input	Description	Mappable To Type	Mandatory
Use VMware Tools to quiesce the virtual machine	Enable to Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_RAPIDCLONE_OUTPUT	HyperFlex Rapid Clone VMs Ids	gen_text_input
OUTPUT_HYPERFLEX_RAPIDCLONE_VMIDENTITIES_OUTPUT	HyperFlex Rapid Clone VMs Identities	gen_text_input
OUTPUT_HYPERFLEX_RAPIDCLONE_VMNAME_OUTPUT	HyperFlex Rapid Clone VMs Names	gen_text_input
OUTPUT_HYPERFLEX_VMWARE_ACCOUNT_IDENTITY	VMWare Account Identity	HyperFlexVMWare AccountIdentity
OUTPUT_VM_IDS	VM IDs	multiVM

Create Protection Group

Summary

Create Protection Group on the HyperFlex Cluster.

Description

This task will create protection group on the HyperFlex Cluster, we can protect multiple VMs by adding them to protection group.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Pair	Select the Replication Pair to be protected	HyperFlexReplicationPair Identity	Y
Name	Enter the name of the Protection Group	gen_text_input	Y
Interval	Select the replication interval for the protection group	HyperFlexProtection IntervalList	Y
Protect now or later	Enable protection now or later	HyperFlexProtection ScheduleList	Y
Protection Time	Enter the start protection time	date_time	
Use VMware Tools to quiesce the virtual machine	Enable to use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity

Delete HyperFlex Datastore

Summary

Delete a HyperFlex datastore.

Description

This task deletes a datastore. The datastore must first be unmounted.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select a HyperFlex account name	HyperFlexAccount Identity	Y
HyperFlex Datastore	Select the HyperFlex datastore to be deleted	HyperFlexDatastore Identity	Y
Are you sure you want to delete the selected datastore?	Datastore delete warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity

Delete PortGroup

Summary

Deletes a port group.

Description

This task deletes a port group that is part of a vSwitch. Once a port group is deleted, all the VMs associated with the port group are associated with the default port group in the default vSwitch of that host.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be deleted.	portGroupIdentity	Y

Outputs

No Outputs

Delete Protection Group

Summary

Delete Protection Group on the HyperFlex Cluster.

Description

This task will delete protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Protection Group	Select Protection Group to delete	HyperFlexProtectionGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity

Edit HyperFlex Datastore

Summary

Change the size of a HyperFlex datastore.

Description

This task modifies the amount of storage allocated to a datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select a HyperFlex account name	HyperFlexAccount Identity	Y
HyperFlex Datastore	Select the HyperFlex datastore to be resized	HyperFlexDatastore Identity	Y
Storage Capacity Available (GB)	Storage Capacity Available in GB		
Size	Enter the new Datastore Size	gen_text_input	Y
Size Metric (MB/GB/TB)	Select the size metric for the datastore Resize (MB, GB, or TB)	HyperFlexUnitSize	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

HX ESXi Host Maintenance Mode

Summary

Puts an ESX server in a storage cluster into HX maintenance mode.

Description

This task puts an ESX server in a storage cluster into HX maintenance mode. This task can perform both entry to and exit from the maintenance mode.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Identity	Select Account Identity	gen_text_input	Y
Account Name		vmwareAccountName	
Cluster		clusterList	
Host Node		vmareHost	
Host Node Id		gen_text_input	
ESXi Action		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Modify Replication Schedule

Summary

Modify Replication Schedule on the HyperFlex Cluster.

Description

This task will modify Protection Group or VM Schedule options like interval, protection time , quiesce type on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Protection Type	Protection Type	HyperFlexProtectionTypeList	Y
Protection Group	Select Protection Group	HyperFlexProtectionGroup Identity	Y
Select VM	Select the VM to be protected	HyperFlexProtectedVMList Popup	Y
Interval	Select the replication interval for the protection group	HyperFlexProtectionInterval List	Y
Protect now or later	Enable protection now or later	HyperFlexProtectionSchedule List	Y
Protection Time	Enter the start protection time	date_time	
Use VMware Tools to quiesce the virtual machine	Enable to use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity
OUTPUT_VM_IDS	VM IDs	multiVM
OUTPUT_HYPERFLEX_PROTECTION_TYPE	Protection Type	HyperFlexProtectionType List

Mount HyperFlex Datastore

Summary

Mount a HyperFlex datastore.

Description

This task mounts a datastore. You select the datastore from a list of available datastores.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select a HyperFlex account name	HyperFlexAccount Identity	Y
HyperFlex Datastore	Select the HyperFlex datastore to be mounted	HyperFlexDatastore Identity	Y
Do you want to Mount the selected datastore?	Mount datastore warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Protect VM

Summary

Protect VM on the HyperFlex Cluster.

Description

This task will protect VM independently or with protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Pair	Select Replication Pair	HyperFlexReplicationPair Identity	Y
Protection Type	Select the Protection Type	HyperFlexProtectionTypeList	Y
Protection Group	Protect VM using either thru Protection Group or Independently	HyperFlexProtectionGroup Identity	Y
Select VM	Select the VM to be protected	HyperFlexUnprotected VMListPopup	Y
Interval	Select the replication interval for the protection group	HyperFlexProtectionInterval List	Y
Protect now or later	Enable protection now or later	HyperFlexProtectionSchedule List	Y
Protection Time	Input the start protection time	date_time	
Use VMware Tools to quiesce the virtual machine	Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_REPLICATION_PAIR_NAME	Name of the Replication Pair	gen_text_input
OUTPUT_HYPERFLEX_REPLICATION_PAIR_IDENTITY	Identity of the Replication Pair	HyperFlexReplicationPair Identity
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity
OUTPUT_VM_IDS	VM IDs	multiVM
OUTPUT_HYPERFLEX_PROTECTION_TYPE	Protection Type	HyperFlexProtectionType List
OUTPUT_HYPERFLEX_VM_PROTECTION_INTERVAL	Protection Interval	HyperFlexProtectionInterval List

Rename HyperFlex Datastore

Summary

Rename a Hyperflex datastore.

Description

This task checks that the new datastore name is not the same as the original and renames the datastore. The datastore must be in an unmounted state.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select a HyperFlex account name	HyperFlexAccountIdentity	Y
Select Datastore	Select the HyperFlex datastore to be renamed	HyperFlexDatastoreIdentity	Y
New Datastore Name	Input the new datastore name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Unassociate UCS VLAN from vNICs

Summary

Dissociate UCS vNICs from a VLAN.

Description

This task verifies that vNICs are associated with a UCS service profile, service profile template, vNIC template or LAN connectivity policy and dissociates the vNICs from VLAN accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Select VLAN to be deleted	ucsVlanIdentity	Y
Host List		gen_text_input	Y
vSwitch Name	Select the vSwitch on which Network connection needs to be deleted.	vmwareVSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input

Unmount HyperFlex Datastore

Summary

Unmounts a HyperFlex datastore.

Description

This task unmounts a datastore. You select the datastore from a list of available datastores.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
HyperFlex Datastore	Select HyperFlex Datastore	HyperFlexDatastore Identity	Y
Unmount the selected datastore?	Unmount datastore warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean

Unprotect VM

Summary

Unprotect VM on the HyperFlex Cluster.

Description

This task will Unprotect VM independently or from protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to disable the Protection	HyperFlexProtectedVMList Popup	Y

Outputs

Output	Description	Type
OUTPUT_VM_IDS	VM IDs	multiVM

Update UCS vNICs

Summary

Associate UCS vNICs with a VLAN.

Description

This task checks that vNICs are associated with a UCS Service Profile, Service Profile Template, vNIC Template, or LAN Connectivity policy and updates the vNICs accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter the VLAN Name	gen_text_input	
VLAN Id	Enter the VLAN Id	gen_text_input	
UCS Account Name	Select a UCS account under which to create the VLAN	ucsAccountName	Y
vSwitch Name	Select the vSwitch on which to create the network connection	vmwareVSwitchIdentity	Y
Host List	Enter the Host List	gen_text_input	Y

Outputs

No Outputs

Validate create Dv port group inputs

Summary

Validate inputs to create a Dv port group.

Description

This task validates its inputs. It returns the following exceptions:

- DV Switch Identity is null.
- Invalid VMware DV Switch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- DV Switch is not configured on all the ESXi hosts in the HX Cluster.
- DV Switch is not configured on any ESXi hosts in the HX Cluster.
- DV Port Group already exists.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
DvSwitch Name	Select the DvSwitch	VMwareDVSwitchIdentity	Y
Dv Port Group Name	Enter the DV port group name to be created	gen_text_input	Y
Number of Ports	Enter number of ports to be created	gen_text_input	Y
Port binding	Select the Port binding type for the ports	VMwareDVPortGroupPort Binding	Y
VLAN ID	Enter the VLAN ID for the network connection	vlanID	
Create VLAN on UCS	Check this option to create the VLAN on UCS	Boolean	
VLAN Name	Enter the VLAN Name	gen_text_input	Y
Fabric ID	Enter the Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccount Identity
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID

Output	Description	Type
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroupIdentity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitchIdentity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate create VMKernel port group inputs

Summary

Validate the inputs to create a VMKernel port group.

Description

This task validates its inputs. It returns the following exceptions:

- vSwitch Identity is null.
- Invalid VMware vSwitch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch on which to add the network connection	vmwareVSwitch Identity	Y
Connection Types	Select the connection type to be added to the vSwitch	gen_text_input	Y
Network Label	Enter the name of the connection type to create	gen_text_input	Y
Enable vMotion	Check this option to enable vMotion	Boolean	
Enable Fault Tolerance	Check this option to enable fault tolerance	Boolean	
Enable Management	Check this option to enable Management	Boolean	
Enable vSphere Provisioning	Check this option to enable vSphere Provisioning	Boolean	
Enable vsan	Check this option to enable vsan	Boolean	
Enable vSphere ReplicationNFC	Check this option to enable vSphere ReplicationNFC	Boolean	
Enable vSphere Replication	Check this option to enable vSphere Replication	Boolean	
VLAN ID	Enter the vLan Id for the network connection	vlanID	
Create VLAN on UCS	Check this option to create the VLAN on UCS	Boolean	
VLAN Name	Enter the VLAN Name	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Fabric ID	Enter the Fabric ID	ucsVlanTypeProvider	
Network Type	Select the network type	gen_text_input	Y
Enable DHCP	Check this option to enable DHCP	Boolean	
Static IP Pool	Provide IP address range or comma separated IP addresses or both	StaticPoolIP	
Subnet Mask	Enter the Subnet Mask	subnetMask	
Gateway IP Address	Enter the IP address of the default gateway for this network	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccount Identity
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate create port group inputs

Summary

Validate the inputs to create a port group.

Description

This task validates its inputs. It returns the following exceptions:

- vSwitch Identity is null.
- Invalid VMware vSwitch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- Port Group already exists on hosts.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vSwitch	Select the vSwitch on which to add a network connection	vmwareVSwitchIdentity	Y
VM Port Group	Name of the VM port group to be created	gen_text_input	Y
VLAN ID	The vLan Id for the network connection	vlanID	
Create VLAN on UCS	Check this option to create the VLAN on UCS	Boolean	
VLAN Name	Enter the VLAN Name	gen_text_input	Y
Fabric ID	Enter the Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity

Output	Description	Type
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate modify Dv port group inputs

Summary

Validate inputs to modify a Dv port group.

Description

This task validates its inputs. It returns the following exceptions:

- Port Group Identity is empty.
- Port Group is null or account, DV Switch or host are empty.
- Invalid VMware DV Switch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- DV Switch is not configured on all the ESXi hosts in the HX Cluster.
- DV Switch is not configured on any ESXi hosts in the HX Cluster.
- DV Port Group already exists.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be Modify	VMwareDVPortgroup Identity	Y
NetWork Label	Enter a Network Label	gen_text_input	
Number of Ports	Enter number of ports to be created	gen_text_input	Y
Port binding	Select the binding type for the ports.	VMwareDVPortGroupPort Binding	Y
VLAN ID	Enter the VLAN ID for the network connection	vlanID	
Create VLAN on UCS	Check this option to create the VLAN on UCS	Boolean	
VLAN Name	Enter the VLAN Name	gen_text_input	Y
Fabric ID	Enter the Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_NETWORK_LABEL	Name of the modified Port Group name	gen_text_input

Output	Description	Type
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroupIdentity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitchIdentity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate modify port group inputs

Summary

Validate the inputs to modify a port group.

Description

This task validates its inputs. It returns the following exceptions:

- Port Group Identity is empty.
- Port Group is null or account, vSwitch or host are empty.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the port group to be modified	portGroupIdentity	Y
NetWork Label	Enter a Network Label	gen_text_input	
VLAN ID	Enter the VLAN ID for the network connection	vlanID	
Create VLAN on UCS	Check this option to create the VLAN on UCS	Boolean	
VLAN Name	Enter the VLAN Name	gen_text_input	Y
Fabric ID	Enter the Fabric ID	ucsVlanTypeProvider	
Connection Types	Select the connection type to be added to the vSwitch	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_NETWORK_LABEL	Name of the modified Port Group name	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity

Output	Description	Type
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input



HyperV Host Tasks

This chapter contains the following sections:

- [Bring Hyper-V Disk Online and Formatting, on page 2280](#)
- [Create Hyper-V VM Placement Path, on page 2281](#)
- [Get UCS Service Profile vNICs associated to Hyper-v Hosts, on page 2282](#)
- [Manage Hyper-V Host Power Actions, on page 2283](#)
- [Mount Hyper-V iSCSI LUN, on page 2284](#)
- [Move Hyper-V Host to Host Group, on page 2285](#)
- [Refresh Hyper-V Host/Cluster, on page 2286](#)
- [Register Host with Hyper-V SCVMM, on page 2287](#)
- [Remove Hyper-V VM Placement Path, on page 2288](#)
- [Run Hyper-V Script Command, on page 2289](#)
- [Unregister Host from Hyper-V SCVMM, on page 2290](#)
- [Validate Hyper-V Cluster, on page 2291](#)

Bring Hyper-V Disk Online and Formatting

Summary

Bring raw disks online attached to a host by formatting and creating partitions.

Description

This task assigns the CD/DVD drive to the Z: drive and performs the following actions to the attached LUN's raw disks (from an external iSCSI-based storage), based on zero partition disk types:

1. Creates the primary partition.
2. Formats the drive to NTFS.
3. Assigns the drive to the next available drive letter.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to unregister	hypervMultiHost	Y
User Name	Enter User Name for the selected host.	gen_text_input	Y
Password	Enter Password for the selected host.	password	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_USER_NAME	Username	gen_text_input
OUTPUT_HOST_VOLUME	Host volume	gen_text_input

Create Hyper-V VM Placement Path

Summary

Add a VM placement path on a host.

Description

This task creates a VM placement path on a HyperV host. The input is a HyperV host disk ID. This ID includes an account name, host name, and drive name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Drive	Select drive to add as VM placement	gen_text_input	Y
Path Name	Specify Path Name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_STORE_PATH	VM store path	gen_text_input

Get UCS Service Profile vNICs associated to Hyper-v Hosts

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host Selection Scope	Choose the UCSM service profile template to disassociate	gen_text_input	Y
Hyper-v Cluster	Choose Hyper-v Cluster	hypervClusterIdentity	Y
Hyper-V Hosts	Choose one or more Hyper-V Hosts	hypervMultiHost	Y

Outputs

Output	Description	Type
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultiVNICIdentity
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Manage Hyper-V Host Power Actions

Summary

Perform Hyperv power actions.

Description

This task performs power actions on a host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Power Action	Select the power action to be executed	gen_text_input	Y
Select Maintenance Mode Action	Select the action to perform when starting maintenance mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Mount Hyper-V iSCSI LUN

Summary

Add an external iSCSI-based storage IP to a software Microsoft iSCSI initiator.

Description

This task starts the Microsoft iSCSI service on a host and adds a persistent IP connection to an external iSCSI-based storage target device, then rescans the disks.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	netAppAllVFilersIdentity	Y
iSCSI Enable IP Address	Select a IP Address.	gen_text_input	Y
Select Host	Select host to unregister	vmwareHostMultiSelect	Y
User Name	Enter User Name for the selected host.	gen_text_input	Y
Password	Enter Password for the selecte host.	password	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_USER_NAME	Username	gen_text_input

Move Hyper-V Host to Host Group

Summary

Move a host to a host group.

Description

This task moves a host to a host group. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Host Group	Select the host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_GROUP_IDENTITY	Host Group Identity	hypervHostGroupIdentity

Refresh Hyper-V Host/Cluster

Summary

Refresh a host or cluster.

Description

This task refreshes a host or cluster. Inventory of the selected Host or Cluster is also performed. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Host/Cluster	Host/Cluster	gen_text_input	Y
Select Host	Select the host to perform the action	hypervHost	Y
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Register Host with Hyper-V SCVMM

Summary

Register a host with SCVMM.

Description

This task registers a host with SCVMM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Group	Select host group	hypervHostGroupIdentity	Y
Register PXE Host	Select this option to register PXE Host to the cloud		
PXEBoot Request ID	The PXEBoot Request ID of the Host that is to be registered with the cloud.	gen_text_input	Y
Host Name	Enter HostName.	gen_text_input	Y
User Name	Enter User Name.	gen_text_input	Y
Password	Enter Password.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Remove Hyper-V VM Placement Path

Summary

Remove a VM placement path.

Description

This task removes a VM placement path on a host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Select Placement Path	Select Placement Path	gen_text_input	Y

Outputs

No Outputs

Run Hyper-V Script Command

Summary

Run a script command on a Hyper-V host.

Description

This task runs script commands remotely on a Hyper-V host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Executable Program	Specify the Executable Program	gen_text_input	Y
Parameters	Specify the parameters	gen_text_input	
Select Script Resource Package	Select the Script Resource Package to perform the operation	hypervCustomResource Identity	
Select Run As Account	Select the Run As Account to perform the operation	hypervRunAsAccount Identity	
Timeout(Seconds)	Specify the timeout in seconds		Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_CUSTOM_RESOURCE_IDENTITY	Custom Resource Identity	gen_text_input

Unregister Host from Hyper-V SCVMM

Summary

Unregister a host from SCVMM.

Description

This task unregisters a host from SCVMM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to unregister	hypervHost	Y
User Name	Enter User Name.	gen_text_input	Y
Password	Enter Password.	gen_text_input	Y

Outputs

No Outputs

Validate Hyper-V Cluster

Summary

Validate a cluster.

Description

This task validates a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity



HyperV Network Tasks

This chapter contains the following sections:

- [Create Hyper-V VM Virtual Network Adapter, on page 2294](#)
- [Remove Hyper-V VM Virtual Network Adapter, on page 2295](#)

Create Hyper-V VM Virtual Network Adapter

Remove Hyper-V VM Virtual Network Adapter



HyperV Tasks

This chapter contains the following sections:

- [Assign Hyper-V Datastore to Group, on page 2298](#)
- [Assign Hyper-V SCVMM Cloud to Group, on page 2299](#)
- [Assign HyperV VM Network to Group, on page 2300](#)
- [Assign Value to Custom Property, on page 2301](#)
- [Create Custom Property, on page 2302](#)
- [Create Hyper-V SCVMM Cloud, on page 2303](#)
- [Delete Hyper-V SCVMM Cloud, on page 2305](#)
- [Edit Hyper-V SCVMM Cloud, on page 2306](#)
- [Initiate Hyper-V SCVMM Objects Inventory, on page 2308](#)
- [Remove Custom Property, on page 2309](#)

Assign Hyper-V Datastore to Group

Summary

:Assign a datastore to a group local to the UCSD appliance.

Description

This task assigns a datastore to a group local to the Cisco UCS Director appliance. A group is a logical grouping of datastores. A datastore can be assigned to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Datastore	Select the datastore name as parent.	hyperVDatastoreIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to datastore.	cuic_multi_user_group_ID	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Assign Hyper-V SCVMM Cloud to Group

Summary

Assign an SCVMM cloud to a group.

Description

This task assigns a Hyper-V SCVMM Cloud to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SCVMM Cloud	Select SCVMM Cloud	hypervSCVMMCloudIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to resource pool.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_SCVMM_CLOUD_IDENTITY	SCVMM Cloud Identity	hypervSCVMMCloudIdentity

Assign HyperV VM Network to Group

Summary

Assign a VMNetwork to a group.

Description

This task assigns a Hyper-V VMNetwork to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network	hypervVMNetworkIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to datastore.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Assign Value to Custom Property

Summary

Assign a value to a custom property for a given target object.

Description

This task assigns or removes a value to or from a custom property for a given object.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select Hyper-v Account	hypervAccountIdentity	Y
Custom Property Object Types	Custom Property Object Types	hypervCustomPropertyObjectsList	Y
Select Custom Properties	Select Custom Properties	hypervNonLegacyCustomPropertyList	Y
Custom Property Value	Custom Property Value	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CUSTOM_PROPERTY_IDENTITY	Custom Property Identity	hypervNonLegacyCustomPropertyList
OUTPUT_CUSTOM_PROPERTY_VALUE_IDENTITY	Custom Property Value Identity	gen_text_input

Create Custom Property

Summary

Create a custom property in SCVMM.

Description

This task creates a custom property in SCVMM against the given objects.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select Hyper-v Account	hypervAccountIdentity	Y
Custom Property Name	Name of the Custom Property	gen_text_input	Y
Custom Property Description	Name of the Custom Property Description	gen_text_input	
Custom Property Object Types	Custom Property Object Types	hypervCustomPropertyObjectsList	Y

Outputs

Output	Description	Type
OUTPUT_CUSTOM_PROPERTY_IDENTITY	Custom Property Identity	hypervNonLegacyCustomPropertyList

Create Hyper-V SCVMM Cloud

Summary

Create an SCVMM cloud.

Description

This task creates an SCVMM Cloud. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Hyper-v Account	Hyper-v Account	hypervAccountName	Y
Name	Specify name for private Cloud	gen_text_input	Y
Description	Specify description for private Cloud	gen_text_input	
Select Host Groups	Select Host groups to be added to the cloud	hypervHostGroupIdentityList	Y
Logical Networks	Select Logical Network	hypervLogicalNetworkIdentityList	
Load Balancers	Select Load Balancer	hypervloadbalancerList	
VIP Templates	Select VIP Templates	hypervVIPTemplateIdentityList	
Port Classifications	Select Port classification	hypervPortClassificationIdentityList	
Storage Classifications	Select Storage classification	hypervStorageClassificationIdentityList	
Stored VM Path	Specify Stored VM Path	gen_text_input	
Library Shares	Select Library Library Shares	hypervlibraryshareList	
Capability Profiles	Select capability profiles	hypervcapabilityprofileidentityList	
Allow Maximum VCPU Count	Allow Maximum VCPU Count	Boolean	
VCPU Count	VCPU Capacity for the cloud	gen_text_input	Y
Use Maximum Memory	Use Maximum Memory	Boolean	
Memory(GB)	Memory Capacity for the cloud	gen_text_input	Y
Use Maximum Storage	Use Maximum Storage	Boolean	
Storage(GB)	Storage Capacity for the cloud	gen_text_input	Y
Use Maximum Custom Quota Points	Use Maximum Custom Quota Points	Boolean	

Input	Description	Mappable To Type	Mandatory
Custom Quota(points)	Custom Quota Points for the cloud	gen_text_input	Y
Allow Maximum Virtual Machine Capacity	Allow Maximum Virtual Machine Capacity	Boolean	
VMs Count	VMs count capacity for cloud	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SCVMM_CLOUD_IDENTITY	SCVMM Cloud Identity	hypervSCVMMCloudIdentity

Delete Hyper-V SCVMM Cloud

Summary

Delete an SCVMM cloud from a virtual account.

Description

This task deletes an SCVMM cloud from a HyperV virtual account. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select SCVMM Cloud	Select SCVMM Cloud to be deleted	hypervSCVMMCloudIdentity	Y

Outputs

Output	Description	Type
OUTPUT_SCVMM_CLOUD_IDENTITY	SCVMM Cloud Identity	hypervSCVMMCloudIdentity

Edit Hyper-V SCVMM Cloud

Summary

Edit an SCVMM cloud.

Description

Use this task to edit an SCVMM Cloud. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Hyper-v Account	Hyper-v Account	hypervAccountName	Y
Select SCVMM Cloud	Specify SCVMM Cloud	hypervSCVMMCloudIdentity	Y
Name	Specify Name for Cloud	gen_text_input	Y
Description	Specify description for private Cloud	gen_text_input	
Select Host Groups	Select Host groups to be added to the cloud	hypervHostGroupIdentityList	Y
Logical Networks	Select Logical Network	hypervLogicalNetworkIdentityList	
Load Balancers	Select Load Balancer	hypervloadbalancerList	
VIP Templates	Select VIP Templates	hypervVIPTemplateIdentityList	
Port Classification	Select Port classification	hypervPortClassificationIdentityList	
Storage Classification	Select Storage classification	hypervStorageClassificationIdentityList	
Stored VM Path	Specify Stored VM Path	gen_text_input	
Library	Select Library	hypervlibraryshareList	
Capability Profiles	Select capability profiles	hypervcapabilityprofileidentityList	
Allow Maximum VCPU Count	Allow Maximum VCPU Count	Boolean	
VCPU Count	VCPU Capacity for the cloud	gen_text_input	Y
Use Maximum Memory	Use Maximum Memory	Boolean	
Memory(GB)	Memory Capacity for the cloud	gen_text_input	Y
Use Maximum Storage	Use Maximum Storage	Boolean	
Storage(GB)	Storage Capacity for the cloud	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Use Maximum Custom Quota Points	Use Maximum Custom Quota Points	Boolean	
Custom Quota(points)	Custom Quota Points for the cloud	gen_text_input	Y
Allow Maximum Virtual Machine Capacity	Allow Maximum Virtual Machine Capacity	Boolean	
VMs Count	VMs count capacity for cloud	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SCVMM_CLOUD_IDENTITY	SCVMM Cloud Identity	hypervSCVMMCloudIdentity

Initiate Hyper-V SCVMM Objects Inventory

Summary

Refresh the inventory for Hyper-V SCVMM objects.

Description

This task refreshes the inventory for Hyper-V SCVMM objects. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Account	Select Hyper V Account	hypervAllAccountListIdentity	Y
Select SCVMM Objects	Select the SCVMM Objects to perform the inventory	scvmmObjectsIdentity	Y

Outputs

No Outputs

Remove Custom Property

Summary

Remove custom properties from an SCVMM cloud.

Description

This task removes custom properties from an SCVMM cloud.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account	Select Hyper-v Account	hypervAccountIdentity	Y
Select Custom Properties	Select Custom Properties	hypervNonLegacyCustomPropertyList	Y

Outputs

Output	Description	Type
OUTPUT_CUSTOM_PROPERTY_IDENTITY	Custom Property Identity	hypervNonLegacyCustomPropertyList



HyperV VM Tasks

This chapter contains the following sections:

- [Add Hyper-V VM Nic, on page 2312](#)
- [Add VM Disk, on page 2313](#)
- [Assign/Unassign VM to SCVMM cloud, on page 2314](#)
- [Clone Hyper-V VM, on page 2315](#)
- [Create Hyper-V VM Snapshot, on page 2316](#)
- [Delete All Hyper-V Snapshots, on page 2317](#)
- [Delete Hyper-V VM, on page 2318](#)
- [Delete Hyper-V VM Snapshot, on page 2319](#)
- [Edit Hyper-V VM Nic, on page 2320](#)
- [Execute Hyper-V VM Power Action, on page 2321](#)
- [HyperV - Mount ISO on a VM, on page 2322](#)
- [HyperV - Provision a VM without VDC, on page 2323](#)
- [HyperV - Unmount ISO from a VM, on page 2326](#)
- [Manage Hyper-V Resource Allocation, on page 2327](#)
- [Mark/Unmark Hyper-V Golden snapshot, on page 2328](#)
- [Provision Hyper-V VM , on page 2329](#)
- [Provision basic HyperV VM, on page 2331](#)
- [Remove Hyper-V VM Disk, on page 2333](#)
- [Remove Hyper-V VM Nic, on page 2334](#)
- [Resize CPU and Memory, on page 2335](#)
- [Resize HyperV VM Disk, on page 2336](#)
- [Resync Hyper-V VM, on page 2337](#)
- [Revert Hyper-V VM Snapshot, on page 2338](#)

Add Hyper-V VM Nic

Summary

Add a VM NIC.

Description

This task adds a VM NIC. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Adapter Type	Select adapter type	gen_text_input	Y
Enable MAC Spoofing	Select if need to enable the MAC spoofing	gen_text_input	
VM Network	Select VM network	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnet Identity	
Use DHCP	Select if DHCP is used for VM IP address allocation		
Port Classification	Select Port Classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Add VM Disk

Summary

Create a new disk for a VM.

Description

This task adds disks to an existing VM. You can configure the size, type and adapters of the disk. Disks can be only be attached to SCSI adapters.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Disk Name	Specify the name of the Virtual Hard Disk to Add	gen_text_input	Y
Disk	Select the disk	gen_text_input	
SCSI Controller	Select the SCSI controller	gen_text_input	Y
Type	Select whether the disk size is fixed or dynamic in nature	gen_text_input	Y
Size (GB)	Select the size of the disk in GB	gen_text_input	Y
Choose Virtual Hard Disk	Choose Virtual Hard disk	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HYPERV_VM_DISK	Name of the Disk	gen_text_input
OUTPUT_VM_ID	ID of the VM	vm

Assign/Unassign VM to SCVMM cloud

Summary

Assign or unassign a VM to or from an SCVMM cloud.

Description

This task assigns or unassigns a VM to or from an SCVMM cloud. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Assign VM to cloud	Assign VM to cloud		Y
Select VM	Select the VM on which to perform the action	vm	Y
Select SCVMM Cloud	Specify SCVMM Cloud	hypervSCVMMCloud Identity	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_SCVMM_CLOUD_IDENTITY	SCVMM Cloud Identity	hypervSCVMMCloud Identity

Clone Hyper-V VM

Summary

Clone a VM.

Description

This task clones a VM. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select VM	vm	Y
Select Groups	Select Groups	cuic_multi_user_group_ID	Y
Category	Select a vDC Category	applicationCategory	Y
VM App Charge Frequency	Select VM App Charge Frequency	hyperVVMAppChargeFrequency	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter In Active VM Application Cost	gen_text_input	
Select VDC	Select VDC	vDC	Y
VM Name or VM Prefix	Enter VM Name or VM Prefix	gen_text_input	
Comment	Enter Comment	gen_text_input	
Provision	Select Provision	provisionPeriod	Y
Provision Time	select Date	date	Y
Lease Time	Enter Lease Time	Boolean	Y
Days	Enter Days	gen_text_input	Y
Hours	Enter Hours	gen_text_input	Y
Select DataStore	Select Datastore	hyperVDatastoreIdentity	
VM Networks	Add one or more networks		

Outputs

Output	Description	Type
OUTPUT_SR_ID	Rest SR ID	gen_text_input
OUTPUT_CLOUD_NAME	Cloud Name	gen_text_input

Create Hyper-V VM Snapshot

Summary

Create a VM Snapshot.

Description

This task creates a snapshot of a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which snapshot need to be created	vm	Y
Snapshot Name	Name of the snapshot	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SNAPSHOT	ID of the Snapshot	gen_text_input
OUTPUT_VM_ID	ID of the VM	vm

Delete All Hyper-V Snapshots

Summary

Delete all the snapshots of a VM.

Description

This task deletes all the snapshots of a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y

Outputs

No Outputs

Delete Hyper-V VM

Summary

Delete a Hyperv VM.

Description

This task deletes and archives a HyperV VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to be deleted	vm	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm

Delete Hyper-V VM Snapshot

Summary

Delete a VM Snapshot.

Description

This task deletes a snapshot of a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which snapshot need to be created	vm	Y
Select Snapshot	List of snapshots	snapshot	Y

Outputs

No Outputs

Edit Hyper-V VM Nic

Summary

Edit a VM NIC.

Description

This task edits a VM NIC. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Select VM Nic	Select VM Nic	hypervVMNicIdentity	Y
Adapter Type	Select adapter type	gen_text_input	Y
Enable MAC Spoofing	Select if need to enable the MAC spoofing	gen_text_input	
VM Network	Select VM network	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnet Identity	
Use DHCP	Select if DHCP is used for VM IP address allocation		
Port Classification	Select Port Classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Execute Hyper-V VM Power Action

Summary

Perform a power action on the HyperV instance.

Description

This task is used to perform the power actions on the HyperV instance like Power On, Off, Pause, Resume, Reboot, Archive, Restore, Shutdown, Terminate.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Instance	Select the VM on which to perform the action	vm	Y
VM Action	VM Action	hypervVMPowerActions	Y

Outputs

No Outputs

HyperV - Mount ISO on a VM

Summary

Mounts an ISO Image on a VM.

Description

This task mounts an ISO Image on a VM CD drive. If the New Drive option is selected, the VM must be in the powered-off state. If it is not, it is powered off and then the ISO image is mounted.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to mount the CD ROM	vm	Y
ISO Image	Select the ISO image	HYPERV_ISO_IMAGE_SELECTOR	Y
CD/DVD Drive Mount Options	Use an existing CD ROM	useExistingCDROM	Y
Select CD ROM	Select a CD ROM	hyperv_vmCDROMs	
Power Off VM	Check to power off the VM. Power-off is required when a new device is connected.	POWER_OFF_VM	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_CD_DRIVE	CD Drive	hyperv_vmCDROMs

HyperV - Provision a VM without VDC

Summary

Provision a HyperV VM without VDC policies and Catalog

Description

This task provisions a new HyperV VM without VDC policies and Catalog. It helps to provision the VM by giving parameters required to provision the VM directly. Note: This task is not intended for publishing to the service end user

Inputs

Input	Description	Mappable To Type	Mandatory
VM Name or VM Prefix	VM Name or VM Prefix	gen_text_input	Y
Select Image	VM Image to provision VM	hyperv_image_identity	Y
Select SCVMM Cloud	Specify SCVMM Cloud	hyperv SCVMMCloud Identity	
Enable Guest Customization	Enable Guest Customization	Boolean	
Host Name Template	Host Name Template	gen_text_input	
Time Zone	Select time zone	hypervTime Zone	
GUI Run Once Commands	Comma separated list of GUI run once commands	gen_text_input	
VM Image Type	Select a VM image type	hyperv VMImage Type	
Linux Parameters			
Root Password	Root Password	password	
DNS Domain Name	DNS Domain Name	gen_text_input	
Windows Parameters			
Product ID	Enter product ID	gen_text_input	
Username	Enter username	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Administrator Password	Enter administrator password	password	
Organization Name	Enter organization Name	gen_text_input	
Full Name	Full Name	gen_text_input	
Domain/Workgroup	Domain/Workgroup	hyperv DomainList	
Domain	Domain	gen_text_input	
Domain Username	Domain Username	gen_text_input	
Domain Password	Domain Password	password	
Workgroup	Workgroup	gen_text_input	
VM Nics	Enter the VM Nics with comma (,) separated in specific text format - [NIC Alias]@[Adapter Type]@[VM Network]@[VM Subnet]@[VLAN Id]@[Is MACspoofingEnabled]@[IsDHCPEnabled]@[Static IP Pool Id]@[PortClassification] Ex - NIC1@Synthetic@CFD_VM_Network_No Isolation@@66@false@true@@@, NIC2@Synthetic@VM_Network_VLAN@@false@SCVMM-38-2k16;VLANNetwork IPPool;6ae309d0-accf-424b-ae15-d7e691dcdd31@High bandwidth	gen_text_input	
Host Node/Cluster	Select the Host Node/Cluster scope	hypervScope SelectionType	Y
Host	select the host node on which VM should be provisioned	hypervHost	
Datastore	Select datastore	hyper VDatastore Identity	Y
Number Of vCPUs	Number of vCPUs	gen_text_input	
Enable Dynamic Memory	Memory Configuration	Boolean	Y
Memory (MB)	Memory (MB)	gen_text_input	
Startup Memory (MB)	Memory (MB)	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Maximum Memory (MB)	Memory (MB)	gen_text_input	
Memory Buffer (%)	Memory (MB)	gen_text_input	
Memory Weight	Memory Weight	gen_text_input	
Custom Disk Size (GB)	Custom Disk Size (GB)	gen_text_input	
Max Wait for Network (mins)	Wait for network to be up for a specified amount of minutes (at the most)	gen_text_input	
Power On After Deploy	Enable this option to power the VM after deployment	Boolean	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_SR_ID	Rest SR ID	gen_text_input
OUTPUT_CLOUD_NAME	Cloud Name	gen_text_input
OUTPUT_VM_NAME	VM Name	gen_text_input
OUTPUT_VM_TYPE	VM Type	gen_text_input
OUTPUT_VM_IP_ADDRESS	VM IP Address	gen_text_input
OUTPUT_CREDENTIAL_OPTIONS	Credential options	credentialOptions
OUTPUT_CREDENTIAL_USERNAME	Username	gen_text_input
OUTPUT_CREDENTIAL_PASSWORD	Password	password
OUTPUT_VM_DEPLOYMENT_STATUS	VM Deployment Status	gen_text_input

HyperV - Unmount ISO from a VM

Summary

Unmount an ISO Image from a VM CD drive.

Description

This task unmounts an ISO Image from a VM CD Drive.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which iso image need to be unmounted	vm	Y
Select CD ROM	Select CD ROM	hyperv_vmCDROMs	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_CD_DRIVE	CD Drive	hyperv_vmCDROMs

Manage Hyper-V Resource Allocation

Summary

Perform resource allocation on a HyperV VM for a given catalog and vDC.

Description

This task identifies hosts and datastores with which to provision a VM, given a catalog and vDC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Catalog	Select Catalog	catalog	Y
Select vDC	Select vDC	vDC	Y

Outputs

Output	Description	Type
OUTPUT_HYPERV_PRIMARY_HOST_NAME	Primary Host Node	gen_text_input
OUTPUT_HYPERV_SECONDARY_HOST_NAME	Secondary Host Node	gen_text_input
OUTPUT_HYPERV_PRIMARY_DATASTORE	Primary Datastore	gen_text_input
OUTPUT_HYPERV_SECONDARY_DATASTORE	Secondary Datastore	gen_text_input

Mark/Unmark Hyper-V Golden snapshot

Summary

Mark a snapshot as a golden snapshot.

Description

This task marks or unmarks a snapshot as a golden snapshot. A golden snapshot cannot be deleted. To be removed, a golden snapshot must be marked as a regular snapshot, then deleted. The output of this task is the name of the snapshot that was marked (or unmarked).

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Select Snapshot	List of snapshots	snapshot	Y
Mark As Golden Snapshot	Mark or Unmark the selected snapshot as golden snapshot.	Boolean	

Outputs

No Outputs

Provision Hyper-V VM

Summary

Provision a Hyper-V VM. The host and datastore inputs must be allocated before running this task.

Description

This task provisions a Hyper-V VM. The task's host and datastore inputs must be allocated before the task runs. The task does not validate these resources, and fails if they are not properly allocated and connected. If you provide both primary and alternate (secondary) resources, the task selects the appropriate resource based on preference rating. To allocate resources in a workflow, see the "Manage Hyper-V Resource Allocation" task, which selects optimal primary and secondary hosts and datastores from a vDC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountName	Y
Select Catalog	Select Catalog on which to perform the action	catalog	Y
Select vDC	Select vDC on which to perform the action	vDC	Y
VM Name or VM Prefix	VM Name or VM Prefix	gen_text_input	
Select Primary Host	Select Primary host	gen_text_input	
Select Primary Datastore	Select Primary Datastore	gen_text_input	
Select Alternate Host	Select Alternate host	gen_text_input	
Select Alternate Datastore	Select Alternate Datastore	gen_text_input	
Enable High Availability	Enable High Availability	gen_text_input	
Number of vCPUs	Number of vCPUs	vCPUCount	
Enable Dynamic Memory	Enable Dynamic Memory	gen_text_input	
Memory	Memory	memSizeMB	
Startup memory(MB)	Startup Memory in MB	gen_text_input	
Maximum memory(MB)	Maximum Memory in MB	gen_text_input	
Memory Buffer(%)	Memory Buffer(%)	gen_text_input	
Memory Weight	Memory Weight	gen_text_input	
Disk	Select disk size	gen_text_input	
Max Wait for Network (mins)	Wait for network to be up for a specified amount of minutes (at the most)		

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_SR_ID	Rest SR ID	gen_text_input

Provision basic HyperV VM

Summary

Provision a HyperV VM.

Description

This task provisions a new VM in selected HyperV cloud using parameters defined in the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	gen_text_input	Y
Select SCVMM Cloud	Specify SCVMM Cloud	hypervSCVMMCloudIdentity	
VM Name or VM Prefix	VM Name or VM Prefix	gen_text_input	
Select Image	VM Image to provision VM	hyperv_image_lov	Y
Select Group	Select Group	userGroup	Y
Select System Policy	Select the system policy	hypervDeploymentPolicyIdentity	Y
VM Nic(s)	Add one or more NICs		
Select Primary Host	Select Primary host	hypervHost	Y
Select Primary Datastore	Select Primary Datastore	hypervDatastoreIdentity	Y
Select Alternate Host	Select Alternate host	hypervHost	
Select Alternate Datastore	Select Alternate Datastore	hypervDatastoreIdentity	
Enable High Availability	Enable High Availability	gen_text_input	
Number of vCPUs	Number of vCPUs	vCPUCount	
Enable Dynamic Memory	Enable Dynamic Memory	gen_text_input	
Memory	Memory	memSizeMB	
Startup memory(MB)	Startup Memory in MB	memSizeMB	
Maximum memory(MB)	Maximum Memory in MB	memSizeMB	
Memory Buffer(%)	Memory Buffer(%)	MemBufferListProvider	
Memory Weight	Memory Weight	MemWeightListProvider	
Disk	Select disk size	diskSizeGB	
Max Wait for Network (mins)	Wait for network to be up for a specified amount of minutes (at the most)	MaxWaitForNetworkList	
Enable Guest Customization	Enable Guest Customization	EnableGuestCustomization	
Select Credential Options	Select Credential Options	credentialOptions	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_SR_ID	Rest SR ID	gen_text_input
OUTPUT_CLOUD_NAME	Cloud Name	gen_text_input
OUTPUT_VM_NAME	VM Name	gen_text_input
OUTPUT_VM_TYPE	VM Type	gen_text_input
OUTPUT_VM_IP_ADDRESS	VM IP Address	gen_text_input
OUTPUT_CREDENTIAL_OPTIONS	Credential options	credentialOptions
OUTPUT_CREDENTIAL_USERNAME	Username	gen_text_input
OUTPUT_CREDENTIAL_PASSWORD	Password	password
OUTPUT_VM_DEPLOYMENT_STATUS	VM Deployment Status	gen_text_input

Remove Hyper-V VM Disk

Summary

Remove a VM Disk.

Description

This task removes a VM disk. Only disks attached to SCSI adapters can be removed.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Disk Name	Specify the name of the Virtual Hard Disk to Remove	gen_text_input	Y

Outputs

No Outputs

Remove Hyper-V VM Nic

Summary

Remove a VM NIC.

Description

This task removes a VM NIC. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Select VM Nic	Select VM Nic	hypervVMNicIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Resize CPU and Memory

Summary

Reconfigure the memory and CPU of a virtual machine.

Description

This task modifies a VM's memory and CPU.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM	vm	Y
CPU Count	Number of CPUs	gen_text_input	
Enable Dynamic Memory	Enable Dynamic Memory.		
Memory (MB)	Memory in MB	gen_text_input	Y
Startup memory (MB)	Startup memory in MB	gen_text_input	Y
Maximum memory (MB)	Maximum memory in MB	gen_text_input	Y
Memory buffer(%)	Memory buffer(%)	gen_text_input	Y
Memory Weight	Memory Weight	gen_text_input	

Outputs

No Outputs

Resize HyperV VM Disk

Summary

Resize a disk on a VM.

Description

This task resizes a VM's disk.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which to be resized	vm	Y
Select Disk	VM Disk	gen_text_input	Y
Current Disk Size (GB)	VM Disk	gen_text_input	
New Disk Size (GB)	New Disk Size of the VM	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm

Resync Hyper-V VM

Summary

Collect inventory of a VM.

Description

This task inventories a VM. The task refreshes the parameters of a VM, including memory, ipaddress, and snapshots.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform the action	vm	Y
Max Wait Time (minutes)	Max Wait Time in minutes		Y

Outputs

Output	Description	Type
VM_ID	VMID of the Selected VM	gen_text_input
VM_NAME	Name of the Selected VM	gen_text_input
VM_ACCOUNTNAME	Account Name of the Selected VM	accountName
VM_PRIMARYIP	Primary IP Address of the VM	ipaddress
VM_HOST	Host of the Selected VM	vmHost
VM_STATUS	Status the VM	gen_text_input
VM_NUM_NICS	Number of NICS on the VM	gen_text_input

Revert Hyper-V VM Snapshot

Summary

Revert a VM snapshot.

Description

This task reverts a snapshot of a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which snapshot need to be reverted	vm	Y
Select Snapshot	List of snapshots	snapshot	Y

Outputs

Output	Description	Type
OUTPUT_SNAPSHOT	ID of the Snapshot	gen_text_input
OUTPUT_VM_ID	ID of the VM	vm



IBM Storwize DataStore Tasks

This chapter contains the following sections:

- [IBM Storwize Add NFS Datastore, on page 2340](#)
- [IBM Storwize Block Volume Datastore, on page 2341](#)
- [IBM Storwize Compressed Block Volume Datastore, on page 2342](#)
- [IBM Storwize Thin Provision Volume Datastore, on page 2343](#)
- [IBM Storwize iSCSI Boot Target, on page 2344](#)

IBM Storwize Add NFS Datastore

Summary

IBM Storwize Add NFS Datastore

Description

This task is used to Create/mount NFS export as datastore

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
NFS Enable IP Address	Enter an IP address	gen_text_input	Y
Hostnode	Select a hostnode.	vmwareHostMultiSelect	Y
NFS Path	Choose an IBM Storwize NFS path	ibmStorwizeNFSPathLovList	Y
Datastore Name	Enter the name of the data store	gen_text_input	
Choose an access node	Select an access mode.	gen_text_input	Y
Success Criteria	Success Criteria	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_DATASTORE_NAME	Output of created NFS datastore name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

IBM Storwize Block Volume Datastore

Summary

IBM Storwize Block Volume Datastore

Description

This task will mount a block volume datastore on the ESXi Host

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Data Store Name	Enter the datastore name for the block volume	gen_text_input	Y
Host Node	Choose one or more host nodes on which to create the data store	gen_text_input	Y
Initiator Type	Choose the initiator type	gen_text_input	
Volume Name	Choose an IBM Storwize volume to associate with the data store	ibmStorwizeVolume Identity	Y
VDC Name	Choose a vDC to assign a storage policy to	vDC	
Success Criteria	Choose success criteria for the task	ibmStorwizeMountData StoreSuccessCriteria	Y

Outputs

Output	Description	Type
IBM_STORWIZE_DATASTORE_NAME	Output of created block datastore name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

IBM Storwize Compressed Block Volume Datastore

Summary

IBM Storwize Compressed Block Volume Datastore

Description

This task will mount a Compressed block volume datastore on the ESXi Host

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Data Store Name	Enter the datastore name for the compressed volume	gen_text_input	Y
Host Node	Choose one or more host nodes on which to create data store	gen_text_input	Y
Initiator Type	Choose the initiator type	gen_text_input	
Volume Name	Choose an IBM Storwize volume to associate with the data store	ibmStorwizeVolume Identity	Y
VDC Name	Choose a vDC to assign a storage policy to	vDC	
Success Criteria	Choose success criteria for the task	ibmStorwizeMountDataStoreSuccessCriteria	Y

Outputs

Output	Description	Type
IBM_STORWIZE_DATASTORE_NAME	Output of created Compressed datastore name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

IBM Storwize Thin Provision Volume Datastore

Summary

IBM Storwize Thin Provision Volume Datastore

Description

This task will mount a thin-provision volume datastore on the ESXi Host

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Data Store Name	Enter data store name for block volume.	gen_text_input	Y
Host Node	Choose one or more host nodes on which to create the data store	gen_text_input	Y
Initiator Type	Choose the initiator type	gen_text_input	
Volume Name	Choose an IBM Storwize volume to associate with the data store	ibmStorwizeVolume Identity	Y
VDC Name	Choose a vDC to assign a storage policy to	vDC	
Success Criteria	Choose success criteria for the task	ibmStorwizeMountData StoreSuccessCriteria	Y

Outputs

Output	Description	Type
IBM_STORWIZE_DATASTORE_NAME	Output of created thin provisioned datastore name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

IBM Storwize iSCSI Boot Target

Summary

IBM Storwize iSCSI Boot Target

Description

This task allows user to configure iSCSI boot targets

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
iSCSI Target Name	Choose an IBM Storwize iSCSI target name	gen_text_input	Y
IPv4 Address	Enter an iSCSI-enabled VLAN IP address on the account	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_ISCSI_NAME	Output of iSCSI name	gen_text_input
IBM_STORWIZE_OUTPUT_ISCSI_ADDRESS	Output of iSCSI nIPv4 Address	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize FC Consistency Group Tasks

This chapter contains the following sections:

- [Create IBM Storwize Consistency Group, on page 2346](#)
- [Delete IBM Storwize Consistency Group, on page 2347](#)
- [Rename IBM Storwize Consistency Group, on page 2348](#)
- [Start IBM Storwize Consistency Group, on page 2349](#)
- [Stop IBM Storwize Consistency Group, on page 2350](#)

Create IBM Storwize Consistency Group

Summary

Create IBM Storwize Consistency Group

Description

This task creates a new consistency group and identification name. The ID of the new group is displayed when the command process completes. If you have created several FlashCopy mappings for a group of volumes that contain elements of data for the same application, you might find it convenient to assign these mappings to a single FlashCopy consistency group. You can then issue a single prepare command and a single start command for the whole group, for example, so that all of the files for a particular database are copied at the same time.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Consistency Group Name	Enter a name for the consistency group	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_NAME	Output of consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize Consistency Group

Summary

Delete IBM Storwize Consistency Group

Description

This task deletes the specified FlashCopy consistency group. If there are mappings that are members of the consistency group, the command fails unless you select the force delete option. When you select the force delete, all of the mappings that are associated with the consistency group are removed from the group and changed to stand-alone mappings.

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to delete	ibmStorwizeConsistencyGroup Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_NAME	Output of consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Rename IBM Storwize Consistency Group

Summary

Rename IBM Storwize Consistency Group

Description

This task assigns a new name for the selected consistency group

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to rename	ibmStorwizeConsistencyGroupIdentity	Y
Consistency Group Name	Enter a new name for consistency group	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	ibmStorwizeConsistencyGroupIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_NAME	Output of consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Start IBM Storwize Consistency Group

Summary

Start IBM Storwize Consistency Group

Description

This task starts a consistency group, which results in a point-in-time copy of the source volumes of all mappings in the consistency group

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to start	ibmStorwizeConsistencyGroup Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_NAME	Output of consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Stop IBM Storwize Consistency Group

Summary

Stop IBM Storwize Consistency Group

Description

This task stops a group of mappings in a consistency group. If the copy process is stopped, the target disks become unusable unless they already contain complete images of the source

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Select consistency group to stop	ibmStorwizeConsistencyGroup Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_IDENTITY	Output of consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_CONSISTENCY_GROUP_NAME	Output of consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize FC Mapping Tasks

This chapter contains the following sections:

- [Create IBM Storwize Flash Copy Mapping, on page 2352](#)
- [Delete IBM Storwize Flash Copy Mapping, on page 2354](#)
- [Move IBM Storwize FC Mapping To Consistency Group, on page 2355](#)
- [Remove IBM Storwize Flash copy From Group, on page 2356](#)
- [Rename IBM Storwize Flash Copy Mapping, on page 2357](#)
- [Start IBM Storwize Flash Copy Mapping, on page 2358](#)
- [Stop IBM Storwize Flash Copy Mapping, on page 2359](#)

Create IBM Storwize Flash Copy Mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Name	Enter a name	gen_text_input	Y
Master Volume	Choose a master volume	ibmStorwizeRcMasterVolList	
Auxiliary Volume	Choose an auxiliary volume	ibmStorwizeRcAuxiliaryVolList	
Select a preset	Check to enable preset	IBMStorwizeBooleanList	
Type	Choose a copy type	ibmStorwizeFcTypeList	
Advanced Setting	Advanced Setting		
Background Copy Rate	Enter the rate for the copy process. A faster rate increases the priority of the process, which can affect performance of other operations.	gen_text_input	
Incremental	Check to enable incremental copy. Incremental copy duplicates only the parts of the source volumes that have changed since the last copy. Incremental copies reduce the time required for the copy operation.	IBMStorwizeBooleanList	
Delete mapping after completion	Check this option to automatically delete flash copy mappings after the background copy is completed. Do not use this option when the background copy rate is set to 0.	IBMStorwizeBooleanList	
Cleaning Rate	Enter the value that minimizes the amount of time when the mapping is in the stopping state. If the mapping has not completed, the target volume goes offline while the mapping is stopped.	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Delete IBM Storwize Flash Copy Mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy	Choose a flash copy mapping to delete	ibmStorwizeFlashCopy MappingIdentity	Y
Delete the FlashCopy mapping even when the data on the target volume is inconsistent or if the target volume has other dependencies.	Warning message		
Force Delete	Check this option to perform recursive deletion	IBMStorwizeBoolean List	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopy MappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Move IBM Storwize FC Mapping To Consistency Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy Mapping	Choose a flash copy mapping to add to the consistency group	ibmStorwizeFlashCopyMapping Identity	Y
Consistency Groups	Choose a consistency group	ibmStorwizeConsistencyGroup Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopy MappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Remove IBM Storwize Flash copy From Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy Mapping	Choose a flash copy mapping to remove from the consistency group	ibmStorwizeFlashCopy MappingIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopy MappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Rename IBM Storwize Flash Copy Mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy Mapping	Choose a flash copy mapping to rename	ibmStorwizeFlashCopyMappingIdentity	Y
Flash Copy Mapping Name	Enter a new name the flash copy mapping	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Start IBM Storwize Flash Copy Mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy mapping	Choose a flash copy mapping to start	ibmStorwizeFlashCopyMappingIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input

Stop IBM Storwize Flash Copy Mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy mapping	Flash Copy mapping	ibmStorwizeFlashCopyMapping Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopy MappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_MAPPING_NAME	Output of FlashCopy Mapping name	gen_text_input



IBM Storwize FileSet Tasks

This chapter contains the following sections:

- [Delete IBM Storwize File Set, on page 2362](#)
- [New IBM Storwize File Set, on page 2363](#)

Delete IBM Storwize File Set

Summary

Delete IBM Storwize File Set

Description

This task deletes the selected file set. If the file set is linked it will be unlinked. If the file set contains any linked child file sets they are also unlinked. The task fails if the file set contains snapshots, the snapshots must be deleted prior deleting the file set. The root file set cannot be deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
File Set	Choose an IBM Storwize file set to be deleted	ibmStorwizeFileSet Identity	Y
Deleting the file set also deletes all data that the file set contains Do you want to continue?			
* To confirm, type YES	Enter YES for recursive delete		Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILESET_IDENTITY	Output of file set identity	ibmStorwizeFileSet Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILESET_NAME	Output of file set name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

New IBM Storwize File Set

Summary

New IBM Storwize File Set

Description

This task creates a new file set using the specified name. The file sets root can be anywhere in the directory structure of the parent file system. The sets include all files and directories above that junction point. When creating a file set, the base directory path must exist. However, the directory (or junction point) that is being defined must not exist already, because it is to be created as part of the file set creation process. You must also define the file set as either dependent or independent. A dependent file set shares the same file system and inode definitions as the parent independent file set that contains it. If set to independent, the file set has its own inode space. That allows for independent management, such as quotas. When a file system is created, an initial file set is also created automatically in the root directory.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account Name	Choose an IBM Storwize account	accountName	Y
File Set Type	Choose a file set type	ibmStorwizeFileSet Type	Y
Junction Path	Choose the path. The junction path must be on one of the file systems and not refer to any existing file or directory. Example of a valid path: file_system_path/existing_sub_directory/new_sub_directory. Example of an invalid path: file_system_path/existing_sub_directory/new_sub_directory1/new_sub_directory2. The linking process cannot create more than one new subdirectory.	ibmStorwizeFileSet JunctionPath Identity	Y
Subdirectory	Enter the subdirectory to which the file set belongs	gen_text_input	Y
Name	Enter the name of the file set	gen_text_input	Y
Owner	Enter the owner of the path. The owner can be a user name or a combination of domain and user name. For example: admin1 or domain1\admin1. Owner can be specified as 'root'. Changes are possible only while the file system is empty.	gen_text_input	Y
Group	Enter an associated group for the path. Explicitly configure access the control list if read or write access is required for the group.	gen_text_input	
Comments	Specify the comment that appears in the output of the "lsfset" command.	gen_text_input	
Type	Choose a file set type. Independent file sets allow for snapshots and group quotas. Dependent file sets support quotas only at the level of file system that contains the file set. There are other differences	ibmStorwizeFileSet SubType	Y

Input	Description	Mappable To Type	Mandatory
	between the two types for inode space, WAN caching, deletion, and linking.		
Independent parent file set that dependent file set belongs to		gen_text_input	
Maximum number of inodes	Enter a maximum number of inodes that the file set can use. This value depends on the available inodes in the file system. The minimum number of inodes that must be available to create a file set is 1024. You cannot reduce the maximum number of inodes to less than the number of allocated inodes. The system rounds up the value that you enter to fit into the blocks needed to accommodate the request. As a result, the maximum number of inodes can be higher than value that you entered.	gen_text_input	
Allocated number of inodes	Enter a number of inodes to be allocated when the file set is created. Allocating inodes increases the time it takes to add file sets to system; however, all subsequent writes are faster. The number of maximum allowed inodes cannot be decreased below the allocated number. To allocate all inodes for a files set, specify 0. The system rounds up to fit into the blocks needed to accommodate the request. As a result, the maximum number of inodes can be higher than the value that you entered.	gen_text_input	
Set a quota	Check to enable quota creation	gen_text_input	
Soft limit	Enter the soft quota limit. At the soft quota limit, a grace period starts. Data can be written until the grace period expires, or until hard quota limit is reached.	gen_text_input	
		ibmStorwizeQuota SoftHardLimitUnits	
Hard limit	Enter the hard limit value. At the hard quota limit, additional data cannot be stored until files are removed. Root user allocation has no quota limits.	gen_text_input	
		ibmStorwizeQuota SoftHardLimitUnits	
Snapshot	Choose one or more snapshots to associate with the file set	ibmStorageFileSet SnapshotRule Identity	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILESET_IDENTITY	Output of file set identity	ibmStorwizeFileSet Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILESET_NAME	Output of file set name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize FileShare Tasks

This chapter contains the following sections:

- [Active OR Deactive IBM Storage File Share, on page 2368](#)
- [Add NFS Client to IBM Storwize File Share, on page 2369](#)
- [Allocate IP to IBM Storwize Network of NAS Clients, on page 2371](#)
- [Create IBM Storwize File Share, on page 2372](#)
- [Create Network for IBM Storwize NAS Clients, on page 2374](#)
- [Deallocate IP from IBM Storwize Network of NAS Clients, on page 2376](#)
- [Delete IBM Storwize File Share, on page 2377](#)
- [Delete IBM Storwize Network of NAS Clients, on page 2378](#)
- [Remove NFS Client from IBM Storwize File Share, on page 2379](#)

Active OR Deactive IBM Storage File Share

Summary

Active OR Deactive IBM Storage File Share

Description

This task enables the CIFS or NFS share for the specified export. The export must exist.

Inputs

Input	Description	Mappable To Type	Mandatory
File Share	Choose an IBM Storwize fileshare to activate or deactivate	ibmFileShareIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SHARE_IDENTITY	Output of file share identity	ibmFileShareIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILE_SHARE_NAME	Output of file share name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Add NFS Client to IBM Storwize File Share

Summary

Add an NFS Client to an IBM Storwize File Share.

Description

This task associates an NFS client to an NFS file share. Once associated with read/write access, the datastore can be created on the corresponding NFS file share.

Inputs

Input	Description	Mappable To Type	Mandatory
File Share	Choose an IBM Storwize file share to which to add an NFS client	ibmFileShareIdentity	Y
Client Hostname or IP	Enter a client hostname or IP	gen_text_input	Y
Read Only Access	Check to enable read-only access	IBMStorwizeBooleanList	
Root Squash	Choose the root squash type. Allows mapping either the root UID or all client UIDs to the anonymous UID.	IBMStorwizeRootSquashBooleanList	Y
Secure	Check to enable secure. With this feature enabled, the system prevents access to requests that originate from port numbers greater than a hard-coded threshold value of 1024.	IBMStorwizeBooleanList	
Anonymous UID	Enter the anonymous UID for the root user when its host does not have root access. Default value is -2.	gen_text_input	
Anonymous GID	Enter the anonymous GID for the root user when its host does not have root access. Default value is -2.	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SHARE_IDENTITY	Output of file share identity	ibmFileShareIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILE_SHARE_NAME	Output of file share name	gen_text_input
IBM_STORWIZE_OUTPUT_NFS_CLIENT_IDENTITY	Output of NFS Client identity	ibmNFSCClientIdentity

Output	Description	Type
IBM_STORWIZE_OUTPUT_ DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Allocate IP to IBM Storwize Network of NAS Clients

Summary

Assign additional IPs to an IBM Storwize network of NAS clients.

Description

This task adds additional interface IP addresses and gateway IP addresses to an already-created IBM Storwize network.

Inputs

Input	Description	Mappable To Type	Mandatory
Network of NAS Client	Select IBM Storwize Network to add	ibmNetworkForNASClient Identity	Y
IP Address	Pool of IP Pools to be assigned to network interfaces that are attached to this network	gen_text_input	
Additional gateways	List of additional gateways for subnet of this network	IBMStorwizeBooleanList	
Subnet	Subnet in CIDR notation	gen_text_input	Y
IP Address	Gateway IP Address	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_NETWORK_FOR_NFS_CLIENT_IDENTITY	Output of Network for NAS Clients identity	ibmNetworkForNASClientIdentity
IBM_STORWIZE_OUTPUT_ADDITIONAL_INTERFACE_IP	Output of Additional Interface IP	gen_text_input
IBM_STORWIZE_OUTPUT_ADDITIONAL_GATEWAY_IP	Output of Additional Gateway IP	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Create IBM Storwize File Share

Summary

Create IBM Storwize File Share

Description

This task creates an export for a specified path. Each export picks up a junction point in the file system. It then presents these files and subdirectories that are in the directory as allowed by the authentication process. These directory structures and files are shared by using the selected network sharing protocols that the hosts use to access the export.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account Name	Enter Account name	accountName	Y
Share Type	select share type	ibmStorwizeFileShareType	Y
Path	Select file share path	ibmStorwizeFileSetJunctionPathIdentity	Y
Share Name	Enter file share name	gen_text_input	Y
Owner	Enter owner name	gen_text_input	Y
Create Directory	Select for creating new directory	IBMStorwizeBooleanList	
CIFS	CIFS		
Read Only Access	Enable for Read only Access	IBMStorwizeBooleanList	
Browsable by File System Browser	Browsable by File System Browser	IBMStorwizeBooleanList	
Hide Objects	Hide Objects	IBMStorwizeBooleanList	
Comment	Enter Comment	gen_text_input	
Display Access Control Lists with CIFS	Display access control lists with CIFS	IBMStorwizeBooleanList	
Cache Policy	select cache policy type	ibmStorwizeFileShareCachePolicyType	Y
Share Permissions	Specify permission for share	gen_text_input	
User/Group/SID	Enter a user, a group, or a security identifier (SID) to use while accessing the share	gen_text_input	
Access	Choose the access level	ibmStorwizeFileShareAccessType	
Hide the shares from the user without permission to read	Check to enable share hiding. The share hiding is controlled by share permissions and not by file system ACLs.	IBMStorwizeBooleanList	

Input	Description	Mappable To Type	Mandatory
Value	Choose a value type for share permissions	ibmStorwizeFileShareAccessValueType	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SHARE_IDENTITY	Output of file share identity	ibmFileShareIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILE_SHARE_NAME	Output of file share name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_NFS_CLIENT_IDENTITY	Output of NFS Client identity	ibmNFSClientIdentity
IBM_STORWIZE_OUTPUT_FILE_SHARE_PATH	Output of File share path	gen_text_input

Create Network for IBM Storwize NAS Clients

Summary

Create a network for IBM Storwize NAS Clients.

Description

This task creates a network for systems that connect to external clients. A public network must be configured and available. The public network can include any network interface used to provide NAS services to external clients in the customer network.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select Account name	accountName	Y
Network IP Address	The IP Address of Subnet	gen_text_input	Y
Network Mask	The Network Mask of the Subnet	gen_text_input	Y
VLAN ID	VLANID must be in a range of 2 to 4094. VLANID 1 is not recommended and supported	gen_text_input	
Default gateway	The default gateway is used when an IP address match any other subnet of additional gateways	gen_text_input	
Public Network IP Pool			
IP Address	Pool of IP Pools to be assigned to network interfaces that are attached to this network	gen_text_input	Y
Additional gateways	List of additional gateways for subnet of this network	IBMStorwizeBoolean List	
Subnet	Subnet in CIDR notaion	gen_text_input	Y
IP Address	IP Address	gen_text_input	Y
Interface	The network interface to use for attaching the public data network	IBMStorwizeNetwork InterfaceList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_NETWORK_FOR_NFS_CLIENT_IDENTITY	Output of Network for NAS Clients identity	ibmNetworkFor NASClientIdentity
IBM_STORWIZE_OUTPUT_SUBNET	Output of Network Subnet	gen_text_input
IBM_STORWIZE_OUTPUT_ADDITIONAL_INTERFACE_IP	Output of Additional Interface IP	gen_text_input

Output	Description	Type
IBM_STORWIZE_OUTPUT_ADDITIONAL_GATEWAY_IP	Output of Additional Gateway IP	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Deallocate IP from IBM Storwize Network of NAS Clients

Summary

Remove an IP from an IBM Storwize network of NAS clients.

Description

This task removes an interface IP address or Gateway IP address from an IBM Storwize network of NAS clients.

Inputs

Input	Description	Mappable To Type	Mandatory
Network of NAS Client	Select IBM Storwize Network to remove additional interface and gateway IP	ibmNetworkForNASClientIdentity	Y
IP Address	Select particular default gateway that needs to be removed	gen_text_input	
Additional gateways	Select if additional gateways need to be removed	IBMStorwizeBooleanList	
Subnet with IP Address	Select particular additional gateway that need to be removed	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_NETWORK_FOR_NFS_CLIENT_IDENTITY	Output of Network for NAS Clients identity	ibmNetworkForNASClientIdentity
IBM_STORWIZE_OUTPUT_ADDITIONAL_INTERFACE_IP	Output of Additional Interface IP	gen_text_input
IBM_STORWIZE_OUTPUT_ADDITIONAL_GATEWAY_IP	Output of Additional Gateway IP	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize File Share

Summary

Delete IBM Storwize File Share

Description

This task removes the export from the cluster. If a cluster is not denoted, the default cluster is used. If the users are already mapped to an export, they will be disconnected if the export is removed.

Inputs

Input	Description	Mappable To Type	Mandatory
File Share	Choose an IBM Storwize fileshare to be deleted	ibmFileShareIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SHARE_IDENTITY	Output of file share identity	ibmFileShareIdentity
IBM_STORWIZE_OUTPUT_FILE_SHARE_NAME	Output of file share name	gen_text_input

Delete IBM Storwize Network of NAS Clients

Summary

Delete an IBM Storwize network of NAS clients.

Description

This task removes an IBM Storwize network that includes devices used to provide NAS services to external clients in the customer network.

Inputs

Input	Description	Mappable To Type	Mandatory
Network of NAS Client	Select IBM Storwize Network to delete	ibmNetworkForNASClient Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_NETWORK_FOR_NFS_CLIENT_IDENTITY	Output of Network for NAS Clients identity	ibmNetworkForNASClientIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Remove NFS Client from IBM Storwize File Share

Summary

Remove an NFS client from an IBM Storwize file share.

Description

This task dissociates an NFS client from an NFS file share.

Inputs

Input	Description	Mappable To Type	Mandatory
File Share	Choose an IBM Storwize fileshare	ibmFileShareIdentity	Y
NFS Client	Choose an IBM Storwize NFS client to delete	ibmNFSCClientIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SHARE_IDENTITY	Output of file share identity	ibmFileShareIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILE_SHARE_NAME	Output of file share name	gen_text_input
IBM_STORWIZE_OUTPUT_NFS_CLIENT_IDENTITY	Output of NFS Client identity	ibmNFSCClientIdentity
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize File Systems Tasks

This chapter contains the following sections:

- [Add Pool to IBM Storwize File System, on page 2382](#)
- [Create IBM Storwize Compressed File System, on page 2383](#)
- [Create IBM Storwize File System, on page 2385](#)
- [Create IBM Storwize Migration-ILM File System, on page 2386](#)
- [Delete IBM Storwize File System, on page 2388](#)
- [Edit IBM Storwize File System, on page 2389](#)
- [Mount IBM Storwize File System, on page 2390](#)
- [Remove Pool from IBM Storwize File System, on page 2391](#)
- [Replicate IBM Storwize File System, on page 2392](#)
- [Unmount IBM Storwize File System, on page 2393](#)

Add Pool to IBM Storwize File System

Summary

Add a pool to an IBM Storwize file system.

Description

This task adds storage by adding a pool to a file system.

Inputs

Input	Description	Mappable To Type	Mandatory
File System Name	Choose an IBM file system to which to add the pool	ibmStorwizeFileSystemIdentity	Y
Name	Enter the name of the file system pool to create. The pool name must be unique to the file system.	gen_text_input	Y
Storage Pool	Choose a storage pool	ibmStorwizePoolIdentity	Y
Size(GB)	Enter the storage pool size in GB	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystemIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_POOL_NAME	Output of File System Pool Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_SIZE	Output of File System Size	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Create IBM Storwize Compressed File System

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select account name	accountName	Y
File System Name	The name of the file system to be created	gen_text_input	Y
Owner	Sets the owner of the path. It can be a user name, or a combination of domain and user name. for example, admin1 or domain1\admin1. You can specify 'root' as an owner. Changes are possible only while the filesystem is empty.	gen_text_input	Y
Owning group	Sets the owner of the path. It can be a user name, or a combination of domain and user name. for example, admin1 or domain1\admin1. You can specify 'root' as an owner	gen_text_input	Y
File system pool settings	File system pool settings		
System(non compressed)	Select storage pool	ibmStorwizePool Identity	Y
Size(GB)	Enter storage pool size	gen_text_input	Y
System(metadata)	Select storage pool	ibmStorwizePool Identity	Y
Size(GB)	Enter storage pool size	gen_text_input	Y
In order to enable metadata replication Please select a pool from System(metadata)			
System(compressed)	Select storage pool	ibmStorwizePool Identity	Y
Size(GB)	Enter storage pool size	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName

Output	Description	Type
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILESET_JUNCTIONPATH_IDENTITY	Output of file set junction path identity	ibmStorwizeFileSet JunctionPathIdentity

Create IBM Storwize File System

Summary

Create IBM Storwize File System

Description

This task creates a cluster file system. A file system is the physical structure that an operating system uses to store and organize files on a storage system. The block size and replication affects file system performance. The minimum supported physical capacity (size on disk) for a filesystem is 100GB. This provides the base file system and global namespace from which shares and exports can be created. Therefore, each file system comprises a structure of directories or paths that are based on a single root. Any of these directories can be used to create a share or export.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select Account name	accountName	Y
File System Name	The name of the file system to be created.	gen_text_input	Y
Owner	Sets the owner of the path. It can be a user name, or a combination of domain and user name. for example, admin1 or domain1\admin1. You can specify 'root' as an owner. Changes are possible only while the filesystem is empty.	gen_text_input	Y
File System Pool Name	Enter file system pool name		Y
Storage Pool	Select storage pool	ibmStorwizePool Identity	Y
File System Size	Enter file system size	gen_text_input	Y
File System Size Units	File System Size Units		

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILESET_JUNCTIONPATH_IDENTITY	Output of file set junction path identity	ibmStorwizeFileSet JunctionPathIdentity

Create IBM Storwize Migration-ILM File System

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select account name	accountName	Y
File System Name	The name of the file system to be created	gen_text_input	Y
Owner	Sets the owner of the path. It can be a user name, or a combination of domain and user name. for example, admin1 or domain1\admin1. You can specify 'root' as an owner	gen_text_input	Y
Owning group	Name or GID of group that is associated with the path	gen_text_input	Y
File system pool settings	File system pool settings		
System	Select storage pool	ibmStorwizePoolIdentity	Y
Size(GB)	Enter storage pool size	gen_text_input	Y
System(metadata)	Select storage pool	ibmStorwizePoolIdentity	
Size(GB)	Enter storage pool size	gen_text_input	
In order to enable metadata replication Please select a pool from System(metadata)	help		
Name	The name of the file system pool to create. The pool name must be unique per file system.	gen_text_input	Y
Compressed	Select compression for the file system pool .You cannot change compression settings after a file system pool has been created.	IBMStorwizeBooleanList	Y
Storage Pool	Select storage pool	ibmStorwizePoolIdentity	Y
Size(GB)	Enter storage pool size	gen_text_input	Y
Migration start threshold (%)	Migration will start automatically when the used capacity of file system exceeds this value	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Migration stop threshold (%)	Migration will stop automatically when the used capacity of file system decreases below this value	gen_text_input	Y
Enable Migration Schedule	In addition to the migration being started automatically when the start threshold is reached .you may also choose to schedule the migration policy to run at a specific time.	IBMStorwizeBooleanList	
Type	Select the type	ibmStorwizeMigration ILMFileSystemSchedule TypeList	Y
Time Of Day	Select the time of day	ibmStorwizeMigration ILMFileSystemSchedule TimeList	Y
Day of the Week	Select the day of the week	ibmStorwizeMigration ILMFileSystemDayOf WeekTimeList	Y
Days of the week	Select the days of the week	IBMSTORAGEDaysOf Week	
Day of Month	Select the day of month	ibmStorwizeMigration ILMFileSystemDayOf MonthTimeList	Y
Days of Month	Select the days of month	IBMSTORAGEDaysOf Month	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILESET_JUNCTIONPATH_IDENTITY	Output of file set junction path identity	ibmStorwizeFileSet JunctionPathIdentity

Delete IBM Storwize File System

Summary

Delete IBM Storwize File System

Description

This task deletes all the disks that belong to this file system, along with the data on it. Before deleting a file system, you must unmount it from all nodes. The file system cannot be deleted until all the exports are deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
FileSystem	Choose a file system to delete	ibmStorwizeFileSystemIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystemIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input

Edit IBM Storwize File System

Summary

Edit an IBM Storwize file system.

Description

This task edits a file system. The size of the file system can be modified by adding or removing disks associated with it. Reducing the size of the file system can cause loss of data.

Inputs

Input	Description	Mappable To Type	Mandatory
FileSystem	Choose a file system to edit	ibmStorwizeFileSystem Identity	Y
File System Pool	Choose a file system pool to resize	gen_text_input	Y
File System Size(GB)	Enter a file system pool size in GB. The minimum supported physical capacity (size on disk) for a file system is 100GB.	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_POOL_NAME	Output of File System Pool Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_SIZE	Output of File System Size	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Mount IBM Storwize File System

Summary

Mount IBM Storwize File System

Description

This task mounts the specified file system on all interface and management nodes or a specified subset of nodes. If nodes are specified, those nodes must be suspended. If a cluster is not denoted, the default cluster is used. Any exports deactivated due to previous unmounts will be reactivated once all non-suspended nodes have mounted the file system again.

Inputs

Input	Description	Mappable To Type	Mandatory
File System	Choose a file system to mount	ibmStorwizeFileSystemIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystemIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input

Remove Pool from IBM Storwize File System

Summary

Remove a pool from an IBM Storwize file system.

Description

This task removes a pool from a file system. Disk removal is possible down to the supported size of File system.

Inputs

Input	Description	Mappable To Type	Mandatory
FileSystem	Choose an IBM file system from which to remove the pool	ibmStorwizeFileSystem Identity	Y
File System Pool	Choose a file system pool to remove	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_POOL_NAME	Output of File System Pool Name	gen_text_input
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_SIZE	Output of File System Size	gen_text_input
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Replicate IBM Storwize File System

Summary

Replicate IBM Storwize File System

Description

This task declares a source cluster and a local path for replication.

Inputs

Input	Description	Mappable To Type	Mandatory
FileSystem	Choose an IBM file system to replicate	ibmStorwizeFileSystem Identity	Y
Source cluster ID	Enter the ID value of the source cluster that uses the local path for replication	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystem Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input

Unmount IBM Storwize File System

Summary

Unmount IBM Storwize File System

Description

This task unmounts the specified file system on all nodes or a specified set of nodes. If nodes are specified, those nodes must be suspended. Suspended nodes may need to be restarted with the stopcluster command in order to enable the file system to fully unmount. If unmounting on non-suspended nodes, all active exports must be deactivated before unmounting.

Inputs

Input	Description	Mappable To Type	Mandatory
FileSystem	Choose a file system to unmount	ibmStorwizeFileSystemIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_IDENTITY	Output of File System identity	ibmStorwizeFileSystemIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_FILE_SYSTEM_NAME	Output of File System Name	gen_text_input



IBM Storwize FlashCopy Tasks

This chapter contains the following sections:

- [Create IBM Storwize FlashCopy Backup, on page 2396](#)
- [Create IBM Storwize FlashCopy Clone, on page 2397](#)
- [Create IBM Storwize FlashCopy Snapshot, on page 2398](#)
- [Delete IBM Storwize FlashCopy, on page 2399](#)

Create IBM Storwize FlashCopy Backup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy	Choose a flash copy	ibmStorwizeFlashCopyIdentity	Y
Volume Name	Enter a name for the backup	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_IDENTITY	Output of Flash Copy identity	ibmStorwizeFlashCopyIdentity
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FLASHCOPY_NAME	Output of FlashCopy name	gen_text_input

Create IBM Storwize FlashCopy Clone

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy	Choose a flash copy	ibmStorwizeFlashCopyIdentity	Y
Volume Name	Enter a name for the clone	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_IDENTITY	Output of Flash Copy identity	ibmStorwizeFlashCopyIdentity
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FLASHCOPY_NAME	Output of FlashCopy name	gen_text_input

Create IBM Storwize FlashCopy Snapshot

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy	Choose a flash copy	ibmStorwizeFlashCopyIdentity	Y
Volume Name	Enter a name for the snapshot	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_IDENTITY	Output of Flash Copy identity	ibmStorwizeFlashCopyIdentity
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopyMappingIdentity
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_FLASHCOPY_NAME	Output of FlashCopy name	gen_text_input

Delete IBM Storwize FlashCopy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Flash Copy	Choose a flash copy	ibmStorwizeFlashCopyIdentity	Y
DeleteVolumeEvenAny Mappings	Check this option to force deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_FLASH_COPY_MAPPING_IDENTITY	Output of Flash Copy Mapping identity	ibmStorwizeFlashCopy MappingIdentity
IBM_STORWIZE_OUTPUT_FLASHCOPY_NAME	Output of FlashCopy name	gen_text_input



IBM Storwize Host Tasks

This chapter contains the following sections:

- [Create IBM Storwize Host, on page 2402](#)
- [Delete IBM Storwize Host, on page 2404](#)
- [IBM Storwize Duplicate Mappings, on page 2405](#)
- [Import IBM Storwize Mappings, on page 2406](#)
- [Rename IBM Storwize Host, on page 2407](#)
- [Unmap All IBM Storwize Volumes, on page 2408](#)

Create IBM Storwize Host

Summary

Create IBM Storwize Host

Description

This task creates a Host entry by using a WWPN/WWNN number of remote server. This task associates one or more HBA WWPNs or iSCSI names with a logical host object.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Host Protocol Type	Choose the host protocol type	ibmStorwizeHostType	Y
Host Name	Enter a name for the host	gen_text_input	Y
Fibre Channel Port Definitions(HBA)	Choose one or more fibre channel HBA ports	ibmStorwizeHBAPort Identity	
Fibre Channel Port Definitions	Enter the list of fibre channel ports	gen_text_input	Y
iSCSI Port Definitions	Enter the iSCSI ports	gen_text_input	Y
Port numbers should be separated by ','(In case of multiple port	Port numbers should be separated by ','(In case of multiple port		
Use CHAP Authentication (all ports)	Use CHAPAuthentication(all ports)	IBMStorwizeBoolean List	
Use CHAP Authentication Name	Enter use CHAP Authentication name	gen_text_input	
I/O Group	Choose an I/O group. The host can access volumes from one or more I/O groups.	ibmStorwizeHost IOGroupIdentity	Y
Host Type	Choose a host type. Some hosts require a specific host type based on hardware or software requirements. For most hosts, you can use a generic type.	ibmStorwizeHostTypes	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHost Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input

Delete IBM Storwize Host

Summary

Delete Host

Description

This task deletes the specified host. If the volumes are mapped to the host, forcing the deletion will make volumes no longer accessible to hosts.

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Choose an IBM Storwize host to be deleted	ibmStorwizeHostIdentity	Y
Delete hosts even if volumes are mapped to them. These volumes will no longer be accessible to hosts.	Check to force delete for recursive deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input

IBM Storwize Duplicate Mappings

Summary

Duplicate Mappings

Description

This task duplicates all the existing source host mappings to the target host. Volumes that are assigned to a host can be mapped to another host object. You can do this for example when you add a new node to the host cluster and want to ensure that the new host node has access to same set of volumes as the source host.

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Choose an IBM Storwize host from which to duplicate mappings	ibmStorwizeHostIdentity	Y
Target Host	Choose an IBM Storwize target host to which to duplicate mappings	ibmStorwizeHostIdentity	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input
OUTPUT_TARGET_HOST_NAME	Output of target host name(s)	gen_text_input

Import IBM Storwize Mappings

Summary

Import Mappings

Description

This task imports existing source host mappings provided the target host has no existing mappings

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Choose an IBM Storwize host to which to import mappings	IBMSTORAGEUnMappedHostsIdentity	Y
Source Host	Choose an IBM Storwize source host from which to import mappings	ibmStorwizeHostIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input
IBM_STORWIZE_OUTPUT_SOURCE_HOST_NAME	Output of source host name	gen_text_input

Rename IBM Storwize Host

Summary

Rename Host

Description

This task assigns a new name for the specified host.

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Choose an IBM Storwize host to rename	ibmStorwizeHostIdentity	Y
Host Name	Enter a name for the host	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input

Unmap All IBM Storwize Volumes

Summary

Unmap All IBM Storwize Volumes

Description

This task unmaps all access that this host has to its volumes. A host is able to access only those volumes on your IBM Storwize system that are mapped to it. If you want to remove access to all volumes for one host, regardless of how many volumes are mapped to it, execute this task.

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Choose an IBM Storwize host from which to unmap all associated volumes	IBMSTORAGEMappedHosts Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input



IBM Storwize Mdisk Tasks

This chapter contains the following sections:

- [Assign IBM Storwize MDisk to Pool, on page 2410](#)
- [Create IBM Storwize Array MDisk, on page 2411](#)
- [Delete IBM Storwize Array MDisk, on page 2412](#)
- [Rename IBM Storwize MDisk, on page 2413](#)
- [Select IBM Storwize MDisk Tier, on page 2414](#)
- [Set IBM Storwize Spare Goal, on page 2415](#)
- [Swap IBM Storwize MDisk Drive, on page 2416](#)
- [Unassign IBM Storwize MDisks from Pool, on page 2417](#)

Assign IBM Storwize MDisk to Pool

Summary

Assign MDisk To Pool

Description

This task assigns specified mdisk to specified storage pool by assigning unmanaged MDisks to pool. By adding unmanaged MDisks to a pool, their status changes to managed MDisks. Managed MDisks can belong to only one pool. Unmanaged MDisks can either be added to a newly created pool or to an existing pool to expand its capacity. Pools are commonly used to group MDisks from the same storage subsystem. A new pool can be created in the MDisks by Pools panel by clicking the Create Pool

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk to assign to a pool	ibmStorwizeMdiskIdentity	Y
Storage Pool	Choose an IBM Storwize storage pool	ibmStorwizePoolIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

Create IBM Storwize Array MDisk

Summary

Create IBM Storwize Array MDisk

Description

This task is used to create array(RAID) mdisks from internal storage. A managed disk (MDisk) is a logical unit of physical storage. MDisks are either arrays (RAID) from internal storage or volumes from external storage systems. MDisks are not visible to host systems. Each MDisk is divided into a number of extents, which are numbered, from 0, sequentially from the start to the end of the MDisk. The extent size is a property of storage pools. When an MDisk is added to a storage pool, the size of the extents that the MDisk is divided into depends on the attribute of the storage pool to which it has been added.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
MDisk Name	Enter a name for the MDisk	gen_text_input	Y
Drive(s)	Choose one or more drives	ibmStorwizeAllInternalDrive Identity	Y
RAID level	Choose a RAID level for the array MDisk	ibmStorwizeRaidLevelList	Y
Pool	Choose an IBM Storwize storage pool	ibmStorwizePoolIdentity	Y
Enable encryption	Check to enable encryption on the MDisk	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Delete IBM Storwize Array MDisk

Summary

Delete Array MDisk

Description

This task deletes the specified array mdisk. If the mdisk has data on it, forcing the deletion will delete all data from the mdisk and moves it to other mdisks in the pool. The task fails if there are insufficient free extents on other disks in the mdisk group for the duration of the command. If you do specify the force flag, an attempt will be made to migrate the extents that are in use onto other free extents within the group. If there are not enough free extents in the group, the command will fail even if the force flag is specified.

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk to be deleted	ibmStorwizeMdiskIdentity	Y
Delete RAID array MDisk even if it has data on it. System migrates data to other MDisks in the pool.	Check to force delete for recursive deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Rename IBM Storwize MDisk

Summary

Rename MDisk

Description

This task assigns a new name for the specified mdisk.

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk to rename	ibmStorwizeMdiskIdentity	Y
MDisk Name	Enter a name for the MDisk	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Select IBM Storwize MDisk Tier

Summary

Select MDisk Tier

Description

This task assigns the specified tier to an mdisk. Two tiers exist, Generic SSD & Generic HDD. All MDisks belong to one tier or the other, which includes MDisks that are not yet part of a pool. If you create a storage pool with both generic SSD MDisks (classified with the generic_ssd option) and generic HDD MDisks (generic_hdd or default option), Easy Tier is automatically turned on for pools with both SSD MDisks and HDD MDisks. IBM Storwize does not automatically identify external SSD MDisks; all external MDisks are put into the HDD tier by default. You must manually identify external SSD MDisks and change their tiers

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk for which to set a tier	ibmStorwizeMdiskIdentity	Y
Select desired tier	Choose an IBM Storwize tier	ibmStorwizeMdiskTierList	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Set IBM Storwize Spare Goal

Summary

Set Spare Goal

Description

This task sets the number of spare drives that is required to protect the array from drive failures. If the number of drives assigned as Spare does not meet the configured spare goal, an error is logged in the event log that reads Array MDisk is not protected by sufficient spares. This error can be fixed by either replacing defunct drives, which occupy a spare drive, or by adding additional drives as spare. Remember, during the internal drive configuration, spare drives are automatically assigned according to the chosen RAID preset's spare goals,

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk on which to set a spare goal	ibmStorwizeMdiskIdentity	Y
Set Number of Spares (Goal)	Enter the number of spares to set as the goal	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Swap IBM Storwize MDisk Drive

Summary

Swap IBM Storwize MDisk Drive

Description

This task can be used to replace a drive in the array with another drive with the status of Candidate or Spare. This action is used to replace a drive that has failed, or that is expected to fail soon, for example, as indicated by an error message in the event log

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk on which to swap drives	ibmStorwizeMdiskIdentity	Y
Select a drive to swap out of MDisk	Choose an IBM Storwize drive to swap out	ibmStorwizeAllInternalDriveIdentity	
Select a drive to swap into MDisk	Choose an IBM Storwize drive to swap in	ibmStorwizeAllInternalDriveIdentity	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input

Unassign IBM Storwize MDisks from Pool

Summary

Unassign MDisk From Pool

Description

This task unassigns the specified mdisk from the specified pool. if the mdisk has data on it, forcing the unassign will remove all data from mdisk. the system migrates the data to other mdisk in the pool.

Inputs

Input	Description	Mappable To Type	Mandatory
MDisk	Choose an IBM Storwize MDisk to unassign from the pool	ibmStorwizeMdisk Identity	Y
Remove MDisk from storage pool even if it has data on it. System migrates data to other MDisks in the pool	Check to force delete for recursive deletion	IBMStorwizeBoolean List	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_MDISK_IDENTITY	Output of mdisk identity	ibmStorwizeMdiskIdentity
IBM_STORWIZE_OUTPUT_MDISK_NAME	Output of mdisk name	gen_text_input



IBM Storwize Pool Tasks

This chapter contains the following sections:

- [Create IBM Storwize Pool, on page 2420](#)
- [Delete IBM Storwize Pool, on page 2421](#)
- [Expand IBM Storwize Pool, on page 2422](#)
- [Rename IBM Storwize Pool, on page 2423](#)

Create IBM Storwize Pool

Summary

Create IBM Storwize Pool

Description

This task creates a new storage pool. A pool or storage pool is a collection of MDisks that jointly contain all of the data for a specified set of volumes. All MDisks in a pool are split into extents of the same size. Volumes are created from the extents that are available in the pool. You can add MDisks to a storage pool at any time either to increase the number of extents that are available for new volume copies or to expand existing volume copies. You can specify a warning capacity for a storage pool. A warning event is generated when the amount of space that is used in the storage pool exceeds the warning capacity. This is especially useful in conjunction with thin-provisioned volumes that have been configured to automatically consume space from the storage pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Pool Name	Enter a name for the storage pool	gen_text_input	Y
Extent Size	Choose the extent size	IBMStorwizeExtentSize List	Y
Maximum Addressible Size	Maximum addressible size		
Warning Threshold(0 to 100)%	Enter a warning threshold value between 0 to 100	gen_text_input	Y
MDisks	Choose one or more unassigned MDisks	ibmStorwizeMdiskIdentity	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePool Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

Delete IBM Storwize Pool

Summary

Delete Pool

Description

This task deletes the specified storage pool. Forcing the deletion will delete all the volumes, host mappings and mdisks associated with the specified pool. After you delete the pool, all the associated volumes and their host mappings are removed. If the pool is deleted, all the array mode MDisks in the pool are removed and all the member drives return to candidate status.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to delete	ibmStorwizePool Identity	Y
Delete all volumes, Host mappings and MDisks associated with the pool	Check to force delete of all volumes, host mappings, and MDisks associated with the pool	IBMStorwizeBoolean List	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

Expand IBM Storwize Pool

Summary

Expand Pool

Description

This task expands the capacity of the storage pool by adding the unmanaged midisks to the pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to be expanded	ibmStorwizePoolIdentity	Y
MDisk	Choose an unassigned MDisk	ibmStorwizeMdiskIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

Rename IBM Storwize Pool

Summary

Rename Pool

Description

This task assigns a new name to the specified pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to rename	ibmStorwizePoolIdentity	Y
Storage Pool Name	Enter a name for the storage pool	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input



IBM Storwize RC Consistency Group Tasks

This chapter contains the following sections:

- [Create IBM Storwize Remote Copy Consistency Group, on page 2426](#)
- [Delete IBM Storwize Remote Consistency Group, on page 2427](#)
- [Rename IBM Storwize Remote Consistency Group, on page 2428](#)
- [Start IBM Storwize RC Consistency Group, on page 2429](#)
- [Stop IBM Storwize RC Consistency Group, on page 2430](#)

Create IBM Storwize Remote Copy Consistency Group

Summary

Create a new remote copy consistency group on an IBM device.

Description

This task creates a new remote copy consistency group on an IBM device. The IBM account and consistency group names are mandatory inputs. Input Format:

- IBM Account Name: AccountName. For example: IBM_AccountName
- Consistency Group Name: Valid Consistency Group Name - The following special characters are not allowed: " % & ' * + . / \ ; < = > ? ^ @ | ,

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Consistency Group Name	Enter a name for the consistency group	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_IDENTITY	Output of remote copy consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_NAME	Output of remote copy consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize Remote Consistency Group

Summary

Delete a remote consistency group from an IBM device.

Description

This task deletes a remote consistency group from an IBM device. This is the rollback task for Create IBM Storwize Remote Copy Consistency Group. Input Format: Consistency Group: podName;accountName;id;remoteCopyCGName. For example: Default Pod;IBM_AccountName;0;remCopy

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to delete	ibmStorwizeConsistencyGroup Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_IDENTITY	Output of remote copy consistency group identity	ibmStorwize ConsistencyGroup Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_NAME	Output of remote copy consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Rename IBM Storwize Remote Consistency Group

Summary

Rename a remote consistency group created on an IBM device.

Description

This task renames a remote consistency group of an IBM device. The remote copy consistency group identity and the new name are mandatory inputs. Input Format:

- Consistency Group: podName;accountName;id;consistencyGroupName. For example: Default Pod;IBM_AccountName;0;recgName
- Consistency Group Name: New Valid Consistency Group Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to rename	ibmStorwizeConsistencyGroupIdentity	Y
Consistency Group Name	Enter a new name for the consistency group	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_IDENTITY	Output of remote copy consistency group identity	ibmStorwizeConsistencyGroupIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_NAME	Output of remote copy consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Start IBM Storwize RC Consistency Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Choose a consistency group to start	ibmStorwizeRcConsistencyGroupIdentity	Y
Select the primary (source) volume for remote-copy relationship	Choose the primary (source) volume for the remote-copy relationship	ibmStorwizeRcDirectionList	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_IDENTITY	Output of remote copy consistency group identity	ibmStorwizeConsistencyGroupIdentity
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_NAME	Output of remote copy consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopyIdentity
IBM_STORWIZE_OUTPUT_REMOTE_COPY_NAME	Output of Remote Copy Relationship name	gen_text_input

Stop IBM Storwize RC Consistency Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Consistency Group	Select IBM Storwize RemoteCopy Consistency Group to stop	ibmStorwizeRcConsistency GroupIdentity	Y
Allow secondary read/write access	Check this option to allow secondary read/write access	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_IDENTITY	Output of remote copy consistency group identity	ibmStorwizeConsistency GroupIdentity
IBM_STORWIZE_OUTPUT_RC_CONSISTENCY_GROUP_NAME	Output of remote copy consistency group name	gen_text_input
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopy Identity
IBM_STORWIZE_OUTPUT_REMOTECOPY_NAME	Output of Remote Copy Relationship name	gen_text_input



IBM Storwize RemoteCopy Tasks

This chapter contains the following sections:

- [Create IBM Storwize Remote Copy Relationship, on page 2432](#)
- [Delete IBM Storwize Remote Copy, on page 2433](#)
- [Rename IBM Storwize Remote Copy Relationship, on page 2434](#)
- [Start IBM Storwize Remote Copy Relationship, on page 2435](#)
- [Stop IBM Storwize Remote Copy Relationship, on page 2436](#)

Create IBM Storwize Remote Copy Relationship

Summary

Create IBM Storwize Remote Copy Relationship

Description

This task creates a new Global or Metro Mirror relationship. A Metro Mirror relationship defines the relationship between two volumes: a master volume and an auxiliary volume. This relationship persists until it is deleted. The auxiliary volume must be identical in size to the master volume or the command fails, and if both volumes are in the same system, they must both be in the same I/O group. The master and auxiliary cannot be in an existing relationship. Any defined FlashCopy(R) mappings that have the proposed master volume as the target of the FlashCopy mapping must be using the same I/O group as the master volume. Any defined FlashCopy mappings that have the proposed auxiliary volume as the target of the FlashCopy mapping must be using the same I/O group as the auxiliary volume. You cannot create a remote copy relationship with this command if the auxiliary volume is an active FlashCopy mapping target.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Copy Type	Choose a copy type	ibmStorwizeRcTypeList	
Name	Enter a name	gen_text_input	Y
Master Volume	Choose a master volume	ibmStorwizeRcMasterVolList	
Auxiliary Volume	Choose an auxiliary volume	ibmStorwizeRcAuxiliaryVolList	
Sync Status	Choose a sync status	ibmStorwizeRcSyncStatusList	
Copy Status	Choose a copy status	ibmStorwizeRcStartStatusList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopy Identity
IBM_STORWIZE_OUTPUT_REMOTECOPY_NAME	Output of Remote Copy Relationship name	gen_text_input

Delete IBM Storwize Remote Copy

Summary

Delete IBM Storwize Remote Copy

Description

This task deletes the relationship that is specified. Deleting a relationship only deletes the logical relationship between the two volumes; it does not affect the volumes themselves.

Inputs

Input	Description	Mappable To Type	Mandatory
Remote Copy	Choose a remote copy to delete	ibmStorwizeRemoteCopyIdentity	Y
Select check box to delete relationship even when data on the target volume is inconsistent, or if target volume has other dependencies.	Warning message		
Force Delete	Check this option to perform recursive deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopyIdentity
IBM_STORWIZE_OUTPUT_REMOTE_COPY_NAME	Output of Remote Copy Relationship name	gen_text_input

Rename IBM Storwize Remote Copy Relationship

Summary

Rename a remote copy relationship created on an IBM device.

Description

This task renames an existing remote copy relationship of an IBM device. The remote copy relationship identity and the new name are mandatory inputs. Input Format:

- Consistency Group: podName;accountName;id;remoteCopyRelationshipName. For example: Default Pod;IBM_AccountName;4;Gmirror
- Relationship Name: New Valid Relationship Name - The following special characters are not allowed: " % & ' * + . / \ : ; < = > ? ^ @ | ,

Inputs

Input	Description	Mappable To Type	Mandatory
Remote Copy Relationship	Choose a remote copy relationship to rename	ibmStorwizeRemoteCopy Identity	Y
Relationship Name	Enter a new name for the relationship	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopy Identity
IBM_STORWIZE_OUTPUT_REMOTECOPY_NAME	Output of Remote Copy Relationship name	gen_text_input

Start IBM Storwize Remote Copy Relationship

Summary

Start IBM Storwize Remote Copy Relationship

Description

This task starts a stand-alone relationship. The command fails if it is used to start a relationship that is part of a consistency group. This task can only be issued to a relationship that is connected. For a relationship that is idling, this task assigns a copy direction (primary and secondary roles) and begins the copy process. Otherwise, this task restarts a previous copy process that was stopped either by a stop command or by some I/O error. If the FlashCopy mapping is active, the remote copy cannot be started.

Inputs

Input	Description	Mappable To Type	Mandatory
Remote Copy Relationship	Choose a remote copy relationship to start	ibmStorwizeRemoteCopy Identity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopy Identity
IBM_STORWIZE_OUTPUT_REMOTECOPY_NAME	Output of Remote Copy Relationship name	gen_text_input

Stop IBM Storwize Remote Copy Relationship

Summary

Stop IBM Storwize Remote Copy Relationship

Description

This task stop a relationship that is copying from primary to secondary volumes. The task fails if it is addressed to a relationship that is part of a consistency group

Inputs

Input	Description	Mappable To Type	Mandatory
Remote Copy Relationship	Choose a remote copy relationship to stop	ibmStorwizeRemoteCopy Identity	Y
Allow secondary read/write access	Check this option to allow secondary read-write access	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_REMOTE_COPY_IDENTITY	Output of RemoteCopy identity	ibmStorwizeRemoteCopy Identity
IBM_STORWIZE_OUTPUT_REMOTECOPY_NAME	Output of Remote Copy Relationship name	gen_text_input



IBM Storwize Snapshot Rule Tasks

This chapter contains the following sections:

- [Create IBM Storwize Snapshot Rule, on page 2438](#)
- [Delete IBM Storwize Snapshot Rule, on page 2440](#)

Create IBM Storwize Snapshot Rule

Summary

Create IBM Storwize Snapshot Rule

Description

This task is used to create a snapshot rule. The rule is used to manage the creation and retention of snapshots for a file system or an independent file set. Dependent file sets do not have snapshots.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Account Name	Choose an IBM Storwize account	accountName	Y
Name	Enter the name of the snapshot rule	gen_text_input	Y
Frequency	Choose a frequency type	ibmStorwizeSnapshotRuleFrequencyType	Y
Hours	Choose one or more hours at which to create the snapshot	ibmStorwizeMutipleHourIdentity	Y
Minute	Enter a minute value	gen_text_input	Y
Minutes of the hour	Choose one or more minutes at which to create the snapshot	ibmStorwizeMinutesOfTheHourIdentity	Y
Days of the week	Choose the day of the week at which to create the snapshot	ibmStorwizeSnapshotRuleDaysOfTheWeek	Y
Days of the week	Choose one or more days of the week at which to create the snapshot	ibmStorwizeMutipleDaysOfWeekIdentity	Y
Days of the Month	Choose the day of the month at which to create the snapshot	ibmStorwizeSnapshotRuleDaysOfMonth	Y
Days of the Month	Choose one or more days of the month at which to create the snapshot	ibmStorwizeMutipleDaysOfMonthIdentity	Y
Time of day	Choose the time of the day at which to create the snapshot	ibmStorwizeSnapshotRuleTimeOfDay	Y
Retention	For each past time period, enter the maximum number of snapshots to be kept for this snapshot rule.		
Hours	Enter the hour of the day	gen_text_input	
Days	Enter the day of the month	gen_text_input	
Weeks	Enter the day of the week	gen_text_input	
Months	Enter the month of the year	gen_text_input	
Prefix	Enter the prefix	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_SNAPSHOT_RULE_IDENTITY	Output of snapshot rule identity	ibmStorageSnapshotRuleIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize Snapshot Rule

Summary

Delete IBM Storwize Snapshot Rule

Description

This task is used to delete the selected snapshot rule.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Rule	Choose an IBM Storwize snapshot set to be deleted	ibmStorageSnapshot RuleIdentity	Y
Deleting the above snapshot rule deletes any snapshots or associations related to the selected rule. Do you want to continue?			

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_SNAPSHOT_RULE_IDENTITY	Output of snapshot rule identity	ibmStorageSnapshot RuleIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_SNAPSHOT_RULE_NAME	Output of snapshot rule name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize Snapshot Tasks

This chapter contains the following sections:

- [Create IBM Storwize Snapshot, on page 2442](#)
- [Delete IBM Storwize Snapshot, on page 2443](#)

Create IBM Storwize Snapshot

Summary

Create IBM Storwize Snapshot

Description

This task creates a file system snapshot or independent fileset snapshot. There is a maximum limit of 256 snapshots per file system. The sum of manual snapshots created with this command and automatically snapshots created for an association cannot exceed this limit.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Snapshot Type	Choose the snapshot type	ibmStorwizeSnapShot Type	Y
Path	Choose the path to the snapshot	ibmStorwizeSnapShot PathIdentity	Y
Snapshot Name	Enter a name for the snapshot. The format is @GMT-yyyy.MM.dd-HH.mm.ss if Windows Volume Shadow copy service (VSS) is used to restore files. White space, double and single quotation marks aq", parentheses (), asterisk *, forward slash /, and backward slash \ cannot be used. " The snapshot ID must not contain the '-psnap-' system reserved keyword.	gen_text_input	Y
Snapshot Schedules	Choose one or more snapshot schedules	ibmStorageSnapshot RuleIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_SNAPSHOT_IDENTITY	Output of snapshot identity	ibmStorwizeSnapShot Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize Snapshot

Summary

Delete IBM Storwize Snapshot

Description

This task removes a snapshot from a specified file system or file set. File system snapshots and root file set snapshots do not have the same coverage, so they are different.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot	Choose an IBM Storwize snapshot set to be deleted	ibmStorwizeSnapShotIdentity	Y
If the snapshots are used with NDMP backups, ensure that you deactivate and reactivate the NDMP configuration after you delete the snapshots. Do you want to continue?			

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_SNAPSHOT_IDENTITY	Output of snapshot identity	ibmStorwizeSnapShotIdentity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_SNAPSHOT_NAME	Output of snapshot name	gen_text_input
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName



IBM Storwize Tasks

This chapter contains the following sections:

- [IBM Storwize Custom SSH Command, on page 2446](#)

IBM Storwize Custom SSH Command

Summary

IBM Storwize Custom SSH Command

Description

This task allows user to run storwize CLI on IBM devices

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Command	Enter an SSH command, with arguments, to execute	gen_text_input	Y
Error Text	Enter the error text to validate		
Undo Command	Enter an SSH undo command, with arguments, to execute	gen_text_input	
Error Text[Undo]	Error Text to validate		

Outputs

Output	Description	Type
OUTPUT_SSH_COMMAND	External service request ID.	gen_text_input



IBM Storwize Volume Tasks

This chapter contains the following sections:

- [Add IBM Storwize Mirrored Copy, on page 2448](#)
- [Create IBM Storwize Volume, on page 2449](#)
- [Delete IBM Storwize Mirrored Copy, on page 2451](#)
- [Delete IBM Storwize Volume, on page 2452](#)
- [Duplicate IBM Storwize Volume, on page 2453](#)
- [Edit IBM Storwize Volume, on page 2454](#)
- [Expand IBM Storwize Volume, on page 2455](#)
- [Make IBM Storwize Primary Volume, on page 2456](#)
- [Map IBM Storwize Volume To Host, on page 2457](#)
- [Migrate IBM Storwize Volume, on page 2458](#)
- [Rename IBM Storwize Volume, on page 2459](#)
- [Shrink IBM Storwize Volume, on page 2460](#)
- [Split IBM Storwize Volume, on page 2461](#)
- [UnMap IBM Storwize Volume From All Hosts, on page 2462](#)
- [UnMap IBM Storwize Volume From Single Host, on page 2463](#)

Add IBM Storwize Mirrored Copy

Summary

Add IBM Storwize Mirrored Copy

Description

This task adds a copy to an existing volume, which changes a nonmirrored volume into a mirrored volume. Creating mirrored copies of a volume allows the volume to remain accessible even when a managed disk (MDisk) that the volume depends on becomes unavailable. You can create copies of a volume either from different storage pools or by creating an image mode copy of the volume. Copies allow for availability of data; however, they are not separate objects. You can only create or change mirrored copies from the volume

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to which to add the mirror copy	ibmStorwizeVolumeIdentity	Y
Volume Type	Choose a volume type	ibmStorwizeVolumeCopyType	Y
Pool	Choose an IBM storage pool to add mirror copy	ibmStorwizePoolIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_PRIMARY_MIRROR_COPY_IDENTITY	Output of primary mirror copy identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_OUTPUT_SECONDARY_MIRROR_COPY_IDENTITY	Output of secondary mirror copy identity	ibmStorwizeVolumeIdentity

Create IBM Storwize Volume

Summary

Create Volume

Description

A volume is a logical disk that is presented to a host system by the clustered system. This task will create a new volume on a host device. The volumes are built from extents in the storage pools and hence the size can be increased or decreased. Creates volume of type Generic, Thin-Provision, Mirrored and Compressed volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Volume Name	Enter the volume name	gen_text_input	Y
Volume Type	Choose a volume type	ibmStorwizeVolumeType	Y
Capacity	Enter the capacity for the volume	gen_text_input	Y
Capacity Unit	Choose the capacity unit for the volume	IBMStorwizeUnitSizeList	Y
Pool	Choose a storage pool	ibmStorwizePoolIdentity	Y
Secondary Pool	Choose a secondary storage pool	ibmStorwizePoolIdentity	Y
Mirror Sync Rate	Enter the sync rate	gen_text_input	Y
Preferred Node	Choose a preferred node. If no node is chosen then the system an available node automatically.	IBMSTORAGENodePoolIdentity	
Real Capacity Unit	Choose the real capacity unit	ibmStorwizeVolumeRealCapacity	Y
Automatically Expand	Check to expand the volume automatically		
Warning Threshold	Check to enable the warning threshold		
Warning Threshold (% of Virtual Capacity)	Enter the warning threshold value	gen_text_input	Y
Thin Provisioned Grain Size(KB)	Choose a thin provisioning grain size	ibmStorwizeVolumeThinProvisionedSize	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity

Output	Description	Type
IBM_STORWIZE_OUTPUT__ PRIMARY_POOL_IDENTITY	Output of primary pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT__ SECONDARY_POOL_IDENTITY	Output of secondary pool identity	ibmStorwizeSecondary PoolIdentity
IBM_STORWIZE_OUTPUT_NODE_ IDENTITY	Output of node identity	IBMSTORAGENode Identity
IBM_STORWIZE_OUTPUT_ ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_ VOLUME_CAPACITY	Output of volume capacity	capacity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_ DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Delete IBM Storwize Mirrored Copy

Summary

Delete IBM Storwize Mirror Copy

Description

This task deletes the specified copy from the specified volume. The task fails if all other copies of the volume are not synchronized.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize mirrored copy volume to delete	ibmStorwizeVolumeIdentity	Y
Force Delete	Check to force delete for recursive deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

Delete IBM Storwize Volume

Summary

Delete IBM Storwize Volume

Description

This task deletes the specified volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to be deleted	ibmStorwizeVolumeIdentity	Y
Force Delete	Check to force delete for recursive deletion	IBMStorwizeBooleanList	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

Duplicate IBM Storwize Volume

Summary

Duplicate Volume

Description

This task create a new volume with the same preset and volume parameters as the source volume. Duplicating a volume does not duplicate volume data.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to duplicate	ibmStorwizeVolumeIdentity	Y
New volume name	Enter the name of the duplicate volume	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

Edit IBM Storwize Volume

Summary

Edit IBM Storwize Volume

Description

This task modifies the volume parameters like volume name, Mirror Sync Rate, UDID, etc..

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to edit	ibmStorwizeVolumeIdentity	Y
Volume Name	Enter the name of the volume	gen_text_input	
I/O Group	Select accessible I/O Group. At least one should be selected	ibmStorwizeVolumeIOGroup List	Y
Cache Mode	Choose a cache mode	ibmStorwizeVolumeCache Identity	Y
Sync Rate	Enter the sync rate	gen_text_input	Y
Select UDID (Open VMS)	Enter a UDID	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolume Identity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_VOLUME_SYNC_RATE	Output of volume Sync Rate	gen_text_input
IBM_STORWIZE_VOLUME_IO_GROUP	Output of volume IOGroup	gen_text_input
IBM_STORWIZE_VOLUME_CACHE_MODE	Output of volume Cache Mode	gen_text_input
IBM_STORWIZE_VOLUME_UDID	Output of volume UDID	gen_text_input

Expand IBM Storwize Volume

Summary

Expand Volume

Description

This task increases the available capacity of the volume. Volumes that are mapped for FlashCopy or that are in Metro Mirror relationships cannot be expanded.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to be modified	ibmStorwizeVolumeIdentity	Y
Expand By	Enter by how much to increase the size of the volume	gen_text_input	Y
Unit	Choose a unit for the volume capacity	IBMStorwizeUnitSizeList	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_VOLUME_CAPACITY	Output of updated volume capacity	capacity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Make IBM Storwize Primary Volume

Summary

Make IBM Storwize Primary Volume

Description

This task will make the secondary copy of the mirrored volume as primary. Each volume has a primary and a secondary copy, and the star indicates the primary copy. The two copies are always synchronized, which means that all writes are destaged to both copies, but all reads are always done from the primary copy. By default, the primary and secondary copies always switch between Copy 0 and Copy 1 during creation to balance the reads across your storage pools. However, always be sure that the I/Os to the primary copies are customized to the performance of all your storage pools, so therefore you can change the roles of your copies.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize storage pool to which to add the mirror copy	ibmStorwizeVolumeIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_SECONDARY_MIRROR_COPY_IDENTITY	Output of secondary mirror copy identity	ibmStorwizeVolumeIdentity

Map IBM Storwize Volume To Host

Summary

Map Volume

Description

This task creates a new mapping between a volume and a host, which makes the volume accessible for input/output (I/O) operations to the specified host.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to map	ibmStorwizeVolumeIdentity	Y
Host	Choose an IBM Storwize host to map	ibmStorwizeHostIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_HOST_IDENTITY	Output of host identity	ibmStorwizeHostIdentity
IBM_STORWIZE_OUTPUT_HOST_NAME	Output of host name	gen_text_input

Migrate IBM Storwize Volume

Summary

Migrate Volume

Description

This task migrates a volume from the current storage pool to the new storage pool of same extent size. With volume migration, you can move the data between these storage pools, regardless of whether the pool is an internal pool, or a pool on another external storage system. This migration is done without the server and application knowing that it even occurred. The migration process itself is a low priority process that does not affect the performance of the IBM Storwize. However, it moves one extent after another to the new storage pool, so the performance of the volume is affected by the performance of the new storage pool after the migration process.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to be migrated	ibmStorwizeVolumeIdentity	Y
Target Pool	Choose a storage pool to which to migrate the volume	ibmStorwizePoolIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input
IBM_STORWIZE_OUTPUT_SOURCE_POOL_NAME	Source pool name	gen_text_input

Rename IBM Storwize Volume

Summary

Rename Volume

Description

This task assigns a new name for the selected volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to be modified	ibmStorwizeVolumeIdentity	Y
Volume Name	Enter the new volume name	gen_text_input	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

Shrink IBM Storwize Volume

Summary

Shrink Volume

Description

This task decreases the available capacity in the volume. Before you shrink the volume, ensure that you back up data and unmap any hosts that use the volume

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to be shrunk	ibmStorwizeVolume Identity	Y
Shrink by	Enter by how much to reduce the size of the volume	gen_text_input	Y
Unit	Choose a unit for the volume capacity	IBMStorwizeUnitSize List	Y
You selected to shrink the capacity of this volume. This action decreases the available capacity in the volume. Before you shrink the volume, ensure that you back up data and unmap any hosts that use the volume.			

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolume Identity
IBM_STORWIZE_OUTPUT_VOLUME_NAME	Output of volume name	gen_text_input
IBM_STORWIZE_OUTPUT_VOLUME_CAPACITY	Output of updated volume capacity	capacity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName

Split IBM Storwize Volume

Summary

Split Volume

Description

The task creates a separate volume from a synchronized copy of a mirrored volume. If this task is performed on the primary copy, the remaining secondary copy automatically becomes the primary. If your two volume copies are synchronized, you can split one of the copies to a new volume and map this new volume to another host. From a storage point of view, this procedure can be performed online, which means you could split one copy from the volume, and create a copy from the remaining one without any host impact. However, if you want to use the split copy for testing or backup purposes, you must make sure that the data inside the volume is consistent. Therefore, you must flush the data to storage to make the copies consistent.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to split	ibmStorwizeVolumeCopy Identity	Y
New Volume Name	Enter the name of the resulting new volume	gen_text_input	

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

UnMap IBM Storwize Volume From All Hosts

Summary

UnMap IBM Storwize Volume From All Hosts

Description

This task removes all host mappings from the selected volume, which means that no hosts are able to access this volume anymore.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose an IBM Storwize volume to unmap from all hosts	ibmStorwizeVolumeIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input

UnMap IBM Storwize Volume From Single Host

Summary

UnMap IBM Storwize Volume From Single Host

Description

This task unmaps a selected volume from the specified host.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Select IBM Volume to UnMap	ibmStorwizeVolumeIdentity	Y
Host	Select Host to UnMap	ibmStorwizeHostIdentity	Y

Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_VOLUME_IDENTITY	Output of volume identity	ibmStorwizeVolumeIdentity
IBM_STORWIZE_VOLUME_NAME	Output of volume name	gen_text_input



IPMI Tasks

This chapter contains the following sections:

- [Power On/Off IPMI Server, on page 2466](#)
- [Select Boot Device, on page 2467](#)
- [Select IPMI Server, on page 2468](#)
- [Verify IPMI Connectivity, on page 2469](#)

Power On/Off IPMI Server

Summary

To Power On/Off IPMI/HardReset IPMI Server

Description

This task can switch ON or OFF or Hard Reset IPMI Server. Output for this task is IPMI Account name.

Inputs

Input	Description	Mappable To Type	Mandatory
IPMI Account	Choose the host account	ipmi_account	Y
Power Action	Choose the power action		Y

Outputs

Output	Description	Type
OUTPUT_IPMI_ACCOUNT_NAME	Name of the Server on which the selected operation was performed	gen_text_input

Select Boot Device

Summary

To select the Boot device on IPMI Server

Description

This task changes the Boot Device on IPMI Server. Following are the options a) Force PXE Boot, b) Force Boot from default Hard Disk, c) Force boot from CD/DVD, and d) Force boot from BIOS. Output for this task is IPMI Account name.

Inputs

Input	Description	Mappable To Type	Mandatory
IPMI Account	Choose the host account	ipmi_account	Y
Boot Device	Choose a boot device with which to boot the IPMI server at the next reboot		Y

Outputs

Output	Description	Type
OUTPUT_IPMI_ACCOUNT_NAME	Name of the Server on which the selected operation was performed	gen_text_input

Select IPMI Server

Summary

To Retrieve NIC MAC address of an IPMI Server

Description

This task can select NIC MAC of an IPMI Server. Output for this task is MAC address of the selected NIC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select IPMI Server	Choose the IPMI server	ipmiServerNicIdentity	Y

Outputs

Output	Description	Type
OUTPUT_IPMI_SERVER_NIC_IDENTITY	Identity of the IPMI Server NICs	ipmiServerNicIdentity
OUTPUT_IPMI_MAC_ADDRESS	IPMI Server selected NIC's MAC address	ipmiServerNicIdentity

Verify IPMI Connectivity

Summary

Verify IPMI connectivity

Description

This task verifies UCSD connection to Server using IPMI interface. Output for this task is the IPMI Account Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose the IPMI account name	ipmi_account	Y

Outputs

Output	Description	Type
OUTPUT_IPMI_ACCOUNT_NAME	Name of the Server on which the selected operation was performed	gen_text_input



L4L7 Services

This chapter contains the following sections:

- [Get Security Levels for Tiers, on page 2472](#)

Get Security Levels for Tiers

Summary

This custom task will output security levels for the selected tiers.

Description

This custom task will output security levels for the selected tiers defined in the application profile

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Tier 1		gen_text_input	
Tier 2		gen_text_input	

Outputs

Output	Description	Type
Tier1_security_level		gen_text_input
Tier2_security_level		gen_text_input



NetApp ONTAP Tasks

This chapter contains the following sections:

- [Abort NetApp SnapVault, on page 2475](#)
- [Add Disk to NetApp 7-Mode Aggregate, on page 2476](#)
- [Add Existing Initiator to NetApp 7-Mode iGroup, on page 2477](#)
- [Add IP Address to NetApp 7-Mode vFiler, on page 2478](#)
- [Add License to NetApp 7-Mode Controller, on page 2479](#)
- [Add NetApp 7-Mode NFS Export, on page 2480](#)
- [Add NetApp 7-Mode Qtree NFS Export, on page 2481](#)
- [Add NetApp CIFS Volume Share, on page 2482](#)
- [Add NetApp Initiator to Initiator Group, on page 2483](#)
- [Add NetApp vFiler Initiator to Initiator Group, on page 2484](#)
- [Add NetApp vFiler NFS Volume Export, on page 2485](#)
- [Add Quota to NetApp 7-Mode Volume, on page 2486](#)
- [Add Storage to NetApp vFiler, on page 2487](#)
- [Assign VLAN to NetApp IP Space, on page 2489](#)
- [Associate NetApp 7-Mode Volume as VMware NFS Datastore, on page 2490](#)
- [Associate NetApp vFiler Volume as NFS Datastore, on page 2491](#)
- [Clone NetApp LUN, on page 2492](#)
- [Configure NetApp SnapMirror, on page 2493](#)
- [Configure NetApp VLAN Interface, on page 2494](#)
- [Create NetApp Aggregate, on page 2495](#)
- [Create NetApp Flexible Volume, on page 2496](#)
- [Create NetApp IP Space, on page 2498](#)
- [Create NetApp Initiator Group, on page 2499](#)
- [Create NetApp LUN, on page 2500](#)
- [Create NetApp QTree, on page 2501](#)
- [Create NetApp SnapMirror Schedule, on page 2502](#)
- [Create NetApp SnapVault, on page 2504](#)
- [Create NetApp Volume Snapshot, on page 2505](#)
- [Create NetApp vFiler Initiator Group, on page 2506](#)
- [Create NetApp vFiler LUN, on page 2507](#)
- [Create NetApp vFiler Setup, on page 2508](#)
- [Create NetApp vLAN Interface, on page 2509](#)

- [Create vFiler using NetApp OnTap, on page 2510](#)
- [Delete NetApp Aggregate, on page 2512](#)
- [Delete NetApp IP Space, on page 2513](#)
- [Delete NetApp Initiator Group, on page 2514](#)
- [Delete NetApp SnapMirror Schedule, on page 2515](#)
- [Delete NetApp SnapVault, on page 2516](#)
- [Delete NetApp vFiler Initiator Group, on page 2517](#)
- [Delete Quota, on page 2518](#)
- [Delete VLAN Interface, on page 2519](#)
- [Destroy NetApp Flexible Volume, on page 2520](#)
- [Destroy NetApp LUN, on page 2521](#)
- [Destroy NetApp QTree, on page 2522](#)
- [Destroy NetApp vFiler LUN, on page 2523](#)
- [Destroy NetApp vFiler using OnTap, on page 2524](#)
- [Execute NetApp CLI, on page 2525](#)
- [Get NetApp partner info, on page 2526](#)
- [Map LUN to NetApp Initiator Group, on page 2527](#)
- [Map NetApp vFiler LUN to Initiator Group, on page 2528](#)
- [Modify NetApp SnapVault, on page 2529](#)
- [Modify NetApp Volume Status, on page 2530](#)
- [Move NetApp LUN, on page 2531](#)
- [NetApp SnapMirror Destination Actions, on page 2532](#)
- [Persist NetApp Network Configuration, on page 2533](#)
- [Release NetApp SnapVault, on page 2534](#)
- [Remove IP Address from NetApp vFiler, on page 2535](#)
- [Remove NetApp CIFS Volume Share, on page 2536](#)
- [Remove NetApp Initiator from Initiator Group, on page 2537](#)
- [Remove NetApp QTree NFS Export, on page 2538](#)
- [Remove NetApp Volume NFS Export, on page 2539](#)
- [Remove NetApp vFiler Initiator from Initiator Group, on page 2540](#)
- [Remove NetApp vFiler NFS Volume Export, on page 2541](#)
- [Remove Storage from NetApp vFiler, on page 2542](#)
- [Resize NetApp Flexible Volume, on page 2543](#)
- [Resize NetApp LUN, on page 2544](#)
- [Resize NetApp vFiler LUN, on page 2545](#)
- [Resize NetApp vFiler Volume, on page 2546](#)
- [Resize VM Datastore\(NetApp\), on page 2547](#)
- [Restore NetApp SnapVault, on page 2548](#)
- [Set NetApp CIFS Volume Share Access, on page 2549](#)
- [Setup NetApp CIFS on vFiler, on page 2550](#)
- [Unmap NetApp LUN from Initiator Group, on page 2551](#)
- [Unmap NetApp vFiler LUN from Initiator Group, on page 2552](#)
- [Update NetApp SnapVault, on page 2553](#)

Abort NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
System Path	The system path of the snapvault.	NetAppSnapVaultIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Add Disk to NetApp 7-Mode Aggregate

Summary

Assign disk(s) to the aggregate.

Description

The available spare disk(s) can be assigned to an aggregate.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Select an aggregate in which disk(s) to be added.	aggregateIdentity	Y
Disk Name	Select disk(s) to add to aggregate.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_AGGREGATE_NAME	Name of the Aggregate.	netappAggregateName
OUTPUT_AGGREGATE_IDENTITY	Identity of the Aggregate	aggregateIdentity

Add Existing Initiator to NetApp 7-Mode iGroup

Summary

Add an existing initiator of an host node to the existing Initiator Group.

Description

This task will add the initiator to the initiator group of same type(iSCSI/FCP). Task will list out all the existing iSCSI and FCP initiators followed by the type iSCSI/FCP for the selected host node. So that we can select the appropriate initiator based on the selected initiator group of type iSCSI/FCP. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer.	filerIdentity	Y
Hostnode	Select a Hostnode.	vmHost	Y
Initiator Group Type	Select type of the initiator group.	gen_text_input	
Initiator Name	Select the Initiator that needs to be deleted.	gen_text_input	Y
Initiator Group Name	Select the Initiator Group.	netAppInitiatorGroupName	Y

Outputs

Output	Description	Type
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroupName
INITIATOR_NAME	Name of the Initiator on which the selected operation was performed	initiatorName
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_HOST_NAME	Host Name	vmHost

Add IP Address to NetApp 7-Mode vFiler

Summary

Add multiple IP Addresses to a vFiler.

Description

This task will add more than one IP Addresses to a selected vfiler. So that vFiler IP addresses can be configured to different network traffic. We can give comma separated IP Address as input. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	vFilerIdentity	Y
IP Address	Enter new IP Address for the selected vFiler.	gen_text_input	Y

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
VFILER_IP_ADDRESS	IP Address of the vFiler on which the selected operation was performed	gen_text_input

Add License to NetApp 7-Mode Controller

Summary

Apply license to the Filer

Description

When a new Filer is discovered the license needs to be added.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Filer Identity Name	gen_text_input	Y
License Code	Enter the License Code.	gen_text_input	Y

Outputs

No Outputs

Add NetApp 7-Mode NFS Export

Summary

Mount NFS storage.

Description

This task enables pathnames for mounting according to the rules specified. New rules for the pathnames take effect immediately, ignoring previous rules for specified pathnames. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Export Path	Enter the path that will be exported to NFS clients.	gen_text_input	
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	volumeIdentity	Y
Read-Write Hosts	Enter comma-separated list of hosts that should have read-write access.	gen_text_input	Y
Root Hosts	Enter comma-separated list of hosts that should have root access.	gen_text_input	Y
All Hosts	Permissions to all hosts?		Y
Persist NFS Export Rule	Check this option to persist NFS Export rule.		Y
nosuid	nosuid		Y

Outputs

Output	Description	Type
NFS_EXPORT_PATH	NFS Export Path	gen_text_input
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT NFS_EXPORT_IDENTITY	Identity of the Nfs Export	NetappnfsExportIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity

Add NetApp 7-Mode Qtree NFS Export

Summary

Create a NFS export rule for the QTree in the storage system using ONTAP.

Description

This task will create a NFS export rule with the access permissions for the QTree i.e., QTree to access the host servers. If we choose persistent option in the task, the export rule will be persisted in the file `/etc/exportfs` which is stored in the storage system, otherwise the rule will be stored in the temporary RAM memory of the storage system. The main advantage for choosing persistent option is the export rule will not delete from the storage system even the system restarts. The non persistent export rule will erase from the temporary memory when the system restarts. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Export Path	Enter the path that will be exported to NFS clients.	gen_text_input	Y
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	vFilerQtreeIdentity	Y
Read-Write Hosts	Enter comma-separated list of hosts that should have read-write access.	gen_text_input	Y
Root Hosts	Enter comma-separated list of hosts that should have root access.	gen_text_input	Y
Security	Select the security flavors that apply for this export.	gen_text_input	Y
Persist NFS Export Rule	Check this option to persist NFS Export rule.		Y
nosuid	nosuid		Y

Outputs

Output	Description	Type
NFS_EXPORT_PATH	NFS Export Path	gen_text_input
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input

Add NetApp CIFS Volume Share

Summary

Configure and display CIFS shared volume information.

Description

This task will configure a volume as shared resource and make this shared volume visible to the user who is authenticated to access. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume in which CIFS share to be created	vFilerCIFSVolumeIdentity	Y
Share Name	Enter Share Path	gen_text_input	Y
Description	Enter share description		

Outputs

Output	Description	Type
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity
OUTPUT_VFILER_CIFS_VOLUME_IDENTITY	Identity of the vFiler CIFS Volume	vFilerCIFSVolumeIdentity
OUTPUT_CIFS_SHARE_NAME	Name of the CIFS Share.	cifsShareName

Add NetApp Initiator to Initiator Group

Summary

Add an Initiator to an Initiator group.

Description

An Initiator provides the link between a host node and a LUN. This initiator is managed by the Initiator group. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group in which new Initiator needs to be added.	iGroupIdentity	Y
Initiator Name	Enter the name of the Initiator that needs to be created.	gen_text_input	Y
Force	Forcibly Add		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroupName
INITIATOR_NAME	Name of the Initiator on which the selected operation was performed	initiatorName
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity
OUTPUT_ALL_VFILER_IDENTITY	Identity of the All vFilers	netAppAllVFilersIdentity

Add NetApp vFiler Initiator to Initiator Group

Summary

Add an Initiator to an vFiler Initiator group.

Description

An Initiator provides the link between a host node and a LUN. This initiator is managed by the Initiator group. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group in which new Initiator needs to be added.	vFilerIGroupIdentity	Y
Initiator Name	Enter the name of the Initiator that needs to be created.	gen_text_input	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VFILER_INITIATOR_GROUP_NAME	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroup Name
VFILER_INITIATOR_NAME	Name of the vfiler Initiator on which the selected operation was performed	vfilerInitiator
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIGroupIdentity
OUTPUT_ALL_VFILER_IDENTITY	Identity of the All vFilers	netAppAllVFilers Identity

Add NetApp vFiler NFS Volume Export

Summary

Create a NFS export rule for the volume in the storage system.

Description

This task will create a NFS export rule with the access permissions for the vfiler storage path i.e., volume to accesses the host servers. If we choose persistent option in the task, the export rule will be persisted in the file /etc/exportfs which is stored in the storage system, otherwise the rule will be stored in the temporary RAM memory of the storage system. The main advantage for choosing persistent option is the export rule will not delete from the storage system even the system restarts. The non persistent export rule will erase from the temporary memory when the system restarts. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Export Path	Enter the path that will be exported to NFS clients.	gen_text_input	
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	vFilerVolumeIdentity	Y
Read-Write Hosts	Enter comma-separated list of hosts that should have read-write access.	gen_text_input	Y
Root Hosts	Enter comma-separated list of hosts that should have root access.	gen_text_input	Y
Security	Select the security flavors that apply for this export.	gen_text_input	Y
Persist NFS Export Rule	Check this option to persist NFS Export rule.		Y
nosuid	nosuid		Y

Outputs

Output	Description	Type
NFS_EXPORT_PATH	NFS Export Path	gen_text_input
VFILER_NAME	vFiler Name	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Add Quota to NetApp 7-Mode Volume

Summary

Creates a Quota for the Qtree under the volume.

Description

This task will create a quota rule for the QTree under the volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select a Volume	AllvFilerVolumeIdentity	Y
Qtree Name	Select Qtree Name	netAppQTreeName	Y
Quota Type	Select Quota Type	gen_text_input	Y
Disk Space Hard Limit (GB)	Enter disk space hard limit in GB	gen_text_input	
Files Hard Limit	Enter files hard limit	gen_text_input	
Threshold (GB)	Enter threshold value in GB	gen_text_input	
Disk Space Soft Limit (GB)	Enter disk space soft limit in GB	gen_text_input	
Files Soft Limit	Enter files soft limit	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ALL_VFILER_VOLUME_IDENTITY	Identity of the All vFilers volume	AllvFilerVolumeIdentity

Add Storage to NetApp vFiler

Summary

Add Storage components to vFiler

Description

Adding storage to vFiler involves creating Volumes, LUNs, Qtrees or any other storage units and adding them to the vFiler. Security style NTFS option can be chosen to create a volume having the security style as NTFS otherwise volume will be created with style as UNIX. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Identity	Select a vFiler to add storage.	gen_text_input	Y
Aggregate Name	Select an aggregate in which Volume needs to be created.	aggregateIdentity	Y
Storage Name	Enter the Name of the Storage to be created.	gen_text_input	
Storage Size	Enter the size of Storage.	netAppVolSize	Y
Volume Size Units	Select the Volume Size Units.	sizeUnit	Y
Space Guarantee	Select the Space Guarantee.	spaceGuarantee	Y
Snapshot Size (%)	Enter the percentage of the volume snapshot.	netAppVolumeSnapshotPercent	
Security Style NTFS	Do you want to set security style as NTFS?		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VFILER_NAME	Name of the vFiler on which the selected operation was performed	gen_text_input
VFILER_IP_ADDRESS	IP Address of the vFiler on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume

Output	Description	Type
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity
OUTPUT_VFILER_CIFS_VOLUME_IDENTITY	Identity of the vFiler CIFS Volume	vFilerCIFSVolumeIdentity
OUTPUT_ALL_VFILER_VOLUME_IDENTITY	Identity of the All vFilers volume	AllvFilerVolumeIdentity
OUTPUT_ONTAP_ALL_VFILER_IDENTITY	Identity of the All ONTAP vfilers including vfiler0	netAppONTAPAllVFilersIdentity

Assign VLAN to NetApp IP Space

Summary

Assigns selected interface to IP Space.

Description

This task will assign the selected VLAN interface to the IP Space. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Space Name	Select the IP Space that need to be assigned to the VLAN Interface.	ipSpaceIdentity	Y
Interface Name	Select the VLAN interface to which the IP Space need to be assigned.	unAssignedInterface Identity	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
IPSPACE_NAME	Name of the IP Space on which the selected operation was performed	ipSpaceName
OUTPUT_IPSPACE_IDENTITY	Identity of the IP Space	ipSpaceIdentity
VLAN_INTERFACE_NAME	Name of the vLan Interface on which the selected operation was performed	vLANinterfaceName
OUTPUT_VLAN_ID	VLAN ID	vlanID
OUTPUT_INTERFACE_IDENTITY	Identity of the interface	unAssignedInterface Identity

Associate NetApp 7-Mode Volume as VMware NFS Datastore

Summary

Associate a volume as NFS Datastore.

Description

This task associates an existing volume as NFS datastore. In this task we can select the NFS Enabled IP Address which is NFS protocol enabled IP Address for NFS traffic only.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Filer Identity Name	filerIdentity	Y
NFS Enable IP Address	Select a IP Address.	ipaddress	Y
Hostnode	Select a hostnode.	vmwareHostMultiSelect	Y
NFS Path	Enter the NFS Path.	gen_text_input	Y
Datastore Name	Enter the datastore name.	gen_text_input	
Access Mode	Select an access mode.	gen_text_input	Y
Success Criteria	Success Criteria	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect

Associate NetApp vFiler Volume as NFS Datastore

Summary

Associate a vFiler volume as NFS Datastore.

Description

This task associates an existing vFiler volume as NFS datastore. In this task we can select the NFS Enabled IP Address which is NFS protocol enabled IP Address for NFS traffic only. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	vFilerIdentity	Y
NFS Enable IP Address	Select a IP Address.	ipaddress	Y
Hostnode	Select a hostnode.	vmwareHostMultiSelect	Y
NFS Path	Enter the NFS Path.	gen_text_input	Y
Datastore Name	Enter the datastore name.	gen_text_input	
Access Mode	Select an access mode.	gen_text_input	Y
Success Criteria	Success Criteria	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect

Clone NetApp LUN

Summary

Clones selected LUN.

Description

Starts a LUN clone operation asynchronously. If the clone operation starts successfully, a unique clone-id is returned. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select LUN to be renamed	lunIdentity	Y
New LUN Name	Enter the new LUN Name.	gen_text_input	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
LUN_IDENTITY	Identity of the LUN	lunIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Configure NetApp SnapMirror

Summary

Sets up a connection.

Description

This task will sets up a new connection or modify existing connection.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer/vFiler Name	Select Filer Name or vFiler Name	netAppAllVFilers Identity	Y
Connection Name	Name of the connection to add or modify.	gen_text_input	Y
Mode	Type of the mode	gen_text_input	
Address Pair 1	Connection's first source and destination address pair. In multi mode, first address pair provides a connection path; while in failover mode, first address pair provides the prefer connection path.		
Source Address	Source address in the form of filer name or IP.	gen_text_input	Y
Destination Address	Destination address in the form of filer name or IP.	gen_text_input	Y
Address Pair 2	Connection's second source and destination address pair. In multi mode, second address pair provides another connection path; while in failover mode, second address pair provides the connection path in case first path fails..		
Source Address	Source address in the form of filer name or IP.	gen_text_input	
Destination Address	Destination address in the form of filer name or IP.	gen_text_input	
Remote Access			
Snapmirror Access IPs	Enter destination filer/vfiler IP Addresses to access the selected source filer/vfiler.	gen_text_input	Y

Outputs

No Outputs

Configure NetApp VLAN Interface

Summary

Configure network interfaces of filer.

Description

This task will configure network interface and persist in the /etc/rc file.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Space Name	Select the IP Space that need to be assigned to the VLAN Interface.	ipSpaceIdentity	Y
Interface Name	Select the VLAN interface to which the IP Space need to be assigned.	unAssignedInterface Identity	Y
MTU Size	Enter MTU size	gen_text_input	
Configure Partner	Select partner vLAN interface		
Partner Interface Name	Select Partner vLAN Interface	unAssignedInterface Identity	Y
Partner IPSpace Name	Select the IP Space that need to be assigned to the VLAN Interface.	ipSpaceIdentity	Y
IP Address	Enter IP Address for the partner vLAN interface	gen_text_input	
Subnet mask	Enter netmask for the partner vLAN interface	gen_text_input	
Creator	Entity responsible for creation of address(vfiler/SVM).	gen_text_input	
Make Configuration Persistent	Do you want to persist the configuration?		
Negotiated Failover	Do you want to enable negotiated failover?		

Outputs

No Outputs

Create NetApp Aggregate

Summary

Creation of the aggregate.

Description

This task will create an aggregate.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Filer Identity Name	filerIdentity	Y
Aggregate Name	Enter Aggregate Name.	netappAggregateName	Y
Disk Count	Enter Number of disks.	gen_text_input	
Disk List	Select disks to be aggregated.	netappSpareDiskList	
Raid Type	Choose raid type.	netappRaidType	

Outputs

Output	Description	Type
OUTPUT_AGGREGATE_NAME	Name of the Aggregate.	netappAggregateName
OUTPUT_AGGREGATE_IDENTITY	Identity of the Aggregate	aggregateIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Create NetApp Flexible Volume

Summary

Create a flexible volume.

Description

A traditional volume can be resized to a bigger size but cannot be reduced in size. A flexible volume on the other hand can be resized to either a bigger or smaller size. A traditional volume is tightly coupled with its containing aggregate. In order to increase the size of the traditional volume additional disk can be added. A flexible volume is loosely coupled with its containing aggregate and hence size can be increased or decreased. Security style NTFS option can be chosen to create a volume having the security style as NTFS otherwise volume will be created with style as UNIX. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Select an aggregate in which Volume needs to be created.	aggregateIdentity	Y
Volume Name	Enter the Name of the Volume to be created.	gen_text_input	
Volume Size	Enter the size of Volume.	netAppVolSize	Y
Volume Size Units	Select the Volume Size Units.	sizeUnit	Y
Space Guarantee	Select the Space Guarantee.	spaceGuarantee	Y
Snapshot Size (%)	Enter the percentage of the volume snapshot.	netAppVolume SnapshotPercent	
Security Style NTFS	Do you want to set security style as NTFS?		
NFS Export	Do you want to create NFS export path automatically?		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_ONCOMMAND_FILER_IDENTITY	Identity of the OnCommand Filer	dfmFilerIdentity

Output	Description	Type
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_AGGREGATE_IDENTITY	Identity of the Aggregate	aggregateIdentity
OUTPUT_VFILER_CIFS_VOLUME_IDENTITY	Identity of the vFiler CIFS Volume	vFilerCIFSVolumeIdentity
OUTPUT_ALL_VFILER_VOLUME_IDENTITY	Identity of the All vFilers volume	AllvFilerVolumeIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
NFS_EXPORT_PATH	NFS Export Path	gen_text_input

Create NetApp IP Space

Summary

Create a new IP Space.

Description

Creates a new IP Space with the given name in specified filer. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer in which the new IP Space need to be created.	filerIdentity	Y
IP Space Name	Enter the Name of the IP Space to be created.	ipSpaceName	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
IPSPACE_NAME	Name of the IP Space on which the selected operation was performed	ipSpaceName
OUTPUT_IPSPACE_IDENTITY	Identity of the IP Space	ipSpaceIdentity
OUTPUT_UNASSIGNED_IPSPACE_IDENTITY	Identity of the UnAssigned IP Space	unAssignedipSpaceIdentity

Create NetApp Initiator Group

Summary

Create a Initiator Group

Description

Initiator group is a list of initiators (iSCSI or fabric adapters). Create an Initiator group which can used to group initiators in a separate task. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer in which new Initiator Group need to be created.	filerIdentity	Y
Initiator Group Name	Enter a group name for the initiator group.	gen_text_input	
Group Type	Select a Type for the initiator group.	netAppInitiatorGroup Type	Y
OS Type	Select the operating system type of the initiators in this group.	ostype	Y
Port Set	Port Set	netAppBindPortSet	

Outputs

Output	Description	Type
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroupName
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_ALL_VFILER_IDENTITY	Identity of the All vFilers	netAppAllVFilersIdentity

Create NetApp LUN

Summary

Create a LUN

Description

A LUN is a Storage Unit (Logical Unit Number). This task is for creating the LUN storage unit. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select a Volume in which new LUN needs to be created.	volumeIdentity	Y
LUN Name	Enter the Name of the LUN that is to be created.	lunName	
OS Type	Select the operating system type.	ostype	Y
LUN Size	The size of the LUN.	netAppLunSize	Y
LUN Size Units	Select the LUN Size Units.	sizeUnit	Y
Reserve Space	Reserve Space		

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
LUN_IDENTITY	Identity of the LUN	lunIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity

Create NetApp QTree

Summary

Creates a new QTree under the selected volume.

Description

This task will create new QTree under the selected volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select a Volume	AllvFilerVolumeIdentity	Y
Qtree Name	Enter qtree name	netAppQTreeName	

Outputs

Output	Description	Type
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity
OUTPUT_VFILER_QTREE_IDENTITY	Identity of the vFiler Qtree	vFilerQtreeIdentity
OUTPUT_ALL_VFILER_VOLUME_IDENTITY	Identity of the All vFilers volume	AllvFilerVolumeIdentity
OUTPUT_QTREE_IDENTITY	Identity of the Qtree	netAppQTreeIdentity
OUTPUT_QTREE_NAME	Name of the QTree.	netAppQTreeName

Create NetApp SnapMirror Schedule

Summary

Creates Snapmirror Schedule

Description

This task will be used to schedule snap mirrors

Inputs

Input	Description	Mappable To Type	Mandatory
Source Location	Source location of a schedule to set.	AllvFilerVolume Identity	Y
Select Option	Option to choose existing volume or create a new volume as destination in the current filer or vfiler.		
Destination Location	Destination location of a schedule to set.	gen_text_input	Y
vFiler Name	Select a vFiler to add storage.	gen_text_input	Y
Aggregate	Select aggregate to create a flexible volume.	gen_text_input	Y
Volume Name	Enter new destination volume name.	gen_text_input	
Volume Size (GB)	Enter new destination volume size.	gen_text_input	Y
Space Guarantee	Select the Space Guarantee.	gen_text_input	Y
Minutes	Minutes in the hour for which the schedule is set. Possible values:(-)=match nothing, (1)=match minute 1, (1,3)=match minute 1 and 3, (*)=match all possible legal values.	gen_text_input	Y
Hours	Hours in the day for which the schedule is set. Possible values:(-)=match nothing, (1)=match hour 1, (1,3)=match hour 1 and 3, (*)=match all possible legal values.	gen_text_input	Y
Days of Month	Minutes in the hour for which the schedule is set. Possible values: (-)=match nothing, (1)=match day 1, (1,3)=match day 1 and 3, (2-5)=match day 2,3,4,5, (*)=match all possible legal values.	gen_text_input	Y
Days of Week	Days in the week for which the schedule is set. 0 represents sunday, and 6 represents saturday. Possible values:(-)=match nothing, (1)=match day 1(Monday), (1,3)=match day 1(Monday) and 3(Wednesday), (2-5)=match day 2,3,4,5(Tuesday to Friday), (*)=match all possible legal values.	gen_text_input	Y
Max Transfer Rate (KB)	Maximun transfer rate kilobytes per second. Default is as fast as filer can transfer.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_ALL_VFILER_SNAPMIRROR_DESTINATION_IDENTITY	Identity of the all vfiler and vfiler0 snapmirror destination identity.	netAppAllvFilersSnapmirrorDestinationIdentity

Create NetApp SnapVault

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Primary System	Primary system	filerIdentity	Y
Source Path	Source Path.	netAppQTreeIdentity	Y
Destination Volume	Destination volume.	volumeIdentity	Y
New Destination QTree Name	New Destination qtree name.	gen_text_input	Y
Maximum Transfer Rate	Maximum transfer rate in KBs.	gen_text_input	
Tries Count	Maximum value is 120.	gen_text_input	
Connection Mode	Connection mode.	gen_text_input	
Allow Open File Backup	Select checkbox to allow open file backup	Boolean	
Ignore Access time Change	Select checkbox to ignore access time change	Boolean	
Use Compression	Select action to specify whether to use compression or not.	gen_text_input	
Primary Path UTF8 Encoded	Select checkbox to enable primary path utf8 encoding.	Boolean	

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Create NetApp Volume Snapshot

Summary

Create a Volume Snapshot.

Description

A volume can be backed up using the snapshot feature. Snapshot can be used for the purpose of backup and recovery of a Volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the volume for which snapshot to be created.	volumeIdentity	Y
Snapshot Name	Enter the name of the snapshot to be created.	netAppVolSnapshot	Y
Is Valid Lun Clone Snapshot	Is Valid Lun Clone Snapshot	gen_text_input	
Async	Async	gen_text_input	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
SNAPSHOT_NAME	Name of the Snapshot on which the selected operation was performed	netAppVolSnapshot
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity

Create NetApp vFiler Initiator Group

Summary

Create an vFiler Initiator Group

Description

Initiator group is a list of initiators (iSCSI or fabric adapters). Create an Initiator group which can used to group initiators in a separate task. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select the vFiler in which new Initiator Group need to be created.	vFilerIdentity	Y
Initiator Group Name	Enter a group name for the initiator group.	vfilerInitiatorGroupName	
Group Type	Select a Type for the initiator group.	netAppInitiatorGroupType	Y
OS Type	Select the operating system type of the initiators in this group.	ostype	Y
Port Set	Port Set	netAppBindPortSet	

Outputs

Output	Description	Type
VFILER_INITIATOR_GROUP	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroup
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIGroupIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_ALL_VFILER_IDENTITY	Identity of the All vFilers	netAppAllVFilersIdentity

Create NetApp vFiler LUN

Summary

Creates a vFiler LUN.

Description

This task creates a vFiler LUN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select a Volume in which new LUN needs to be created.	vFilerVolumeIdentity	Y
LUN Name	Enter the Name of the LUN that is to be created.	lunName	
OS Type	Select the operating system type.	ostype	Y
LUN Size	The size of the LUN.	netAppLunSize	Y
LUN Size Units	Select the LUN Size Units.	sizeUnit	Y
Reserve Space	Reserve Space		

Outputs

Output	Description	Type
VFILER_LUN_PATH	Path of the vfiler LUN on which the selected operation was performed	netAppLunPath
OUTPUT_VFILER_LUN_IDENTITY	Identity of the vFiler LUN	vFilerLUNIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Create NetApp vFiler Setup

Summary

Sets up services for selected vFiler.

Description

Set up services for a vFiler that has already been created. At least one of the optional arguments must be specified. If vfiler IP address is desired to map from previous task (Add IP Address to vFiler), then user should check the Alternate vFiler IP checkbox option in this task. Enter the DNS domain name for the vfiler and the IP addresses of the vfiler's domain servers which are helpful to CIFS setup. This task will work only for ONTAP account.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	vFilerIdentity	Y
Alternate vFiler IP	Select alternate vFiler IP Address for setup		
IP Address	Enter IP Address for the selected v Filer	gen_text_input	
Subnet mask	Enter Subnet mask	gen_text_input	Y
DNS Domain	Enter DNS Domain	gen_text_input	
DNS Server Addresses	Enter list of DNS Server IP Addresses	gen_text_input	
Interface Name	Interface Name	gen_text_input	
Default Gateway	Enter default gateway	gen_text_input	
Protocols	Select the Protocols.	vfilerProtocol	

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_ONTAP_ALL_VFILER_IDENTITY	Identity of the All ONTAP vfilers including vfiler0	netAppONTAPAllVFilers Identity

Create NetApp vLAN Interface

Summary

Creates a new vLAN.

Description

Creates a new vLAN interface using the specified physical and virtual interface names and VLAN ID. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Name	Enter the Physical Interface Name.	vLANPhysInflIdentity	Y
VLAN ID	Enter the VLAN ID.	vlanID	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VLAN_INTERFACE_NAME	Name of the vLan Interface on which the selected operation was performed	vLANinterfaceName
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_ONCOMMAND_FILER_IDENTITY	Identity of the OnCommand Filer	dfmFilerIdentity
OUTPUT_VLAN_ID	VLAN ID	vlanID
OUTPUT_INTERFACE_IDENTITY	Identity of the interface	unAssignedInterfaceIdentity

Create vFiler using NetApp OnTap

Summary

Create a vFiler using ONTAP

Description

A vFiler is a logical unit of storage. We can manage a single Filer using ONTAP. In this task we create a vFiler using ONTAP.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer in which the new vFiler need to be created.	filerIdentity	Y
vFiler Name	Enter the Name of the vFiler to be created.	gen_text_input	Y
IP Address	Provide IP address range or comma separated IP addresses or both	gen_text_input	Y
Storage Unit	Select the Storage Units.	gen_text_input	Y
IP Space Name	Enter the Name of the IP Space to be used for vFiler.	ipSpaceIdentity	Y
Setup	vfiler setup		
Subnet Mask	Enter Subnet Mask	gen_text_input	Y
DNS Domain	Enter DNS Domain	gen_text_input	
DNS Server Addresses	Enter list of DNS Server IP Addresses	gen_text_input	
Interface Name	Select interface name	gen_text_input	
Default Gateway	Enter default gateway	gen_text_input	
Protocols	Select the Protocols.	vfilerProtocol	

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
VFILER_IP_ADDRESS	IP Address of the vFiler on which the selected operation was performed	gen_text_input
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
IPSPACE_NAME	Name of the IP Space on which the selected operation was performed	ipSpaceName

Output	Description	Type
VLAN_INTERFACE_NAME	Name of the vLan Interface on which the selected operation was performed	vLANinterfaceName
OUTPUT_VFILER_INTERFACE_IDENTITY	Identity of the interface which is assigned to vfiler.	vfilerInterfaceIdentity
OUTPUT_ONTAP_ALL_VFILER_IDENTITY	Identity of the All ONTAP vfilers including vfiler0	netAppONTAPAllVFilersIdentity

Delete NetApp Aggregate

Summary

Deletes the selected aggregate

Description

This task will delete the selected aggregate

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Select an aggregate to be deleted.	aggregateIdentity	Y
Make offline if aggregate is online	Select this checkbox for force deletion of aggregate		

Outputs

Output	Description	Type
OUTPUT_AGGREGATE_NAME	Name of the Aggregate.	netappAggregateName
OUTPUT_AGGREGATE_IDENTITY	Identity of the Aggregate	aggregateIdentity

Delete NetApp IP Space

Summary

Deletes an IP Space.

Description

Destroys selected IP Space. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Space Name	Select the IP Space that need to be deleted.	ipSpaceIdentity	Y
Force	Forcibly Delete.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
IPSPACE_NAME	Name of the IP Space on which the selected operation was performed	ipSpaceName
OUTPUT_IPSPACE_IDENTITY	Identity of the IP Space	ipSpaceIdentity

Delete NetApp Initiator Group

Summary

Delete an Initiator Group

Description

An Initiator group can be deleted when the LUN that it is mapped to does not have any usage. When deleting an Initiator Group all the initiators within this group are deleted. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group that needs to be deleted.	iGroupIdentity	Y
Force	Forcibly Delete.	Boolean	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroup Name
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity

Delete NetApp SnapMirror Schedule

Summary

Deletes Snapmirror Schedule

Description

This task will delete snap mirror schedules

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Location	The destination location of the snapmirrored Schedule.	gen_text_input	Y

Outputs

No Outputs

Delete NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Path	The secondary path of the snapvault.	NetAppSnapVaultIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Delete NetApp vFiler Initiator Group

Summary

Delete an vFiler Initiator Group

Description

An Initiator group can be deleted when the LUN that it is mapped to does not have any usage. When deleting an Initiator Group all the initiators within this group are deleted. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group that needs to be deleted.	vFilerIGroupIdentity	Y
Force	Forcibly Delete.	Boolean	

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VFILER_INITIATOR_GROUP_NAME	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroupName
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIGroupIdentity

Delete Quota

Summary

Deletes a Quota for the Qtree under the volume.

Description

This task will delete a quota rule for the QTree under the volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select a Volume	AllvFilerVolumeIdentity	Y
Qtree Name	Select Qtree Name	gen_text_input	Y

Outputs

No Outputs

Delete VLAN Interface

Summary

Deletes a vLAN.

Description

Deletes the selected vLAN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer from which VLAN Interface need to be deleted.	filerIdentity	Y
Virtual Interface Name	Enter the Virtual Interface Name.	gen_text_input	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VLAN_INTERFACE_NAME	Name of the vLan Interface on which the selected operation was performed	vLANinterfaceName
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Destroy NetApp Flexible Volume

Summary

Delete an existing flexible Volume.

Description

A traditional volume can be resized to a bigger size but cannot be reduced in size. A flexible volume on the other hand can be resized to either a bigger or smaller size. A traditional volume is tightly coupled with its containing aggregate. In order to increase the size of the traditional volume additional disk can be added. A flexible volume is loosely coupled with its containing aggregate and hence size can be increased or decreased. This task is to delete an existing flexible volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume that needs to be destroyed.	volumeIdentity	Y
Force	Forcibly Delete.		

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity

Destroy NetApp LUN

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be destroyed.	lunIdentity	Y
Force	Forcibly Delete.	Boolean	

Outputs

No Outputs

Destroy NetApp QTree

Summary

Destroy a selected QTree under the volume.

Description

Destroy a selected QTree under the volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Qtree Name	Select Qtree Name	vFilerQtreeIdentity	Y
Force	Forcibly Delete.		

Outputs

Output	Description	Type
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity

Destroy NetApp vFiler LUN

Summary

Destroys a vFiler LUN.

Description

This task destroys a vFiler LUN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be destroyed.	vFilerLUNIdentity	Y
Force	Forcibly Delete.	Boolean	

Outputs

No Outputs

Destroy NetApp vFiler using OnTap

Summary

Destroy the vfiler permanently on the storage system using ONTAP.

Description

This task will destroy the selected vfiler permanently from the storage system.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	vFilerIdentity	Y
Force	Forcibly Delete.		

Outputs

No Outputs

Execute NetApp CLI

Summary

An Interface to the Command Line

Description

Executes the CLI command on the filer and returns either true or false based on the output and the expected value. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Filer Identity Name	filerIdentity	Y
CLI Command	Enter CLI Command	gen_text_input	
Expected Output	Enter Expected Output	gen_text_input	
Undo CLI Command	Enter CLI Command	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLI_OUTPUT	Output of NetApp CLI Task.	gen_text_input

Get NetApp partner info

Summary

Gets NetApp partner information

Description

This task will get the partner information of selected filer

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer.	filerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_NETAPP_STORAGE_PARTNER_IDENTITY	Identity of the Filer partner identity	netappStoragePartner Identity

Map LUN to NetApp Initiator Group

Summary

Map an existing LUN to an existing Initiator Group

Description

Each Initiator under Initiator Group are mapped to individual host nodes. The host node information is stored in the specified LUN which is mapped to this Initiator Group This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer.	filerIdentity	Y
Initiator Group Name	Select the Initiator Group that will be mapped to the LUN.	netAppInitiatorGroup Name	Y
Specify LUN ID	If not specified, system will generate LUN ID automatically.		
LUN ID	LUN ID for LUN	lunId	Y
LUN Path	Select the LUN Path that needs to be mapped to the Initiator Group.	netAppLunPath	Y

Outputs

Output	Description	Type
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroup Name
LUN_ID	ID of the LUN	gen_text_input
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
LUN_IDENTITY	Identity of the LUN	lunIdentity
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity

Map NetApp vFiler LUN to Initiator Group

Summary

Map an existing LUN in vfiler to an existing Initiator Group in vfiler

Description

Each Initiator under Initiator Group is mapped to individual host nodes. The host node information is stored in the specified LUN which is mapped to this Initiator Group This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Initiator Group Name	vFilerIgroupIdentity	Y
Specify LUN ID	If not specified, system will generate LUN ID automatically.		
LUN ID	LUN ID for LUN	lunId	
LUN Path	Select the LUN Path that needs to be mapped to the Initiator Group.	netAppLunPath	Y

Outputs

Output	Description	Type
VFILER_INITIATOR_GROUP_NAME	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroupName
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIgroupIdentity
OUTPUT_VFILER_LUN_IDENTITY	Identity of the vFiler LUN	vFilerLUNIdentity

Modify NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Primary System	Select the Primay Device Name.	filerIdentity	Y
Destination Path	Select the Destination Path for which Source Path should be changed.	netAppDestinationPath	Y
Primary Path	Select the Source Path	netAppQTreeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Modify NetApp Volume Status

Summary

Modify the status of selected flexible Volume

Description

This task can modify the status of any flexible volume. It can be used to bring the volume online or take it offline.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the volume to modify status	AllvFilerVolumeIdentity	Y
Online	Select checkbox to bring the volume Online	NETAPP_VOLUME_STATUS	

Outputs

Output	Description	Type
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input

Move NetApp LUN

Summary

Changing the LUN Path within Volume

Description

This task is for changing the LUN Path within the Volume This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be Moved.	lunIdentity	Y
LUN Name	Enter the New LUN Name.	lunDestName	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
LUN_IDENTITY	Identity of the LUN	lunIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

NetApp SnapMirror Destination Actions

Summary

Perform snapmirror action like Initialize, Break, Quiesce, Resume, Resync on destination location volume.

Description

This task will support multiple actions on snapmirror destination volume. Based on the input selection of action type, appropriate action will be executed. Initialize - Starts an initial transfer over the network for a specific destination. Break - Breaks a snapmirrored relationship. No checking on whether the operation is legal, or whether it is successful. Result will be updated after the inventory collected in this task. Quiesce - Pauses transfer to the destination. Resume - Resumes transfers to the destination that were quiesced. Resync - Kicks off a resync of a broken snapmirrored pair.

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Location	The destination location of the snapmirrored pair to perform action.	netAppAllvFilersSnapmirror DestinationIdentity	Y
Select Action	Select action to be performed on the destination location.	gen_text_input	Y

Outputs

No Outputs

Persist NetApp Network Configuration

Summary

Persists all filer network configurations in a file.

Description

This task will write and persists all network interface configurations in to a filers /etc/rc file. So that network configuration settings will not loose when the filer restarts. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Filer Identity Name	gen_text_input	Y

Outputs

No Outputs

Release NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Path	The secondary path of the snapvault.	NetAppSnapVaultIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Remove IP Address from NetApp vFiler

Summary

Remove selected IP Address which are assigned to a vFiler.

Description

This task will remove the selected IP Address from the list of IP's that are configured network traffic for a vfiler. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	gen_text_input	Y
IP Address	Select IP Address for the selected vFiler.	gen_text_input	

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
VFILER_IP_ADDRESS	IP Address of the vFiler on which the selected operation was performed	gen_text_input

Remove NetApp CIFS Volume Share

Summary

Removes the sharing of volume resource.

Description

This task will removes the configured CIFS volume share for the selected volume. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Filer/vFiler Volume	Select Filer Name or vFiler Name	vFilerCIFSVolumeIdentity	Y
Share Name	Select Share Path	gen_text_input	Y

Outputs

No Outputs

Remove NetApp Initiator from Initiator Group

Summary

Remove an Initiator from an Initiator Group

Description

Remove the Initiator from the Initiator Group. Once removed the host node will not be able to access the LUN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group from which an Initiator needs to be deleted.	iGroupIdentity	Y
Initiator Name	Select the Initiator that needs to be deleted.	gen_text_input	Y
Force	Forcibly Delete.		

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_IGROUP_IDENTITY	Identity of the iGroup	iGroupIdentity

Remove NetApp QTree NFS Export

Summary

Removes a NFS export rule for QTree.

Description

This task will deleted a NFS Export rule which is created for the QTree. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	vFilerQtreeIdentity	Y
Force	Forcibly Delete.		

Outputs

No Outputs

Remove NetApp Volume NFS Export

Summary

Removes NFS export rule for the volume in the storage system using ONTAP.

Description

This task will remove a NFS export rule for the volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	AllvFilerVolumeIdentity	Y
Force	Forcibly Delete.		

Outputs

No Outputs

Remove NetApp vFiler Initiator from Initiator Group

Summary

Remove an Initiator from an vFiler Initiator Group

Description

Remove the Initiator from the Initiator Group. Once removed the host node will not be able to access the LUN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Select the Initiator Group from which an Initiator needs to be deleted.	vFilerIGroupIdentity	Y
Initiator Name	Select the Initiator that needs to be deleted.	gen_text_input	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VFILER_INITIATOR_GROUP_NAME	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroup Name
VFILER_INITIATOR_NAME	Name of the vfiler Initiator on which the selected operation was performed	vfilerInitiator
OUTPUT_VFILER_IGROUP_IDENTITY	Identity of the vFiler Initiator Group	vFilerIGroupIdentity

Remove NetApp vFiler NFS Volume Export

Summary

Remove vFiler NFS Volume Export

Description

Removes the NFS rule for the pathname. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	vFilerIdentity	Y
Export Path	Enter the path that will be exported to NFS clients.	gen_text_input	Y

Outputs

No Outputs

Remove Storage from NetApp vFiler

Summary

Remove Storage components from vFiler.

Description

Remove existing Storage components from vFiler like Volumes, LUNs, Qtrees etc.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select the vFiler from which Storage need to be removed.	gen_text_input	Y
Storage Path	Enter the Path of the storage that needs to be removed.	volume	Y
Force	Force destroy?		

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler	vfilerName
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity

Resize NetApp Flexible Volume

Summary

Resize an existing flexible volume.

Description

To increase/decrease the capacity of a flexible volume user needs to mention the required size of the flexible volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume that need to be Resized.	volumeIdentity	Y
Volume Size	Enter the new Volume Size.	netAppVolSize	Y
Volume Size Units	Enter the Volume Size Units.	sizeUnit	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_ONCOMMAND_FILER_IDENTITY	Identity of the OnCommand Filer	dfmFilerIdentity

Resize NetApp LUN

Summary

Resize the LUN size within volume

Description

This task is for resizing the LUN size within the volume This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be Resized.	lunIdentity	Y
LUN Size	Enter the New LUN Resize Value	netAppLunSize	Y
LUN Size Units	Select the LUN Size Units.	sizeUnit	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
LUN_IDENTITY	Identity of the LUN	lunIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Resize NetApp vFiler LUN

Summary

Resizes a vFiler LUN.

Description

This task resizes a vFiler LUN. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be Resized.	vFilerLUNIdentity	Y
LUN Size	Enter the New LUN Resize Value	netAppLunSize	Y
LUN Size Units	Select the LUN Size Units.	sizeUnit	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
OUTPUT_VFILER_LUN_IDENTITY	Identity of the vFiler LUN	vFilerLUNIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Resize NetApp vFiler Volume

Summary

Resizes vFiler volume

Description

This task will resize selected vFiler volume to specified new size

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the vFiler Volume that need to be resized.	vFilerVolumeIdentity	Y
Volume Size	Enter the new Volume Size.	netAppVolSize	Y
Volume Size Units	Select the Volume Size Units.	sizeUnit	

Outputs

Output	Description	Type
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity

Resize VM Datastore(NetApp)

Summary

Selected VMware VM's Datastore can be resized using VSC.

Description

This task resizes the datastore which is associated for the selected VM in the vCenter server and is mapped the storage target either NFS Volume or VMFS LUN to the Storage system by the VSC plugged to the vCenter Server. we can either increase or decrease the datastore of type NFS exported as volume, but the we cannot decrease the datatstore of type VMFS mapped to storage target as LUN.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Optionally select a VM for resizing the storage on	vm	Y
Datastore Name	Select a Datastore Name.	dataStoreName	
Storage Size (GB)	Enter the size of Storage.	dataStoreSize	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName

Restore NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Snapvault to Restore	Select Snapvault to restore.	NetAppSnapVaultIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity

Set NetApp CIFS Volume Share Access

Summary

Makes the volume shareable by CIFS access

Description

This task will make the volume sharable by CIFS access

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume in which CIFS share to be created	vFilerCIFSVolumeIdentity	Y
Share Name	Enter Share Path	cifsShareName	Y
Select Role	Select role to provide permission for cifs share directory.	netAppCifsRole	
Role ID	Enter domain user name or group name.	gen_text_input	Y
Domain Name	Enter domain name.	gen_text_input	
Access Type	Select type of access permissions.	netAppCifsAccess	
Description	Enter share description		

Outputs

No Outputs

Setup NetApp CIFS on vFiler

Summary

Setup filer/vfiler CIFS service.

Description

This task will configure the filer/vfiler's CIFS service. The CIFS service will start automatically once this task completes successfully.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	netAppONTAPAll VFilersIdentity	Y
Authentication	Select Authentication style	gen_text_input	
Security Style	Select Securiry style	gen_text_input	
DNS Domain Name	Enter name of the domain that the CIFS server will join	gen_text_input	Y
Login User	The name of a domain user that has the ability to add the CIFS server to the domain given in domain-name	gen_text_input	Y
Login Password	The password for login-user	password	Y
Organizational Unit	The distinguished name of the organizational unit	gen_text_input	
Site Name	The name of the site CIFS service will become member	gen_text_input	
vFiler Root Password	The password for root user under vFiler	password	Y

Outputs

Output	Description	Type
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Unmap NetApp LUN from Initiator Group

Summary

Un-map the LUN from the Initiator Group.

Description

Once the LUN is unmapped from the initiator group, the host node information stored in the LUN is no longer accessible. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be Unmapped from the Initiator Group.	lunIdentity	Y
Initiator Group Name	Select the Initiator Group.	netAppInitiatorGroupName	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
INITIATOR_GROUP_NAME	Name of the Initiator Group on which the selected operation was performed	netAppInitiatorGroupName
LUN_IDENTITY	Identity of the LUN	lunIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Unmap NetApp vFiler LUN from Initiator Group

Summary

Un-Map the LUN from the Initiator Group.

Description

Once the LUN is unmapped from the initiator group, the host node information stored in the LUN is no longer accessible. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be Unmapped from the Initiator Group.	vFilerLUNIdentity	Y
Initiator Group Name	Select the Initiator Group.	vfilerInitiatorGroupName	Y

Outputs

Output	Description	Type
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
VFILER_INITIATOR_GROUP	Name of the vfiler Initiator Group on which the selected operation was performed	vfilerInitiatorGroup
OUTPUT_VFILER_LUN_IDENTITY	Identity of the vFiler LUN	vFilerLUNIdentity
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
FILER_NAME	Name/IP Address of the Filer on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Update NetApp SnapVault

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Path	The destination path of the snapvault.	NetAppSnapVaultIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_SNAPVAULT_IDENTITY	NetApp Snapvault Identity.	NetAppSnapVaultIdentity



NetApp OnCommand Tasks

This chapter contains the following sections:

- [Add Dataset Member using NetApp OnCommand, on page 2556](#)
- [Add Group Member Using NetApp OnCommand, on page 2557](#)
- [Add LUN to Dataset using NetApp OnCommand, on page 2558](#)
- [Add Resource Pool to Dataset using NetApp OnCommand, on page 2559](#)
- [Add Volume to Dataset using NetApp OnCommand, on page 2560](#)
- [Attach Storage Service to Dataset using NetApp OnCommand, on page 2561](#)
- [Create Dataset on vFiler using NetApp OnCommand, on page 2562](#)
- [Create Dataset using NetApp OnCommand, on page 2563](#)
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- [Create vFiler using NetApp OnCommand, on page 2566](#)
- [Delete DFM Group using NetApp OnCommand , on page 2568](#)
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- [Detach Storage Service from Dataset using NetApp OnCommand, on page 2573](#)
- [Modify LUN Export settings using NetApp OnCommand, on page 2574](#)
- [Provision Dataset with Storage Service Using NetApp OnCommand, on page 2575](#)
- [Remove Dataset Member using NetApp OnCommand, on page 2576](#)
- [Remove Group Member using NetApp OnCommand, on page 2577](#)

Add Dataset Member using NetApp OnCommand

Summary

Add members to a dataset using OnCommand.

Description

This task adds members to an existing dataset.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Name	Filer Name	filerIdentity	Y
Dataset Name	Select Dataset Name	OnCommandVolumeDataset Identity	Y
Select Member Type	Select the Type of Dataset Member.	gen_text_input	Y
Dataset Member Name	Select the Dataset Member to be created.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_DATASET_MEMBER_NAME	Member of the Dataset	netAppOnCommandGroup Member

Add Group Member Using NetApp OnCommand

Summary

Adds a member to a group using OnCommand.

Description

Adds a member to the selected group.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	OnCommandAccountIdentity	Y
Group Name	Select the Group Name in which the new Group Member needs to be created.	netAppOnCommandGroups	Y
Dataset Name	Select the Dataset to be deleted.	OnCommandAllDatasetIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ONCOMMAND_LUN_DATASET_IDENTITY	Identity of the LUN Dataset	OnCommandLUNDatasetIdentity
OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY	Identity of the Volume Dataset	OnCommandVolumeDatasetIdentity
ONCOMMAND_GROUP_NAME	Name of the OnCommand Group	netAppOnCommandGroupName
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity
OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Un Assigned Dataset	OnCommandUnAssignedDatasetIdentity
OUTPUT_DFM_ASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Assigned Dataset	OnCommandAssignedDatasetIdentity

Add LUN to Dataset using NetApp OnCommand

Summary

Create a LUN under the dataset based on the provisioning policy of the dataset using OnCommand.

Description

This task will create a LUN under the selected dataset, because of all the datasets listing in the task were having the provisioning policy storage container type is "LUN", So that any member added under the dataset can be created as LUN.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select Dataset Name	OnCommand LUNDatasetIdentity	Y
Storage Name	Enter the name of Storage.	lunName	
Storage Size (GB)	Enter the size of Storage.	netAppLunSize	Y
Snapshot Reserve (%)	Enter the Snapshot reserve in percentage of Storage Size.	gen_text_input	
LUN Export Settings	Enter the export settings for the LUN.	gen_text_input	
Export Protocol Type	Select a protocol type for exporting a LUN.	gen_text_input	Y
OS Type	Select the operating system type of the initiators in this group.	ostype	Y
Initiator Name	Enter the name of the Initiator that needs to be created.	gen_text_input	Y

Outputs

Output	Description	Type
LUN_ID	ID of the LUN	gen_text_input
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath

Add Resource Pool to Dataset using NetApp OnCommand

Summary

Assign a primary resource pool to the dataset using OnCommand.

Description

This task will assign a resource pool either filer/aggregate to the dataset selected in the task using OnCommand. Resources may be either Filer/Aggregates. Once the resources can be added to the pool, Datasets can be used later.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select the Dataset to be deleted.	OnCommandAllDatasetIdentity	Y
Resource Pool Name	Enter the Name of the Resouce pool to be created.	OnCommandResourcePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_ONCOMMAND_LUN_DATASET_IDENTITY	Identity of the LUN Dataset	OnCommandLUNDataset Identity
OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY	Identity of the Volume Dataset	OnCommandVolumeDataset Identity

Add Volume to Dataset using NetApp OnCommand

Summary

Create a volume under the dataset based on the provisioning policy of the dataset using OnCommand.

Description

This task will create a volume under the selected dataset, because of all the datasets listing in the task were having the provisioning policy storage container type is "Volume", So that any member added under the dataset can be created as volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select Dataset Name	OnCommandVolumeDataset Identity	Y
Volume Name	Enter the Name of the Volume to be created.	gen_text_input	
Storage Size (GB)	Enter the size of Storage.	gen_text_input	Y
Snapshot Reserve (%)	Enter the Snapshot reserve in percentage of Storage Size.	gen_text_input	Y

Outputs

Output	Description	Type
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity
OUTPUT_VFILER_VOLUME_IDENTITY	Identity of the vFiler Volume	vFilerVolumeIdentity
OUTPUT_DATASET_MEMBER_NAME	Member of the Dataset	netAppOnCommandGroup Member
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDataset Identity
OUTPUT_QTREE_IDENTITY	Identity of the Qtree	netAppQTreeIdentity
OUTPUT_VFILER_QTREE_IDENTITY	Identity of the vFiler Qtree	vFilerQtreeIdentity
OUTPUT_ALL_VFILER_VOLUME_IDENTITY	Identity of the All vFilers volume	AllvFilerVolumeIdentity

Attach Storage Service to Dataset using NetApp OnCommand

Summary

Attach the storage service having protection/provision policies to the dataset using OnCommand.

Description

This task will attach the storage service to the selected dataset using OnCommand. So that any member can be added to the dataset according to the set of policies (provision, protection) of the storage service applied to the dataset.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Service	Select Storage Service	OnCommandsStorageService Identity	Y
Dataset Name	Enter the Name of the Dataset to be created.	OnCommandAllDatasetIdentity	Y

Outputs

Output	Description	Type
DATASET_NAME	Name of the OnCommand Dataset.	datasetName
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDataset Identity
OUTPUT_DFM_ASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Assigned Dataset	OnCommandAssignedDataset Identity
OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Un Assigned Dataset	OnCommandUnAssigned DatasetIdentity
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity

Create Dataset on vFiler using NetApp OnCommand

Summary

Create a dataset with the secondary resource pool as vfiler using OnCommand.

Description

This task will create a dataset with the secondary resource pool as vfiler using OnCommand. So that, if any members of this datasets were added based on the provisioning policy that will be added to the vfiler.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	dfmvfilerIdentity	Y
Dataset Name	Enter the Name of the Dataset to be created.	datasetName	Y
Provisioning Policy	Select Provisioning Policy.	OnCommandProvisPolicy Identity	Y

Outputs

Output	Description	Type
DATASET_NAME	Name of the OnCommand Dataset.	datasetName
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDataset Identity
OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Un Assigned Dataset	OnCommandUnAssigned DatasetIdentity
OUTPUT_ONCOMMAND_VFILER_IDENTITY	Identity of the OnCommand v Filer	dfmvfilerIdentity
OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY	Identity of the Volume Dataset	OnCommandVolumeDataset Identity
OUTPUT_ONCOMMAND_LUN_DATASET_IDENTITY	Identity of the LUN Dataset	OnCommandLUNDataset Identity

Create Dataset using NetApp OnCommand

Summary

Create a Dataset using OnCommand.

Description

A Dataset is a set of Storage units (Volumes, QTree, LUN). This task is for creating a dataset by adding existing storage units to the dataset.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	OnCommandAccountIdentity	Y
Dataset Name	Enter the Name of the Dataset to be created.	datasetName	Y

Outputs

Output	Description	Type
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDatasetIdentity
DATASET_NAME	Name of the OnCommand Dataset.	datasetName
OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY	Identity of the OnCommand UnAssigned Dataset	OnCommandUnAssignedDatasetIdentity
OUTPUT_DFM_ASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Assigned Dataset	OnCommandAssignedDatasetIdentity
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity
OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY	Identity of the Volume Dataset	OnCommandVolumeDatasetIdentity

Create Group using NetApp OnCommand

Summary

Create a Group within OnCommand

Description

A group manages multiple datasets. A dataset is a set of storage units (volumes, Qtree, LUN). This is a logical grouping to group multiple datasets.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	OnCommandAccountIdentity	Y
Parent Group Name	Select the Parent Group in which new Group need to be created.	netAppOnCommandGroups	
Group Name	Enter the Name of the Group to be created.	netAppOnCommandGroup Name	

Outputs

Output	Description	Type
OUTPUT_DFM_GROUP	OnCommand Group Name	netAppOnCommandGroups
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity

Create vFiler Setup using NetApp OnCommand

Summary

This task will help to run setup in the context of this vfiler on the storage system using OnCommand.

Description

When a vfiler is created using, a set of default options is created. After a new vfiler is created it will be in a running state, but no protocol servers will be running. This task will help to run setup in the context of this vfiler. This task will work for only OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	vFiler Name	dfmvfilerIdentity	Y
Root Password	Enter root password	password	
Subnet Mask	Enter Subnet Mask	gen_text_input	Y
Interface Name	Select interface name	gen_text_input	
Protocols	Select the Protocols.		Y

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler on which the selected operation was performed	gen_text_input
OUTPUT_VFILER_IDENTITY	Identity of the vFiler	vFilerIdentity

Create vFiler using NetApp OnCommand

Summary

Create a vFiler using the OnCommand

Description

A vFiler is a logical unit of storage. We can manage multiple Filers using OnCommand. Multiple vFilers can be created on a physical filer subject to filer capacity. vFiler can be assigned to a Group within UCSD. In this task we create a vFiler using OnCommand

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Name	Filer Name	dfmFilerIdentity	Y
IP Space Name	Enter the Name of the IP Space to be used for vFiler.	ipSpaceIdentity	Y
vFiler Name	Enter the Name of the vFiler to be created.	vfilerName	Y
IP Address	Provide IP address range or comma separated IP addresses or both	gen_text_input	Y
Setup	vfiler setup		
Root Password	Enter root password	password	
Subnet Mask	Enter Subnet Mask	gen_text_input	Y
Interface Name	Select interface name	gen_text_input	
Protocols	Select the Protocols.		Y
Dry Run	Dry Run		

Outputs

Output	Description	Type
VFILER_NAME	Name of the vFiler	gen_text_input
VFILER_IP_ADDRESS	IP Address of the vFiler on which the selected operation was performed	gen_text_input
OUTPUT_ONCOMMAND_VFILER_IDENTITY	Identity of the OnCommand vFiler	dfmvfilerIdentity
OUTPUT_ONCOMMAND_FILER_IDENTITY	Identity of the OnCommand Filer	dfmFilerIdentity
OUTPUT_VLAN_ID	VLAN ID	vlanID
IPSPACE_NAME	Name of the IP Space on which the selected operation was performed	ipSpaceName
VLAN_INTERFACE_NAME	Name of the vLan Interface on which the selected operation was performed	vLANinterfaceName

Output	Description	Type
OUTPUT_VFILER_INTERFACE_IDENTITY	Identity of the interface which is assigned to vfiler.	vfilerInterfaceIdentity
VFILER_IDENTITY	Identity of the vFiler	gen_text_input

Delete DFM Group using NetApp OnCommand

Summary

Delete a Group within OnCommand

Description

A group manages multiple datasets. A dataset is a set of storage units (volumes, Qtree, LUN). This is a logical grouping to group multiple datasets. This task is to delete a Group within OnCommand.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	OnCommandAccountIdentity	Y
Group Name	Select the Group that needs to be deleted.	netAppOnCommandGroupName	Y

Outputs

No Outputs

Delete Dataset using NetApp OnCommand

Summary

Delete a Dataset using OnCommand

Description

A Dataset is a set of Storage units (Volumes, QTree, LUN). This task is for deleting a dataset.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select the Dataset to be deleted.	OnCommandAllDatasetIdentity	Y
Force	Forcibly Delete.	gen_text_input	Y

Outputs

No Outputs

Destroy LUN using NetApp OnCommand

Summary

Remove a LUN member under the dataset using OnCommand.

Description

This task will remove a LUN member under the selected dataset, So that LUN cannot be seen as a member to the dataset.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Member Name	Select the dataset member name.	OnCommandDatasetMember LUNIdentity	Y

Outputs

No Outputs

Destroy Resource Pool using NetApp OnCommand

Summary

Delete the resource pool using OnCommand.

Description

This task will delete the resources pool using OnCommand. So that if any datasets that were associated with this resource pool can be in accessible.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Pool Name	Enter the Name of the Resouce pool to be created.	OnCommandResourcePool Identity	Y
Force	Forcibly destroy	gen_text_input	

Outputs

No Outputs

Destroy vFiler using NetApp OnCommand

Summary

Destroy the vfiler permanently on the storage system using OnCommand.

Description

This task will destroy the selected vfiler permanently from the storage system. This task will work for only OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	dfmvfilerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_ONCOMMAND_VFILER_IDENTITY	Identity of the OnCommand vFiler	dfmvfilerIdentity

Detach Storage Service from Dataset using NetApp OnCommand

Summary

Detach the storage service having protection/provision policies from the dataset using OnCommand.

Description

This task will detach the storage service from the selected dataset using OnCommand. So that no more members can be added to the dataset after detaching the storage servicet.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Enter the Name of the Dataset to be created.	OnCommandAssignedDataset Identity	Y

Outputs

Output	Description	Type
DATASET_NAME	Name of the OnCommand Dataset.	datasetName
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDataset Identity
OUTPUT_DFM_ASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Assigned Dataset	OnCommandAssignedDataset Identity
OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY	Identity of the OnCommand Un Assigned Dataset	OnCommandUnAssigned DatasetIdentity
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity

Modify LUN Export settings using NetApp OnCommand

Summary

Modify the export setting of a LUN member under the dataset using OnCommand.

Description

Modify the export setting of a LUN member under the dataset using OnCommand.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select Dataset Name	OnCommandLUNDataset Identity	Y
LUN Path	Select LUN Name	gen_text_input	
Export Protocol Type	Select a protocol type for exporting a LUN.	gen_text_input	Y
OS Type	Select the operating system type of the initiators in this group.	ostype	Y
Initiator Name	Enter the name of the Initiator that needs to be created.	gen_text_input	Y

Outputs

No Outputs

Provision Dataset with Storage Service Using NetApp OnCommand

Summary

Creates a dataset with specified storage service and adds it to the specified OnCommand group as a member.

Description

This task creates a dataset with the specified storage service using OnCommand and adds it to the specified OnCommand group as a member.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select an Account	OnCommandAccountIdentity	Y
Group Name	Select the Name of the Group.	netAppOnCommandGroups	Y
Storage Service Name	Select the Storage Service Name	netAppOnCommandStorage Services	Y
Dataset Name	Enter the Name of the Dataset to be provisioned.	gen_text_input	Y

Outputs

Output	Description	Type
DATASET_NAME	Name of the Dataset	gen_text_input
OUTPUT_ONCOMMAND_DATASET_IDENTITY	Identity of the OnCommand Dataset	OnCommandAllDataset Identity
OUTPUT_DFM_ACCOUNT_IDENTITY	Identity of the OnCommand Account	OnCommandAccountIdentity
OUTPUT_ONCOMMAND_LUN_DATASET_IDENTITY	Identity of the LUN Dataset	OnCommandLUNDataset Identity
OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY	Identity of the Volume Dataset	OnCommandVolumeDataset Identity
DATASET_NAME	Name of the OnCommand Dataset.	datasetName

Remove Dataset Member using NetApp OnCommand

Summary

Removes selected member from dataset using OnCommand.

Description

This task removes member from a dataset. Only members explicitly added to the dataset (direct members) can be removed.

Inputs

Input	Description	Mappable To Type	Mandatory
Dataset Name	Select the Dataset to be deleted.	OnCommandAllDataset Identity	Y
Dataset Member Name	Select the Dataset Member that needs to be deleted.	gen_text_input	Y

Outputs

No Outputs

Remove Group Member using NetApp OnCommand

Summary

Deletes a member from the group using OnCommand.

Description

Deletes a member from the selected group.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Account Name	OnCommandAccountIdentity	Y
Group Name	Select the Group Name from which Group Member need to be deleted.	netAppOnCommandGroup Name	Y
Member Name	Enter the Name of the Group Member that needs to be deleted.	netAppOnCommandGroup Member	Y

Outputs

No Outputs



NetApp Tasks

This chapter contains the following sections:

- [Associate NetApp LUN as Datastore, on page 2580](#)

Associate NetApp LUN as Datastore

Summary

Associate a LUN as Datastore

Description

A LUN needs to be associated to a data store in order to access the data of all the host nodes connected to that data store. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Select the Filer.	gen_text_input	Y
Select SVM Name	Select SVM name which is having iscsi enabled lif ipaddresses.	netappClusterVServer Identity	Y
Select vFiler Name	Select vfiler name on which datastore to create.	gen_text_input	
VMFS Mount Options	VMFS Mount Options	gen_text_input	Y
Rename Datastore Name	Rename Datastore Name	gen_text_input	Y
Datastore Name	Select a Datastore Name.	gen_text_input	
Hostnode	Select a Hostnode.	vmwareHostMultiSelect	Y
Group Type	Select a Type for the initiator group.	gen_text_input	Y
LUN Path	Select the LUN Path that needs to be mapped to a Datastore.	gen_text_input	Y
vDC Name	Select vDC to assign storage policy.	vDC	
Success Criteria	Select an option from list to pass the task	netappClusterVolNfs DatastoreSuccessCriteria	Y

Outputs

Output	Description	Type
GENERIC_LUN_PATH	Path of the LUN on which the selected operation was performed	gen_text_input
GENERIC_LUN_IDENTITY	Identity of the LUN	gen_text_input
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity



NetApp VSC Tasks

This chapter contains the following sections:

- [Clone VMs using VSC, on page 2584](#)
- [Create Datastore using VSC, on page 2585](#)
- [Destroy Datastore using NetApp VSC, on page 2587](#)
- [Resize Datastore using NetApp VSC, on page 2588](#)
- [Resize VM Datastore using NetApp VSC, on page 2589](#)

Clone VMs using VSC

Summary

Specified number of VMS will be cloned on selecting the existing VM in the vCenter server using VSC.

Description

This task will clone the number of specified VMs using the VSC on the Host where the selected VM present in the vCenter Server. Task will list only the powered off VMs where the clone operation will be performd on only powered off VMs. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Optionally select a VM for cloning	vm	Y
Datacenter Name	Datacenter Name	NetAppVMwareDatacenter Identity	Y
New VM Name	New VM Name	gen_text_input	
Clone Count	No. of VMs to be cloned	gen_text_input	Y
VSC URL	VSC Location	gen_text_input	

Outputs

No Outputs

Create Datastore using VSC

Summary

Create a datastore either of type VMFS or NFS in the vCenter server using VSC.

Description

This task will create a datastore either of type VMFS or NFS on Datacenter/Host based on the selection in a vCenter Server using VSC. If we choose NFS option, the VSC will automatically create a Volume under the selected Aggregate and mounted the volume as NFS datastore in the UNIX system with the specified name in the vCenter Server. If we choose VMFS option, the VSC will automatically create a LUN under the selected Volume and mapped the LUN as VMFS datastore in the WINDOWS system with the specified name. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Name	Filer Name	ONTAPCModefilerIdentity	Y
Cloud Name	Select a Cloud Name.	NetAppVMwareAccount Identity	Y
Select Resource Type	Select Resource Type	netappResourceType	Y
Datacenter Name	Datacenter Name	NetAppVMwareDatacenter Identity	Y
Host Name	Select Host Name	NetAppVMwareHostName Identity	Y
Datastore Type	Select Datastore Type	netappDatastoreType	Y
Aggregate Name	Select aggregate name	aggregateIdentity	Y
Cluster Aggregate Name	Select cluster aggregate name	aggregateClusterIdentity	Y
Select SVM Name	Select SVM name which is having the selected aggregate name	netappClusterVServerIdentity	Y
Select vFiler Name	Select vfiler name on which datastore to create.	vFilerIdentity	
Volume Name	Select volume name	volumeIdentity	Y
Cluster Volume Name	Select cluster volume name	netappClusterVolumeIdentity	Y
Datastore Name	Enter new datastore name	gen_text_input	Y
Storage Size (GB)	Enter the size of Storage.	gen_text_input	Y
Thin Provision	Is Datastore thin provision	gen_text_input	
Auto Grow	Is datastore auto grow	gen_text_input	
Auto Grow Increment	Is datastore auto grow increment	gen_text_input	
Auto Grow Maximum Size	Auto Grow Maximum Size	gen_text_input	Y
VSC URL	VSC Location	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
VMWARE_ACCOUNT_NAME	Name of the VMware Account.	vmwareAccountName
OUTPUT_VOLUME_IDENTITY	Identity of the Volume	volumeIdentity
LUN_IDENTITY	Identity of the LUN	lunIdentity
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect

Destroy Datastore using NetApp VSC

Summary

Destroy datastore from the vCenter server using VSC.

Description

This task will destroy the selected datastore irrespective of type by the VSC plugged to the vCenter Server. Once the datastore has been deleted, it is no more exist in the vCenter server. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a Cloud Name.	NetAppVMwareAccountIdentity	Y
Datastore Name	Select a Datastore Name.	NetAppVMWareDataStoreIdentity	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName

Resize Datastore using NetApp VSC

Summary

Datastore can be resized using the VSC.

Description

This task resizes the datastore in the vCenter server which is mapped the storage target either NFS Volume or VMFS LUN to the Storage system by the VSC pluggined to the vCenter Server. we can either increase or decrease the datastore of type NFS exported as volume, but the we cannot decrease the datatstore of type VMFS mapped to storage target as LUN. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a Cloud Name.	NetAppVMwareAccountIdentity	Y
Datastore Name	Select a Datastore Name.	NetAppVMWareDataStore Identity	Y
Storage Size (GB)	Enter the size of Storage.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName

Resize VM Datastore using NetApp VSC

Summary

Selected VM's Datastore can be resized using the VSC.

Description

This task resizes the datastore which is associated for the selected VM in the vCenter server and is mapped the storage target either NFS Volume or VMFS LUN to the Storage system by the VSC pluggined to the vCenter Server. we can either increase or decrease the datastore of type NFS exported as volume, but the we cannot decrease the datatstore of type VMFS mapped to storage target as LUN. This task will work only for ONTAP accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Optionally select a VM for resizing the storage on	vm	Y
Datastore Name	Select a Datastore Name.	NetAppVMWareDataStore Identity	
Storage Size (GB)	Enter the size of Storage.	dataStoreSize	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName



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Accept NetApp Cluster SVM Peer

Summary

Accept the SVM peer relationship is in pending state

Description

This task will accept the SVM peer relationship which is in pending state.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SVM Peer relationship id	Choose an SVM relationship ID with which to accept a peer relationship	netappSourceClusterVServerPeerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_SOURCE_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the source cluster SVM peer relationship	netappSourceClusterVServerPeerIdentity
OUTPUT_DESTINATION_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the destination cluster SVM peer relationship	netappDestinationClusterVServerPeerIdentity

Actions on NetApp SnapMirror Relationship

Summary

Performs actions on snapmirror relationship between two SVM volumes

Description

This task will perform the actions Initialize/Break/Quiesce/Promote/Release/Resume on the SnapMirror relationship of type Data Protection between a source and destination volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SnapMirror Relationship	Choose a Snapmirror relationship to initialize	NetAppClusterSnapmirror RelationIdentity	Y
Select Action Type	Choose the action type to perform	gen_text_input	
Transfer Priority	Choose the transfer priority	gen_text_input	
Maximum Transfer Rate (kbps)	Enter the maximum transfer rate. Default is 0, which specifies an unlimited transfer rate.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_RELATIONSHIP_IDENTITY	Identity of the snapmirror relationship	NetAppClusterSnapmirror RelationIdentity

Add Disk to NetApp Cluster Aggregate

Summary

Assign disk(s) to the aggregate.

Description

The available spare disk(s) can be assigned to an aggregate.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Choose the aggregate on which disks are to be added	aggregateClusterIdentity	Y
Disk Name	Choose one or more disks to be added to the aggregate	netappClusterDiskIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_AGGREGATE_NAME	Name of the Cluster Aggregate.	netappClusterAggregate Name
OUTPUT_CLUSTER_AGGREGATE_IDENTITY	Identity of the Cluster Aggregate	aggregateClusterIdentity

Add License to NetApp Cluster

Summary

Apply license to the Cluster.

Description

Add license for a data ONTAP services.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose the cluster to which the license is to be added	ClusterFilerIdentity	Y
License Code	Enter the license code	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_FILER_IDENTITY	Identity of the NetApp Cluster Filer	ClusterFilerIdentity

Add NetApp Cluster SnapMirror Policy Rule

Summary

Add a new rule to cluster snapmirror policy

Description

This task will add a new rule to the snapmirror policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Choose a policy name	NetAppClusterSnapmirror PolicyIdentity	Y
Snapshot Copy Retention Count	Enter the snapshot copy retention count	gen_text_input	Y
Snapmirror Label	Enter the snapshot copy label	gen_text_input	Y
Preserve	Check to enable snapshot copy preserve		
Warning Threshold Count	Enter the warning threshold count	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_POLICY_RULE_IDENTITY	Identity of the snapmirror policy rule	NetAppClusterSnapmirror PolicyRuleIdentity

Add Port to NetApp Cluster Interface Group

Summary

Adds an existing port to interface group on the node under cluster context.

Description

This task will adds a network port to a port interface group. The port interface group must already exist.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Group Name	Choose the interface group to which to add a port	netappClusterInfGroup Identity	Y
Port Name	Choose a port to be added to the interface	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_PORT_GROUP_IDENTITY	Identity of the cluster interface group.	netappClusterInfGroup Identity
OUTPUT_CLUSTER_NODE_NAME	Name of the cluster node.	netappClusterNodeName
OUTPUT_CLUSTER_IFGRP_NAME	Name of the cluster IfGroup name.	netappClusterPortAssocIfGroupName
OUTPUT_INTERFACE_PORT_NAME	Name of the IfGroup Port name.	gen_text_input

Associate NetApp Cluster Volume as NFS Datastore

Summary

Associates Cluster Volume as NFS Datastore

Description

This task will associate the selected volume as nfs datastore

Inputs

Input	Description	Mappable To Type	Mandatory
LIF Identity	Choose an LIF identity	netappClusterLIFIdentity	Y
Target Resource Type	Choose a target VMware resource type	netappClusterVolNfsDatastoreResourceType	Y
Hostnode	Choose a hostnode	vmwareHostMultiSelect	Y
VMware Cluster Identity	Choose a VMware cluster	vmwareClusterIdentity	Y
NFS Path	Enter the NFS path	gen_text_input	Y
Datastore Name	Enter the datastore name	gen_text_input	
Access Mode	Choose an access mode	netappClusterVolNfsDatastoreAccessMode	Y
Success Criteria	Choose a success criteria	netappClusterVolNfsDatastoreSuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Clone NetApp Cluster Flexible Volume

Summary

Creates Cluster clone volume

Description

This task will create clone volume from the selected parent volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Enter a name for the clone volume	gen_text_input	Y
Parent Volume	Choose the volume to be cloned	netappClusterVolumeIdentity	Y
Parent Snapshot	Choose a snapshot of the volume to be used for the clone	netappClusterVolumeSnapshot Identity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity

Configure NetApp Cluster QOS Policy Group

Summary

Assign or unassign a QOS policy group to a cluster LUN or volume.

Description

This task assigns a QOS policy group to a NetApp cluster LUN or to a volume. If no QOS policy group is specified then the LUN or volume is unassociated from its QOS policy groups.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Resource Type	Choose the type of storage resource on which you want to configure the QOS policy group	NETAPP_CLUSTER_QOS_STORAGE_RESOURCE_TYPE	
Volume	Choose the volume on which to configure the QOS policy group	netappClusterVolumeIdentity	Y
LUN	Choose the LUN on which to configure the QOS policy group	netappClusterLUNIdentity	Y
QOS Policy Group	Choose the QOS policy group with which to configure the LUN or volume. If this field is left empty QOS policy group is unassigned from the LUN or volume.	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_IDENTITY	Identity of the cluster QOS policy group.	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity
OUTPUT_NETAPP_CLUSTER_QOS_STORAGE_RESOURCE_TYPE	Type of storage resource for the QOS policy group	NETAPP_CLUSTER_QOS_STORAGE_RESOURCE_TYPE

Create NetApp Cluster Aggregate

Summary

Creation of the aggregate.

Description

This task will create an aggregate.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a NetApp account in which to create the aggregate	ClusterFilerIdentity	Y
Aggregate Name	Enter an aggregate name	netappAggregateName	Y
Disk Count	Enter the number of disks	gen_text_input	Y
Node Name	Choose a node on which to create the aggregate	netappClusterNodeIdentity	
Disk List	Choose one or more disks to be aggregated	netappClusterDiskIdentity	
Raid Type	Choose a RAID type	netappClusterRaidType	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_AGGREGATE_NAME	Name of the Cluster Aggregate.	netappClusterAggregateName
OUTPUT_NETAPP_CLUSTER_FILER_IDENTITY	Identity of the NetApp Cluster Filer	ClusterFilerIdentity
OUTPUT_CLUSTER_AGGREGATE_IDENTITY	Identity of the Cluster Aggregate	aggregateClusterIdentity

Create NetApp Cluster Broadcast Domain

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a NetApp C mode account on which to create a broadcast domain	netappClusterSelectedAccountIdentity	
Broadcast Domain Name	Enter a name for the broadcast domain	gen_text_input	Y
Maximum Transmission Unit (MTU)	Enter the maximum transmission unit for IP packets	gen_text_input	Y
Port	Choose one or more ports to be added to the broadcast domain	netappClusterAllPortsIdentity	
IPSpace Name	Choose the IP name space to which to add the broadcast domain	netappClusterIPSpaceIdentity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_BROADCAST_DOMAIN_NAME_IDENTITY	Broadcast Domain List Identity	netappClusterBroadcastDomainListIdentity
OUTPUT_CLUSTER_BROADCAST_DOMAIN_NAME	Name of the Broadcast Domain	netappClusterBroadcastDomainName
OUTPUT_CLUSTER_ALL_PORT_NAMES	Name of the Port.	netappClusterAllPortsIdentity

Create NetApp Cluster Cron Job Schedule

Summary

Creation of cron job schedule.

Description

This task will create a new cron job schedule entry.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an account name in which to create a cron job schedule	netappClusterNode Identity	Y
Job Schedule Name	Enter a cron job schedule name	gen_text_input	Y
Day of Month	Enter one or more day of the month. Separate days of the month with commas.	gen_text_input	
Day of Week	Enter one or more day of the week. Separate days of the week with commas.	gen_text_input	
Hour	Enter one or more hour. Separate hours with commas.	gen_text_input	
Minute	Enter one or more minute. Separate minutes with commas.	gen_text_input	Y
Month	Enter one or more month. Separate months with commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_CRON_JOB_SCHEDULE_IDENTITY	Identity of the cron job schedule.	NetAppClusterCronJob Identity

Create NetApp Cluster FCP Service

Summary

Creates FCP service for SVM

Description

This task will create FCP service for a selected SVM. If the SVM is associated with a single LIF then the WWNN of the FCP service will be same as the WWNN of the LIF. If the SVM is associated with multiple LIFS then an unique WWNN is autogenerated for the FCP service. If an unique WWNN is provided in the "FCP Target Node Name" field then the default WWNN of the FCP service is replaced by the user provided input.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM name for which to create the FCP service	netappClusterVServer Identity	Y
FCP Target Node Name	Enter the FCP target node name for the SVM in WWNN format	gen_text_input	
Start	Leave checked to automatically start the service after creation completes	netappClusterFCPServiceIs Available	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_FCP_SERVICE_IDENTITY	Identity of the NetApp Cluster FCP Service	netappClusterFCPService Identity
OUTPUT_CLUSTER_FCP_NODE_NAME	Node Name of NetApp Cluster FCP Service	gen_text_input

Create NetApp Cluster IPspace

Summary

Create a new IP Space.

Description

Creates a new IP Space with the given name in specified filer. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Choose a NetApp filer on which to create an IP space	ClusterFilerIdentity	Y
IPSpace Name	Enter a name for the IP space	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_IPSPACE_NAME	Name of the NetApp cluster IPspace.	netappClusterIPspaceName
OUTPUT_NETAPP_CLUSTER_IPSPACE_IDENTITY	NetApp cluster IPspace Identity.	netappClusterIPspaceIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Create NetApp Cluster Interface Group

Summary

Creates a new Interface group on the node under cluster context.

Description

This task will create a new port interface group for the selected node under the cluster context.

Inputs

Input	Description	Mappable To Type	Mandatory
Node Name	Choose the node on which the interface group is to be created	netappClusterNode Identity	Y
Interface Group Name	Enter the name of the interface group	gen_text_input	Y
Distribution Function	Choose a load balancing method for the interface group	gen_text_input	
Create Policy	Choose the create policy for the interface group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_PORT_GROUP_IDENTITY	Identity of the cluster interface group.	netappClusterInfGroupIdentity
OUTPUT_CLUSTER_NODE_NAME	Name of the cluster node.	netappClusterNodeName
OUTPUT_CLUSTER_NODE_IDENTITY	Identity of the cluster node.	netappClusterNodeIdentity
OUTPUT_CLUSTER_IFGRP_NAME	Name of the cluster IfGroup name.	netappClusterPortAssocIfGroupName

Create NetApp Cluster Logical Interface

Summary

Creates a new Logical Interface to a SVM.

Description

This task will create a Logical Interface(LIF) for the selected SVM. A logical interface is an IP address associated with a physical network port. In the event of component failures, a logical interface can fail over or be migrated to a different physical port, thereby continuing to provide network access despite the component failure.

Inputs

Input	Description	Mappable To Type	Mandatory
Role	Choose the role of the logical interface	gen_text_input	Y
SVM Name	Choose an SVM to associate with the interface	netappClusterVServer Identity	Y
Home Node	Choose the home node for the interface	netappClusterNode Identity	Y
Allowed Protocols	Choose the allowed protocols on the the interface	NETAPP_CLUSTER_PROTOCOL_LIST	
Home Port	Choose the home port for the interface	gen_text_input	Y
Logical Interface Name	Enter a name for the logical interface	gen_text_input	
IP Address	Enter an IP address for the logical interface	gen_text_input	Y
Subnetmask	Enter the subnet mask of the IP address	gen_text_input	Y
Failover Policy	Choose a failover group for the LIF	gen_text_input	
Use Failover Group	Choose whether to create the failover rules automatically or manually	gen_text_input	
Failover Group Name	Choose the failover rules if they are to be manually specified by the administrator	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity
OUTPUT_CLUSTER_NODE_NAME	Name of the cluster node.	netappClusterNodeName
LIF_IP_ADDRESS	IP Address of the LIF	gen_text_input
OUTPUT_CLUSTER_FCP_PORT_NAME	Name of the cluster fcp port(wwpn).	gen_text_input

Output	Description	Type
OUTPUT_CLUSTER_NODE_IDENTITY	Identity of the cluster node.	netappClusterNodeIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
OUTPUT_CLUSTER_LOGICAL_INF_NAME	Name of the Cluster Logical interface	netappClusterLIFName
OUTPUT_CLUSTER_SVM_IDENTITY	Identity of the SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORT	Name of the cluster port.	gen_text_input

Create NetApp Cluster NFS Service

Summary

Creates NFS service for SVM

Description

This task will create nfs service for a selected SVM

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM name for which to create the NFS service	netappClusterVServerIdentity	Y
Is NFS Access Enabled	Check to enable NFS access	gen_text_input	
Is Vstorage Enabled	Check to enable Vstorage	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_NFS_SERVICE_IDENTITY	Identity of the cluster NFS Service	netappClusterNfsServiceIdentity

Create NetApp Cluster Peer

Summary

Creates a new cluster peer relationship

Description

This task will create a new cluster peer relationship between two existing inter clusters.

Inputs

Input	Description	Mappable To Type	Mandatory
Select cluster	Choose a cluster with which to create a peer relationship	netappClusterAccountIdentity	Y
Select peer inter clusters	Choose the inter clusters	netappClusterLIFIdentity	Y
Time out (seconds)	Enter the timeout value. Default timeout value is 15 seconds.		

Outputs

Output	Description	Type
OUTPUT_CLUSTER_PEER_IDENTITY	Identity of the cluster peer	netappClusterPeerIdentity

Create NetApp Cluster QOS Policy Group

Summary

Create a QOS policy group on a NetApp cluster SVM.

Description

This task creates a QOS policy group on a NetApp cluster SVM which later can be assigned to LUNs and volumes inside the SVM. A QOS policy group without a maximum throughput value allows unlimited throughput.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Select SVM Name	netappClusterVServerIdentity	Y
QOS Policy Group Name	Enter the name of the QOS policy group	gen_text_input	
Maximum Throughput	Enter the maximum throughput value to be applied to the QOS policy group. Default value is unlimited.	gen_text_input	
Unit Of Throughput	Select the unit of transfer for maximum throughput	NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_IDENTITY	Identity of the cluster QOS policy group.	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT	Unit of the maximum throughput for the QOS policy group	NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity

Create NetApp Cluster SVM

Summary

Creates a new Cluster SVM.

Description

This task will create a new SVM on one of the node in a cluster account.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Choose an aggregate for which to create the root volume	aggregateClusterIdentity	Y
SVM Name	Enter a name for the SVM	gen_text_input	
Root Volume Name	Enter a name for the root volume	volume	
Name Service Switch	Choose a name service switch	netappClusterVserverName ServiceSwitch	
Security Style	Choose a security style for the root volume	netappClusterVolume SecurityStyle	
Snapshot Policy	Choose a snapshot policy for the root volume	netappClusterSnapshot PolicyIdentity	
Protocols	Choose the protocols to be enabled on the SVM	vserverProtocol	
NFS Service Start	Check to start the NFS service on the SVM		
IPspace Name	Choose an IP spacename for the SVM	netappClusterIPSpace Identity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_AGGREGATE_NAME	Name of the Cluster Aggregate.	netappClusterAggregate Name
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicy Identity
OUTPUT_NETAPP_CLUSTER_FILER_IDENTITY	Identity of the NetApp Cluster Filer	ClusterFilerIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_AGGREGATE_IDENTITY	Identity of the Cluster Aggregate	aggregateClusterIdentity

Output	Description	Type
OUTPUT_CLUSTER_DEFAULT_EXPORT_RULE_IDENTITY	Identity of Cluster Default Export Rule Index 1.	netappClusterExportRule Identity

Create NetApp Cluster SVM Peer

Summary

Creates a new SVM peer relationship

Description

This task will create a new SVM peer relationship between two existing SVMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Local SVM Name	Choose a local SVM name with which to create a peer relationship (For example: Pod name@Account name@Cluster name@vServer name)	gen_text_input	Y
Select Peer SVM Name	Choose a peer SVM name with which to create a peer relationship (For example: Pod name@Account name@Cluster name@vServer name)	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PEER_VSERVER_IDENTITY	Identity of the cluster peer SVM	gen_text_input
OUTPUT_SOURCE_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the source cluster SVM peer relationship	netappSourceClusterVServerPeerIdentity
OUTPUT_DESTINATION_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the destination cluster SVM peer relationship	netappDestinationClusterVServerPeerIdentity

Create NetApp Cluster iSCSI Service

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM name for which to create the iSCSI service	netappClusterVServer Identity	Y
Alias Name	Enter the iSCSI target alias for the iSCSI service	gen_text_input	
iSCSI Target Node Name	Enter the iSCSI target node name for the SVM. The name must start with the prefix "iqn".	gen_text_input	
Start	Leave checked to automatically start the service after creation completes	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_ISCSI_SERVICE_IDENTITY	Identity of the cluster iSCSI Service	netappClusteriSCSIService Identity
OUTPUT_CLUSTER_ISCSI_IQN_NODE_NAME	Node Name of NetApp Cluster iSCSI Service	gen_text_input

Create NetApp Cluster vLAN Interface

Summary

Attaches a VLAN to a network port on a specified node under cluster context.

Description

This task will attaches a VLAN to a network port on a specified node.

Inputs

Input	Description	Mappable To Type	Mandatory
Port Name	Choose a port name (For example: Pod name@Account name@Cluster name@Node name@Port name)	gen_text_input	Y
VLAN ID	Enter the VLAN ID	vlanID	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_PORT_GROUP_IDENTITY	Identity of the cluster interface group.	netappClusterInfGroupIdentity
OUTPUT_CLUSTER_PORT_NAME	Name of the cluster port.	netappClusterPortName
OUTPUT_CLUSTER_VLAN_IDENTITY	Identity of the cluster vlan.	netappClustervLANIdentity
OUTPUT_CLUSTER_ALL_PORT_NAMES	Name of the Port.	netappClusterAllPortsIdentity

Create NetApp FailOver Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
FailOver Group Name	Enter a name for the failover group	gen_text_input	Y
Port	Choose a port for the failover group	netappClusterAllPortsIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_FAIL_OVER_GROUP_NAME	Name of the FailOver Group	netappClusterFailOverGroupName
OUTPUT_CLUSTER_FAIL_OVER_NODE_NAME	Name of the Node	netappClusterNodeIdentity
OUTPUT_CLUSTER_ALL_PORT_NAMES	Name of the Port.	netappClusterAllPortsIdentity
OUTPUT_CLUSTER_FAIL_OVER_GROUP_IDENTITY	FailOver Group Identity	netappClusterFailOverGroupListIdentity

Create NetApp SVM Routing Group Route

Summary

Create a new network routing group route.

Description

This task will create a new network routing group route.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM for which to create a routing group	netappClusterVServer Identity	Y
Gateway Address	Enter the IP address of the gateway	clusterGatewayAddress	Y
Destination Address	Enter the IP address and subnet mask of the destination	clusterDestinationAddress	Y
Metric	Enter the hop count for the routing group	clusterMetric	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_ROUTING_GROUP	Specifies the name of the routing group. For example: d192.168.1.0/24(d,c,n stands for data,cluster,node LIF and 192.168.1.0/24 is subnet).	clusterRoutingGroup
OUTPUT_CLUSTER_GATEWAY_ADDRESS	Specifies the IP address of gateway. For example: 192.18.0.0	clusterGatewayAddress
OUTPUT_CLUSTER_DESTINATION_ADDRESS	Specifies the IP address and subnet mask of destination. For example : 192.168.1.0/24.	clusterDestination Address
OUTPUT_CLUSTER_METRIC	Specifies the metric(hop count) of the LIF.	clusterMetric

Create NetApp SVM SIS Policy

Summary

Creates a new SIS policy.

Description

This task will create a new SIS policy for SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to create an SIS policy	netappClusterVServer Identity	Y
SIS policy name	Enter a name for the SIS policy	clusterSisPolicyNameText	Y
Enabled	Choose to enable or disable the SIS policy	clusterSisEnabled	
QOS Policy	Choose the QOS policy for SIS operations	clusterSisQosPolicy	
Duration	Enter the length of time in hours for which to run the scheduled SIS operations	clusterSisDuration	
Schedule	Choose a cron job schedule to be used for the SIS operations	clusterSisCronJobSchedule	
Comment	Enter a comment	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_SIS_POLICY_NAME	Name of the sis Policy.	clusterSisPolicyName
OUTPUT_CLUSTER_SIS_ENABLED	To Enable/Disable sis policy.	clusterSisEnabled
OUTPUT_CLUSTER_SIS_DURATION	The duration in hours for which the scheduled sis operation should run.	clusterSisDuration
OUTPUT_CLUSTER_SIS_QOS_POLICY	QOS Policy for the SIS operation.	clusterSisQosPolicy
OUTPUT_CLUSTER_CRON_JOB_SCHEDULE	Cron type job schedule name.	clusterSisCronJobSchedule

Create NetApp SnapMirror Policy

Summary

Creates a new snapmirror policy on SVM

Description

This task will create a new SnapMirror policy on a SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM for which to create a Snapmirror policy	netappClusterVServerIdentity	Y
Enter Policy Name	Enter a name for the Snapmirror policy	gen_text_input	Y
Restart	Choose the type of restart	netappSnapmirrorRestartType	
Transfer Priority	Choose the priority of the transfer	netappSnapmirrorTransferPriorityType	
Enter Comment	Enter a comment	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_POLICY_IDENTITY	Identity of the snapmirror policy	NetAppClusterSnapmirrorPolicyIdentity

Create NetApp SnapMirror Relationship

Summary

Creates a new snapmirror relationship between two SVM volumes

Description

This task will create a new SnapMirror relationship of type Data Protection between a source and destination volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Destination Volume	Choose a destination volume (For example: Pod name@Account name@Cluster name@SVM name@Volume name)	gen_text_input	Y
Relationship Type	Choose a type of the Snapmirror relationship	gen_text_input	
Source Volume	Choose a source volume (For example: Pod name@Account name@Cluster name@SVM name@Volume name)	gen_text_input	Y
Policy	Choose a Snapmirror policy	NetAppCluster SnapmirrorPolicy Identity	
Schedule	Choose a cron job with which to schedule the Snapmirror update	NetAppClusterCronJob Identity	
Maximum Transfer Rate (kbps)	Enter the maximum transfer rate. Default is 0, which specifies an unlimited transfer rate.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_DESTINATION_VOLUME_IDENTITY	Identity of the snapmirror destination volume location	gen_text_input
OUTPUT_CLUSTER_SNAPMIRROR_SOURCE_VOLUME_IDENTITY	Identity of the snapmirror source volume location	gen_text_input
OUTPUT_CLUSTER_SNAPMIRROR_RELATIONSHIP_IDENTITY	Identity of the snapmirror relationship	NetAppCluster SnapmirrorRelation Identity

Delete CIFS on SVM

Summary

Delete a CIFS server.

Description

This task will Delete a CIFS server.If the admin-username and admin-password are not specified,the CIFS server's machine account will not be deleted from the Windows Active Directory domain.The deletion of the CIFS server will also delete the CIFS shares associated with it.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM from which to delete CIFS server configuration	netappClusterVServer Identity	Y
Admin User	Enter the username of the account used to remove the CIFS server from the active directory	clusterCifsUserName	
Admin Password	Enter the password of the account used to remove the CIFS server from the active directory	clusterCifsPassWord	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_ADMIN_USERNAME	The username of the account used to add this CIFS server to Active Directory.	clusterCifsUserName
OUTPUT_CLUSTER_CIFS_ADMIN_PASSWORD	The password for the account used to add this CIFS server to Active Directory.	clusterCifsPassWord

Delete License from NetApp Cluster

Summary

Removes license to the Cluster.

Description

Removes license for the Data ONTAP services.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a cluster from which the license is to be deleted	ClusterFilerIdentity	Y
Package	Choose a package from which to delete the license	netappClusterLicense ListName	Y
Node Serial Number	Enter the serial number of the node associated with the license. If this parameter is not provided, the serial number defaults to the cluster serial number.	gen_text_input	

Outputs

No Outputs

Delete NetApp Cluster Aggregate

Summary

Destroying the cluster aggregate.

Description

This task will destroy the cluster aggregate.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Choose an aggregate to be deleted	aggregateClusterIdentity	Y

Outputs

No Outputs

Delete NetApp Cluster Broadcast Domain

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a NetApp C mode account from which to delete a broadcast domain	netappClusterSelected AccountIdentity	Y
Broadcast Domain Name	Enter the broadcast domain to be deleted	gen_text_input	Y
IPSpace Name	Enter the name of the IP name space from which to delete the broadcast domain	gen_text_input	Y

Outputs

No Outputs

Delete NetApp Cluster Cron Job Schedule

Summary

Deleted the cron job schedule.

Description

This task will delete a cron job schedule entry.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cron Job Schedule Name	Choose a cron job schedule name to delete	NetAppClusterCronJob Identity	Y

Outputs

No Outputs

Delete NetApp Cluster IPspace

Summary

Deletes an IP Space.

Description

Destroys selected IP Space. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
IPSpace Name	Choose an IP space to be deleted	netappClusterIPSpaceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_IPSPACE_NAME	Name of the NetApp cluster IPspace.	netappClusterIPSpaceName
OUTPUT_NETAPP_CLUSTER_IPSPACE_IDENTITY	NetApp cluster IPspace Identity.	netappClusterIPSpaceIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Delete NetApp Cluster Interface Group

Summary

Deletes a Interface group on the node under cluster context.

Description

This task will destroys a port interface group. Before deleting a port interface group, remove all ports from it.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Group Name	Choose an interface group to be deleted	netappClusterInfGroupIdentity	Y

Outputs

No Outputs

Delete NetApp Cluster Peer

Summary

Destroys peer relationship between two existing clusters

Description

This task will destroy the peering relationship between two clusters

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster Peer Name	Choose a peer cluster name that has a peer relationship	netappClusterPeerIdentity	Y

Outputs

No Outputs

Delete NetApp Cluster QOS Policy Group

Summary

Delete an existing QOS policy group.

Description

This task deletes an existing QOS policy group from the NetApp cluster SVM. Deleting a QOS policy group with the force option checked deletes the workloads associated with the policy group as well as the policy group itself.

Inputs

Input	Description	Mappable To Type	Mandatory
QOS Policy Group	Select the QOS policy group to delete	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY	Y
Force	Check this box to delete the associated workloads along with the selected QOS policy group	Boolean	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_IDENTITY	Identity of the cluster QOS policy group.	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity

Delete NetApp Cluster SVM Peer

Summary

Delete a SVM peer relationship

Description

This task will delete a SVM peer relationship between two existing SVMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SVM peer relationship id	Choose an SVM peer relationship ID to delete the relationship (For example: Pod name@Account name@Cluster name@SVM@Peer SVM)	gen_text_input	Y
Force	Check to force delete		

Outputs

No Outputs

Delete NetApp Cluster vLAN Interface

Summary

Deletes a VLAN from a network port. under cluster context.

Description

This task will deletes a VLAN from a network port.

Inputs

Input	Description	Mappable To Type	Mandatory
vLAN Interface	Choose a VLAN interface to be deleted	netappClustervLANIdentity	Y

Outputs

No Outputs

Delete NetApp FailOver Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
FailOver Group Name	Choose a failover group to be deleted	netappClusterFailOverGroupList Identity	Y

Outputs

No Outputs

Delete NetApp SVM Routing Group Route

Summary

Deletes a network routing group route.

Description

This task will delete a network routing group route.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to delete a routing group	netappClusterVServer Identity	Y
Destination Address	Enter the IP address and subnet mask of the destination from which to delete the routing group	clusterDestinationAddress	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_ROUTING_GROUP	Specifies the name of the routing group. For example: d192.168.1.0/24(d,c,n stands for data,cluster,node LIF and 192.168.1.0/24 is subnet).	clusterRoutingGroup
OUTPUT_CLUSTER_DESTINATION_ADDRESS	Specifies the IP address and subnet mask of destination. For example : 192.168.1.0/24.	clusterDestination Address

Delete NetApp SVM SIS Policy

Summary

Destroys a new SIS policy.

Description

This task will destroys a SIS policy for SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM from which to delete a SIS policy	netappClusterVServerIdentity	Y
SIS policy name	Choose an SIS policy to be deleted	clusterSisPolicyName	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SIS_POLICY_NAME	Name of the sis Policy.	clusterSisPolicyName

Delete NetApp SnapMirror Policy

Summary

Deletes a snapmirror policy on SVM

Description

This task will delete a SnapMirror policy on a SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Choose a Snapmirror policy to be deleted	NetAppClusterSnapmirrorPolicy Identity	

Outputs

No Outputs

Delete NetApp SnapMirror Relationship

Summary

Deletes a existing snapmirror relationship between two SVM volumes

Description

This task will delete a existing SnapMirror relationship of type Data Protection between a source and destination volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Snapmirror Relationship	Choose a Snapmirror relationship to delete	NetAppClusterSnapmirror RelationIdentity	Y

Outputs

No Outputs

Destroy NetApp Cluster FCP Service

Summary

Destroys FCP service for SVM

Description

This task will destroy FCP service for a selected SVM

Inputs

Input	Description	Mappable To Type	Mandatory
FCP Service	Choose a FCP service to be destroyed	netappClusterFCPService Identity	Y
Force	Check to forcibly destroy FCP service if it is in active state	Boolean	

Outputs

No Outputs

Destroy NetApp Cluster Logical Interface

Summary

Destroys a Logical Interface for the SVM.

Description

This task will destroys a Logical Interface(LIF) for the slected SVM. Once LIF can be destroyed, LIF can be no longer exist for the SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface	Choose a logical interface to be deleted	netappCluster LIFIdentity	Y
Bring logical interface down before deleting	Bring logical interface down before deleting		

Outputs

No Outputs

Destroy NetApp Cluster NFS Service

Summary

Destroys NFS service for SVM

Description

This task will destroy nfs service for a selected SVM

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Service	Choose an NFS service to be destroyed	netappClusterVServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_NFS_SERVICE_IDENTITY	Identity of the cluster NFS Service	netappClusterNfsServiceIdentity

Destroy NetApp Cluster SVM

Summary

Destroys the selected SVM.

Description

This task will destroy the selected SVM in a cluster mode.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to be deleted	netappClusterVServer Identity	Y
Force	Check to forcibly delete the SVM		

Outputs

No Outputs

Destroy NetApp Cluster iSCSI Service

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Service	Choose an iSCSI service to be destroyed	netappClusterVServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_ISCSI_SERVICE_IDENTITY	Identity of the cluster iSCSI Service	netappClusterISCSIServiceIdentity

Disable Dedupe on NetApp Cluster Flexible Volume

Summary

Disable deduplication on NetApp cluster volume

Description

This task disables deduplication on cluster volume. Dedupe can be disabled on both Flexible and FlexGroup volumes using this task.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose a volume on which to disable dedupe	netappClusterVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity

Disable NetApp SVM User

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM for which to disable access by a user	netappClusterVServer Identity	Y
UserName	Enter the name of the user for which to disable access to the SVM	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_ADMIN_USERNAME	The Username of the admin	adminusername

Enable Dedupe on NetApp Cluster Flexible Volume

Summary

Enable deduplication on NetApp cluster volume

Description

This task enables deduplication on cluster volume. Dedupe can be enabled on both Flexible and FlexGroup volumes using this task.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Choose a volume on which to enable dedupe	netappClusterVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity

Enable NetApp SVM User

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to enable access for a user	netappClusterVServer Identity	Y
UserName	Enter the name of a user for which to enable access to the SVM	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_ADMIN_USERNAME	The Username of the admin	adminusername

Execute NetApp Cluster CLI

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Identity Name	Choose a NetApp filer to execute a CLI command	ClusterFilerIdentity	Y
CLI Command	Enter a CLI command to be executed	gen_text_input	
Expected Output	Enter the expected output of the CLI execution	gen_text_input	
Undo CLI Command	Enter a CLI command to be executed if the task is rolled back	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLI_OUTPUT	Output of NetApp CLI Task.	gen_text_input

Get NetApp Cluster Storage

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Size	Enter a storage size	gen_text_input	Y
Volume Size Units	Choose a unit for storage size	storageSizeUnit	
Server Name	Enter a server ID	ucsServerIdentity	Y

Outputs

No Outputs

Migrate NetApp Cluster Logical Interface

Summary

Migrate an existing SVM logical interface to physical port or interface group under cluster context.

Description

This task will migrate a logical interface to a port or interface group on the node you specify.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to which to migrate an associated logical interface	netappClusterVServerIdentity	Y
Logical Interface	Choose a logical interface to be migrated	netappClusterLIFIdentity	Y
Node Name	Choose the node to which to migrate the interface	netappClusterNodeIdentity	Y
Port Name	Choose the port to which to migrate the interface	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_NODE_NAME	Name of the cluster node.	netappClusterNodeName

Modify CIFS on SVM

Summary

Modify the basic configurations of a CIFS server.

Description

This task will modify the basic configurations of a CIFS server.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to modify the CIFS server configuration	netappClusterVServer Identity	Y
Domain Name	Enter the fully qualified domain name of the active directory to which the CIFS server belongs	clusterCifsDomain	
Admin User	Enter the username of the account used to add the CIFS server to the active directory	clusterCifsUserName	
Admin Password	Enter the password of the account used to add the CIFS server to the active directory	clusterCifsPassWord	
Administrative Status	Choose the administrative status of the CIFS server	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_ADMIN_USERNAME	The username of the account used to add this CIFS server to Active Directory.	clusterCifsUserName
OUTPUT_CLUSTER_CIFS_ADMIN_PASSWORD	The password for the account used to add this CIFS server to Active Directory.	clusterCifsPassWord
OUTPUT_CLUSTER_CIFS_DOMAIN	The fully qualified domain name of the Windows Active Directory.	clusterCifsDomain

Modify NetApp Cluster Cron Job Schedule

Summary

Modification of cron job schedule.

Description

This task will modify the attributes of the cron job schedule entry.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cron Job Schedule Name	Choose a cron job schedule name to modify	NetAppClusterCronJob Identity	Y
Day of Month	Enter one or more day of the month. Separate days of the month with commas.	gen_text_input	
Day of Week	Enter one or more day of the week. Separate days of the week with commas.	gen_text_input	
Hour	Enter one or more hour. Separate hours with commas.	gen_text_input	
Minute	Enter one or more minute. Separate minutes with commas.	gen_text_input	Y
Month	Enter one or more month. Separate months with commas.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_CRON_JOB_SCHEDULE_IDENTITY	Identity of the cron job schedule.	NetAppClusterCronJob Identity

Modify NetApp Cluster Logical Interface

Summary

Modify the existing logical interface associated with a SVM.

Description

This task modifies parameters of the logical interface (LIF) associated with a storage virtual machine (SVM). IP address, subnet mask, home node, home port, and failover policies can be modified. Active LIFs that have iSCSI protocol enabled do not allow changes to home node, home port, or failover policy. Active LIFs with FCP protocol do not allow changes to any parameter.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface	Choose the logical interface to be modified	netappClusterLIFIdentity	Y
Home Node	Choose the home node for the interface	netappClusterNodeIdentity	Y
Home Port	Choose the home port for the interface	gen_text_input	Y
IP Address	Enter an IP address for the logical interface	gen_text_input	
Subnet Mask	Enter the subnet mask of the IP address	gen_text_input	
Failover Policy	Choose a failover group for the LIF	NETAPP_LIF_FAILOVER_POLICY	
Use Failover Group	Choose whether to create the failover rules automatically or manually	NETAPP_LIF_USE_FAILOVER_GROUP	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity
OUTPUT_CLUSTER_NODE_NAME	Name of the cluster node.	netappClusterNodeName
LIF_IP_ADDRESS	IP Address of the LIF	gen_text_input
OUTPUT_CLUSTER_NODE_IDENTITY	Identity of the cluster node.	netappClusterNodeIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
OUTPUT_CLUSTER_LOGICAL_INF_NAME	Name of the Cluster Logical interface	netappClusterLIFName

Output	Description	Type
OUTPUT_CLUSTER_SVM_IDENTITY	Identity of the SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_PORT	Name of the cluster port.	gen_text_input

Modify NetApp Cluster NFS Service

Summary

Modifies NFS service attributes

Description

This task will modify nfs service attributes like isNfsAccessEnabled,tec

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Service	Choose an NFS service to be modified	netappClusterVServerIdentity	Y
Is NFS Access Enabled	Check to enable NFS access	gen_text_input	
Is Vstorage Enabled	Check to enable Vstorage	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_NFS_SERVICE_IDENTITY	Identity of the cluster NFS Service	netappClusterNfsServiceIdentity

Modify NetApp Cluster Peer

Summary

Modifies a peer relationship between two existing clusters

Description

This task will modify the peering relationship between two clusters

Inputs

Input	Description	Mappable To Type	Mandatory
Select cluster peer	Choose a cluster peer with which to modify the relationship	netappClusterPeer Identity	Y
Select peer inter clusters	Choose the inter clusters	netappClusterLIFIdentity	Y
Time out (seconds)	Enter the timeout value. Default timeout value is 15 secs.		

Outputs

Output	Description	Type
OUTPUT_CLUSTER_PEER_IDENTITY	Identity of the cluster peer	netappClusterPeerIdentity

Modify NetApp Cluster QOS Policy Group

Summary

Modify an existing QOS policy group.

Description

This task modifies an existing QOS policy group created on the NetApp cluster SVM. A QOS policy group without a maximum throughput value allows unlimited throughput.

Inputs

Input	Description	Mappable To Type	Mandatory
QOS Policy Group	Select the QOS policy group to modify	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY	Y
Maximum Throughput	Enter the maximum throughput value to be applied to the QOS policy group. Default value is unlimited.	gen_text_input	
Unit Of Throughput	Select the unit of transfer for maximum throughput	NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_IDENTITY	Identity of the cluster QOS policy group.	NETAPP_CLUSTER_QOS_POLICY_GROUPS_IDENTITY
OUTPUT_NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT	Unit of the maximum throughput for the QOS policy group	NETAPP_CLUSTER_QOS_POLICY_GROUP_MAXIMUM_THROUGHPUT_UNIT
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity

Modify NetApp Cluster SVM

Summary

Modifies Cluster SVM parameters

Description

This task will modify cluster SVM parameters, Name Service Switch, Name Mapping Switch, Max volume limit, Aggregate list, Snapshot policy and Protocols.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose the SVM to be modified	netappClusterVServerIdentity	Y
Name Service Switch	Choose a name service switch	netappClusterVserverNameServiceSwitch	
Name Mapping Switch	Choose a name mapping switch	netappClusterVserverNameMappingSwitch	
Max. Volume Limit	Enter the maximum number of volumes that can be created on the SVM	gen_text_input	
Aggregate List	Choose one or more aggregates on which volumes can be created	aggregateClusterIdentity	Y
Snapshot Policy	Choose a snapshot policy	netappClusterSnapshotPolicyIdentity	
Protocols	Choose the protocols to be enabled on the SVM	vserverProtocol	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity

Modify NetApp SVM SIS Policy

Summary

Modifies a new SIS policy.

Description

This task will modify a SIS policy for SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to modify the SIS policy	netappClusterVServer Identity	Y
SIS policy name	Choose a SIS policy to be modified	clusterSisPolicyName	Y
Enabled	Choose to enable or disable the SIS policy	clusterSisEnabled	
QOS Policy	Choose the QOS policy for SIS operations	clusterSisQosPolicy	
Duration	Enter the length of time in hours for which to run the scheduled SIS operations	clusterSisDuration	
Schedule	Choose a cron job schedule to be used for the SIS operations	clusterSisCronJobSchedule	
Comment	Enter a comment	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_SIS_POLICY_NAME	Name of the sis Policy.	clusterSisPolicyName
OUTPUT_CLUSTER_SIS_ENABLED	To Enable/Disable sis policy.	clusterSisEnabled
OUTPUT_CLUSTER_SIS_DURATION	The duration in hours for which the scheduled sis operation should run.	clusterSisDuration
OUTPUT_CLUSTER_SIS_QOS_POLICY	QOS Policy for the SIS operation.	clusterSisQosPolicy
OUTPUT_CLUSTER_CRON_JOB_SCHEDULE	Cron type job schedule name.	clusterSisCronJobSchedule

Modify NetApp SVM User

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to modify access for a user	netappClusterVServer Identity	Y
UserName	Enter the name of the user	gen_text_input	Y
Password	Enter a new password for the user	password	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_ADMIN_USERNAME	The Username of the admin	adminusername

Modify NetApp SnapMirror Policy

Summary

Modify a snapmirror policy on SVM

Description

This task will modify a SnapMirror policy on a SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Choose a Snapmirror policy to be modified	NetAppClusterSnapmirrorPolicy Identity	Y
Restart	Choose the type of restart	netappSnapmirrorRestartType	
Transfer Priority	Choose the priority of the transfer	netappSnapmirrorTransferPriority Type	
Enter Comment	Enter a comment	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_POLICY_IDENTITY	Identity of the snapmirror policy	NetAppClusterSnapmirror PolicyIdentity

Modify NetApp SnapMirror Policy Rule

Summary

Modify a rule from cluster snapmirror policy

Description

This task will modify a rule from the snapmirror policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy Rule	Choose a policy rule to modify	NetAppClusterSnapmirror PolicyRuleIdentity	Y
Snapshot Copy Retention Count	Enter the snapshot copy retention count	gen_text_input	Y
Preserve	Check to enable snapshot copy preserve		
Warning Threshold Count	Enter the warning threshold count	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_ SNAPMIRROR_POLICY_RULE_ IDENTITY	Identity of the snapmirror policy rule	NetAppClusterSnapmirror PolicyRuleIdentity

Modify NetApp SnapMirror Relationship

Summary

Modifies snapmirror relationship between two SVM volumes

Description

This task will modify the parameters of the SnapMirror relationship of type Data Protection between a source and destination volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SnapMirror Relationship	Choose a Snapmirror relationship to modify	NetAppClusterSnapmirror RelationIdentity	Y
Policy	Choose a Snapmirror policy	NetAppClusterSnapmirror PolicyIdentity	
Schedule	Choose a cron job with which to schedule the Snapmirror update	NetAppClusterCronJob Identity	
Maximum Transfer Rate (kbps)	Enter the maximum transfer rate. Default is 0, which specifies an unlimited transfer rate.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_SNAPMIRROR_RELATIONSHIP_IDENTITY	Identity of the snapmirror relationship	NetAppClusterSnapmirror RelationIdentity

Modify Netapp Cluster Logical Interface Status

Summary

Modify a Netapp cluster logical interface status.

Description

This task modifies the administrative status of the logical interface associated with a storage virtual machine (SVM).

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Interface	Select logical interface name to modify status	netappClusterLIFIdentity	Y
Administrative Status	LIF's Administrative Status	NETAPP_LIF_STATUS	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	netappAccountName
OUTPUT_CLUSTER_LOGICAL_INF_NAME	Name of the Cluster Logical interface	netappClusterLIFName
OUTPUT_CLUSTER_SVM_IDENTITY	Identity of the SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORT	Name of the cluster port.	gen_text_input

Move NetApp Cluster Volume

Summary

Moves a volume to setination aggregate under the cluster context.

Description

This task will moves a flexible volume to any eligible aggregate in the cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be migrated	netappClusterVolumeIdentity	Y
Aggregate Name	Choose an aggregate to which to migrate the volume	netappClusterAggregateName	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity

Reject NetApp Cluster SVM Peer

Summary

Rejects a new SVM peer relationship which is in pending state

Description

This task will reject the SVM peer relationship which is in pending state.

Inputs

Input	Description	Mappable To Type	Mandatory
Select SVM Peer relationship id	Choose an SVM relationship ID with which to reject a peer relationship	netappSourceClusterVServerPeerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_SOURCE_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the source cluster SVM peer relationship	netappSourceClusterVServerPeerIdentity
OUTPUT_DESTINATION_CLUSTER_VSERVER_PEER_RELATIONSHIP_IDENTITY	Identity of the destination cluster SVM peer relationship	netappDestinationClusterVServerPeerIdentity

Remove NetApp SnapMirror Policy Rule

Summary

Removes a rule from cluster snapmirror policy

Description

This task will remove a rule from the snapmirror policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy Rule	Choose a policy rule to remove	NetAppClusterSnapmirrorPolicy RuleIdentity	Y

Outputs

No Outputs

Remove port from Cluster Interface Group

Summary

Remove an existing port from interface group on the node under cluster context.

Description

This task will remove a network port from port interface group. The port interface group must already exist.

Inputs

Input	Description	Mappable To Type	Mandatory
Interface Group Name	Choose the interface group from which to remove a port	netappClusterInfGroup Identity	Y
Port Name	Choose a port to remove from the interface	gen_text_input	Y

Outputs

No Outputs

Rename NetApp Cluster IPspace

Summary

Assigns selected interface to IP Space.

Description

This task will rename the selected VLAN interface to the IP Space. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
IPSpace Name	Choose an IP space to be renamed	netappClusterIPspaceIdentity	Y
New IPSpace Name	Enter a new name for the IP space	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_IPSPACE_NAME	Name of the NetApp cluster IPspace.	netappClusterIPspaceName
OUTPUT_NETAPP_CLUSTER_IPSPACE_IDENTITY	NetApp cluster IPspace Identity.	netappClusterIPspaceIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity

Set NetApp FCP Port Name

Summary

Sets FCP Adapter portname

Description

This task will set new port name to selected fcp adapter.

Inputs

Input	Description	Mappable To Type	Mandatory
Adapter Name(LIF)	Choose an FCP Adaptor for which to set portname	netappClusterLIFIdentity	Y
Port Name(wwpn)	Enter a port name in WWPN format	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity
OUTPUT_CLUSTER_FCP_PORT_NAME	Name of the cluster fcp port(wwpn).	gen_text_input

Setup CIFS on NetApp SVM

Summary

Configure and setup CIFS services on a SVM.

Description

This task will Configure and setup CIFS services on a SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to set up and configure CIFS server	netappClusterVServer Identity	Y
CIFS Server	Enter the netBIOS name of the CIFS server	gen_text_input	Y
Domain Name	Enter the fully qualified domain name of the active directory to which this server belongs	clusterCifsDomain	Y
Admin User	Enter the username of the account used to add this CIFS server to the active directory	clusterCifsUserName	Y
Admin Password	Enter the password of the account used to add this CIFS server to the active directory	clusterCifsPassWord	Y
Organizational Unit	Enter the name of the organizational unit within the active directory to which this CIFS server belongs	gen_text_input	Y
Schema	Choose the LDAP schema to be used for this configuration	gen_text_input	Y
Server IP	Enter one or more LDAP IP addresses to use for this configuration. This option is not applicable for configurations using active directory LDAP servers. Separate the IP addresses with commas if more than one address is specified.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_ADMIN_USERNAME	The username of the account used to add this CIFS server to Active Directory.	clusterCifsUserName
OUTPUT_CLUSTER_CIFS_ADMIN_PASSWORD	The password for the account used to add this CIFS server to Active Directory.	clusterCifsPassWord
OUTPUT_CLUSTER_CIFS_DOMAIN	The fully qualified domain name of the Windows Active Directory.	clusterCifsDomain

Start/Stop NetApp SVM FCP Service

Summary

Starts or stops FCP service of SVM

Description

This task will start or stop the fcp service of selected SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to start the FCP services	netappClusterVServerIdentity	Y
FCP Service Start	Check to start the FCP service on the SVM	netappClusterFCPServiceIs Available	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Start/Stop NetApp SVM iSCSI Service

Summary

Starts or stops iSCSI service of SVM

Description

This task will start or stop the iSCSI service of selected SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to start the iSCSI services	netappClusterVServerIdentity	Y
iSCSI Service Start	Check to start the iSCSI service on the SVM	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_ISCSI_SERVICE_IDENTITY	Identity of the cluster iSCSI Service	netappClusteriSCSIServiceIdentity



NetApp clustered SVM Tasks

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Add Existing Initiator to NetApp Cluster IGroup

Summary

Add an existing initiator of an host node to the existing Initiator Group in SVM.

Description

This task will add the initiator to the initiator group of same type(iSCSI/FCP) in SVM. Task will list out all the existing iSCSI and FCP initiators followed by the type iSCSI/FCP for the selected host node. So that we can select the appropriate initiator based on the selected initiator group of type iSCSI/FCP.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM	netappClusterVServer Identity	Y
Hostnode	Choose a host node from which to add the initiator to an initiator group	vmHost	Y
Initiator Group Type	Choose the type of initiator group	netAppInitiatorGroupType	
Initiator Name	Choose the name of the initiator to be added to the group	gen_text_input	Y
Initiator Group Name	Choose the initiator group to which the initiator is to be added	netappClusterIGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_INITIATOR	Name of the cluster initiator.	gen_text_input

Add Initiator to NetApp Cluster Initiator Group

Summary

Add an Initiator to an Initiator group in SVM.

Description

An Initiator provides the storage path link between a host node and a LUN. This initiator is managed by the Initiator group.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose the initiator group to which the initiator is to be added	netappClusterIGroup Identity	Y
Initiator Name	Enter the name of the initiator	gen_text_input	
WWPN Alias	Choose the WWPN alias to be added to the initiator	netappClusterWWPNAlias Identity	
Force	Check to forcibly add the initiator to the group		

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_INITIATOR	Name of the cluster initiator.	gen_text_input

Add NetApp Cluster Port To Portset

Summary

Adds port to selected Portset

Description

This task will add port to selected cluster portset.

Inputs

Input	Description	Mappable To Type	Mandatory
Portset Name	Choose a portset	netappClusterPortsetIdentity	Y
LIF Identity	Choose a port to be added to the portset	netappClusterLIFIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORTSET_IDENTITY	Identity of the cluster portset	netappClusterPortsetIdentity
OUTPUT_CLUSTER_PORTSET_PORT_NAME	Name of cluster portset port	netappClusterPortsetPort Name
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity

Add NetApp Cluster Quota

Summary

Create a user, group, or tree quota for the selected volume or qtree.

Description

This task creates a user, group, or tree quota rule for a volume or qtree. The usage limit restrictions are not supported for FlexGroup volumes or its corresponding qtrees.

Inputs

Input	Description	Mappable To Type	Mandatory
Quota Type	Choose the type of quota to be created	NETAPP_CLUSTER_QUOTA_TYPE	
Volume Name	Select the Volume in which Quota to be created.	netappClusterVolume Identity	
Qtree Name	Choose a qtree on which to create a new quota	netappClusterQtree Identity	
User	Please choose to set the quota for all users or a specific user	NETAPP_CLUSTER_QUOTA_USER_TYPE	
Specify User	Please enter the user name you want the quota to associate with	gen_text_input	
Perform User Mapping	If this parameter is enabled the UNIX user name specified as the quota target will be mapped to the corresponding Windows user name or vice-versa and quota accounting will be performed for the users together	Boolean	
Group	Please choose to set the quota for all groups or a specific group	NETAPP_CLUSTER_QUOTA_GROUP_TYPE	
Specify Group	Please enter the group name you want the quota to associate with	gen_text_input	
Disk Space Hard Limit (GB)	Enter disk space hard limit in GB	gen_text_input	
Files Hard Limit	Enter files hard limit	gen_text_input	
Threshold (GB)	Enter threshold value in GB	gen_text_input	
Disk Space Soft Limit (GB)	Enter disk space soft limit in GB	gen_text_input	
Files Soft Limit	Enter files soft limit	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_QTREE_NAME	Name of the QTree.	netAppQTreeName
OUTPUT_CLUSTER_QTREE_IDENTITY	Identity of the cluster QTree.	netappClusterQtreeIdentity
OUTPUT_CLUSTER_QUOTA_IDENTITY	Identity of the cluster Quota.	NETAPP_CLUSTER_QUOTA_IDENTITY
OUTPUT_CLUSTER_QUOTA_TYPE	Netapp Cluster Quota Type	NETAPP_CLUSTER_QUOTA_TYPE

Add NetApp Cluster Snapshot Policy Schedule

Summary

Adds a schedule to selected Snapshot Policy

Description

This task will add a schedule to selected snapshot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Policy Name	Choose a snapshot policy to which to add a new schedule	netappClusterSnapshotPolicyIdentity	Y
Schedule	Choose a cron job or interval schedule to be added to the policy	netappClusterJobScheduleList	Y
Count	Enter the number of snapshots to be retained for the schedule	gen_text_input	Y
Snapmirror Label	Enter a label for the Snapmirror operation of the schedule	gen_text_input	
Prefix	Enter a prefix for the snapshots to be created	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_SCHEDULE_IDENTITY	Identity of the cluster snapshot policy schedule	netappClusterSnapshotPolicyScheduleIdentity

Bind NetApp Cluster Initiator Group To Portset

Summary

Binds igroup to selected portset

Description

This task will bind selected initiator group to selected portset.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose an initiator group	netappClusterIGroupIdentity	Y
Portset Name	Choose a portset to which to bind the initiator group	netappClusterPortsetIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity
OUTPUT_CLUSTER_PORTSET_IDENTITY	Identity of the cluster portset	netappClusterPortsetIdentity

Clone NetApp Cluster LUN

Summary

Clones selected LUN under the same volume in SVM.

Description

This task will clone a source LUN to destination LUN with in the same volume. Starts a LUN clone operation asynchronously.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be cloned	netappClusterLUNIdentity	Y
Snapshot Clone	Check to clone the LUN from a snapshot		
Snapshot Name	Choose a snapshot of the LUN's volume from which to clone the LUN	netappClusterVolume SnapshotIdentity	
New LUN Name	Enter the name of the clone	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity

Create DNS for NetApp SVM

Summary

Creates DNS configuration for SVM.

Description

This task will create DNS configuration for the SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to create the DNS configuration	netappClusterVServerIdentity	Y
Domain Name	Enter the domain name of the DNS server	gen_text_input	Y
DNS State	Choose the state of the DNS server	NETAPP_CLUSTER_DNS_STATE	Y
Server IP	Enter the server IP address of the DNS server	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Create NetApp CIFS Share

Summary

Creates a new CIFS share.

Description

This task will create a new CIFS share rooted at the specified path.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume on which to create a CIFS share	netappClusterVolume Identity	Y
Share Name	Enter a name for the CIFS share	gen_text_input	Y
Comments	Enter comments for the CIFS share	gen_text_input	
Set Share Access	Check to specify access for the share		
Permission	Choose the permission levels to be set for the user or group	clusterCifsShareAcl Permission	Y
User or Group	Enter the name of the user or group for which permission level is to be set	clusterCifsShareAclUserOr Group	Y

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolume Identity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName
OUTPUT_CLUSTER_CIFS_SHARE_PERMISSION_IDENTITY	Identity of the cluster cifs share access permission	clusterCifsShareAcl Permission
OUTPUT_CLUSTER_CIFS_SHARE_USERGROUP_IDENTITY	Identity of the cluster cifs share access user or group	clusterCifsShareAclUserOr Group

Create NetApp CIFS Share Access

Summary

Add permissions for a defined CIFS Share.

Description

This task will add permissions for a user or group for a defined CIFS Share.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume on which to set access levels for the CIFS share	netappClusterVolume Identity	Y
Share Name	Choose the CIFS share to specify access levels for a user or group	clusterCifsShareName	Y
Permission	Choose the permission levels to be set for the specified user or group	clusterCifsShareAcl Permission	Y
User or Group	Enter the name of the user or group for which the permission level is to be set	clusterCifsShareAclUserOr Group	Y

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolume Identity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName
OUTPUT_CLUSTER_CIFS_SHARE_PERMISSION_IDENTITY	Identity of the cluster cifs share access permission	clusterCifsShareAcl Permission
OUTPUT_CLUSTER_CIFS_SHARE_USERGROUP_IDENTITY	Identity of the cluster cifs share access user or group	clusterCifsShareAclUserOr Group

Create NetApp Cluster Export Policy

Summary

Creates Cluster Export Policy

Description

This task will create cluster export policies

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to create an export policy	netappClusterVServerIdentity	Y
Policy Name	Enter a name for the export policy	netappClusterExportPolicy Name	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicy Identity

Create NetApp Cluster Export Rule

Summary

Creates Cluster Export Rule

Description

This task will create cluster export rules

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM for which to create an export rule	netappClusterVServer Identity	Y
Export Policy	Choose an export policy	netappClusterExportPolicy Identity	Y
Access Protocol	Choose an access protocol	netappClusterExportRule AccessProtocol	
Client Match Spec	Enter the specification for the clients to which the rule applies	gen_text_input	Y
Read Only Access Rule	Choose the rule for read-only access	netappClusterExportRule AccessRule	Y
Read Write Access Rule	Choose the rule for read-write access	netappClusterExportRule AccessRule	Y
Rule Index	Enter a unique index number for the rule	gen_text_input	
Enable UID	Check to enable the NFS server to set UID bits in the SETATTR operation	Boolean	
Enable Dev	Check to enable the NFS server to allow creation of devices	Boolean	
Unix Security Operations	Choose ignore or fail for Unix security operation on the NTFS volume	netappClusterExportUnix SecurityOperations	
Chown Mode	Choose restricted or unrestricted ownership mode	netappClusterExportChown Modes	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_RULE_IDENTITY	Identity of Cluster Export Rule.	netappClusterExportRule Identity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicy Identity

Create NetApp Cluster FlexGroup Volume

Summary

Create a NetApp cluster FlexGroup volume.

Description

This task creates a FlexGroup volume under an SVM. A FlexGroup volume is a scale-out network area storage container that provides high performance with automatic load distribution and scalability. A FlexGroup volume contains several constituents that automatically and transparently share the traffic.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Select SVM for FlexGroup creation	netappClusterVServerIdentity	Y
FlexGroup Name	Enter the name for the FlexGroup Volume	gen_text_input	
Auto Provision	Automatically select existing aggregates for provisioning Flex Group volumes	Boolean	Y
FlexGroup Size	Enter Size of the FlexGroup	netAppVolSize	Y
FlexGroup Size Units	Select appropriate unit for size of FlexGroup	NETAPP_CLUSTER_FLEXGROUP_VOLUME_SIZE_UNIT	
Volume Type	Select type of Volume	NETAPP_CLUSTER_FLEXGROUP_VOLUME_TYPE	
Volume State	Select state of the Volume	NETAPP_CLUSTER_FLEXGROUP_VOLUME_STATE	
Security Style	Select security style for the volume	NETAPP_CLUSTER_FLEXGROUP_SECURITY_STYLE	
Space Guarantee	Select Space Guarantee Style for the Volume	NETAPP_CLUSTER_FLEXGROUP_SPACE_GUARANTEE	
Snapshot Size(%)	Enter the percentage of volume to be reserved for snapshots. The default value is 5	netAppVolumeSnapshotPercent	
Snapshot Policy	Select snapshot policy for the volume	netappClusterSnapshotPolicy Identity	
Export Policy	Select export policy for the volume	netappClusterExportPolicy Identity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicyIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account	netAppAccountIdentity

Create NetApp Cluster Flexible Volume

Summary

Creates a new flexible volume.

Description

This task will create a new flexible volume under the the selected SVM. A flexible volume is loosely coupled with its containing aggregate and hence size can be increased or decreased. Security style NTFS option can be choosed to create a volume having the security style as NTFS otherwise volume will be created with style as UNIX.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM	netappClusterVServerIdentity	Y
Aggregate Name	Choose an aggregate on which to create the volume	aggregateClusterIdentity	Y
Volume Name	Enter a name for the volume	gen_text_input	
Volume Size	Enter the size of the volume to be created	netAppVolSize	Y
Volume Size Units	Choose the unit of size	sizeUnit	
Volume Type	Choose the type volume to be created	netappClusterVolumeType	Y
Volume State	Choose the state of the volume	netappClusterVolumeState	Y
Security Style	Choose a security style	netappClusterVolumeSecurityStyle	Y
Space Guarantee	Choose the space guarantee setting	spaceGuarantee	Y
Snapshot Size (%)	Enter the percentage of volume to be reserved for snapshots	netAppVolumeSnapshotPercent	
Snapshot Policy	Choose a snapshot policy	netappClusterSnapshotPolicyIdentity	
Export Policy	Choose an export policy	netappClusterExportPolicyIdentity	
Flexcache Origin Volume Name for type DC	Choose the origin volume for the flexcache volume	netappClusterFlexcacheOriginVolumeNameList	Y

Outputs

Output	Description	Type
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicyIdentity
OUTPUT_CLUSTER_AGGREGATE_NAME	Name of the Cluster Aggregate.	netappClusterAggregateName
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_FILER_IDENTITY	Identity of the Filer	filerIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity
OUTPUT_CLUSTER_MULTI_VOLUME_IDENTITY	Identity of the multiple Cluster Volumes	netappClusterMultiVolumeIdentity

Create NetApp Cluster Initiator Group

Summary

Creates a new Initiator Group in SVM

Description

Initiator group is a grouping of initiators (iSCSI or FC adapters). This task will create an Initiator group which can be used to group initiators in a separate task.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM to create an initiator group	netappClusterVServerIdentity	Y
Initiator Group Name	Enter a name for the initiator group	gen_text_input	
Group Type	Choose a type of initiator group	netAppInitiatorGroupType	Y
OS Type	Choose the operating system of the initiators in this group	ostype	Y
Portset Name	Choose a port set	netappClusterPortsetIdentity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity
OUTPUT_CLUSTER_IGROUP_NAME	Name of the cluster initiator group.	netappClusterInitiatorGroupName
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Create NetApp Cluster LUN

Summary

Creates a new LUN under the selected volume in a SVM

Description

A LUN is a Storage Unit (Logical Unit Number). This task is for creating a new LUN storage unit under a volume in SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume on which the LUN is to be created	netappClusterVolumeIdentity	Y
LUN Name	Enter a name for the LUN	gen_text_input	
Size	Enter the size of the LUN	gen_text_input	Y
Size Units	Choose the unit for the size of the LUN	sizeUnit	
OS Type	Choose the type of operating system	ostype	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity

Create NetApp Cluster Multi-Volume Snapshot

Summary

Creates snapshots for multiple volumes.

Description

This task will create snapshots for selected list of volumes in the specified name.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM	netappClusterVServerIdentity	Y
Volume Names	Choose one or more volumes for which snapshots are to be created	netappClusterMultiVolumeIdentity	Y
Snapshot Name	Enter the name of the snapshot	netAppVolSnapshot	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_MULTI_VOLUME_IDENTITY	Identity of the multiple Cluster Volumes	netappClusterMultiVolumeIdentity
SNAPSHOT_NAME	Name of the Snapshot on which the selected operation was performed	netAppVolSnapshot
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolumeSnapshotIdentity

Create NetApp Cluster Portset

Summary

Creates Cluster Portset

Description

This task will create cluster portset on selected SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to create a portset	netappClusterVServerIdentity	Y
Portset Name	Enter a name for the portset	gen_text_input	Y
Portset Type	Choose the type of portset	netAppClusterPortsetType	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORTSET_IDENTITY	Identity of the cluster portset	netappClusterPortsetIdentity

Create NetApp Cluster QTree

Summary

Creates a new QTree for the selected volume under SVM context.

Description

This task will create new QTree for the selected volume under the SVM context.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume for which to create a qtree	netappClusterVolumeIdentity	Y
Qtree Name	Enter the qtree name	netAppQTreeName	

Outputs

Output	Description	Type
OUTPUT_QTREE_NAME	Name of the QTree.	netAppQTreeName
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_QTREE_IDENTITY	Identity of the cluster QTree.	netappClusterQtreeIdentity

Create NetApp Cluster Snapshot Policy

Summary

Creates Snapshot Policy

Description

This task will create snapshot policy for selected SVM in the specified name and also adds one schedule to the created policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Name	Choose a NetApp C mode account	ClusterFileIdentity	Y
SVM Name	Choose an SVM for which to create a snapshot policy	netappClusterVServerIdentity	
Snapshot Policy Name	Enter a name for the snapshot policy	netappClusterSnapshotPolicyName	Y
Schedule	Choose a cron job or interval schedule to be added to the policy	netappClusterJobScheduleList	Y
Count	Enter the number of snapshots to be retained for the schedule	gen_text_input	Y
Snapmirror Label	Enter a label for the Snapmirror operation of the schedule	gen_text_input	
Prefix	Enter a prefix for the snapshots to be created	gen_text_input	
Is Enabled	Check to enable the snapshot policy	netappClusterSnapshotPolicyEnabled	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_SCHEDULE_IDENTITY	Identity of the cluster snapshot policy schedule	netappClusterSnapshotPolicyScheduleIdentity

Create NetApp Cluster Volume Snapshot

Summary

Create a Snapshot for a Volume in SVM.

Description

This task will create a snapshot copy on a selected volume in SVM. A volume can be backed up using the snapshot feature. Snapshot can be used for the purpose of backup and recovery of a Volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume of which to create snapshot	netappClusterVolumeIdentity	Y
Snapshot Name	Enter a name for the snapshot	netAppVolSnapshot	Y
Async	Check to create the snapshot asynchronously	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolumeSnapshot Identity

Create NetApp Cluster WWPN Alias

Summary

Creates wwpn alias

Description

This task will create wwpn alias for a given initiator wwpn.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM	netappClusterVServerIdentity	Y
WWPN Alias	Enter the alias to be set for the WWPN	gen_text_input	Y
WWPN	Enter the WWPN for which to set the alias	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_FCP_WWPN_ALIAS_IDENTITY	Identity of the cluster fcp wwpn alias	netappClusterWWPNAliasIdentity

Create a New IP to host names mapping for NetApp vServer

Summary

Create a new IP to host names mapping.

Description

This task will create a new IP to host names mapping.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to create an IP to host name mapping	netappClusterVServerIdentity	Y
Hostname	Enter the host name	gen_text_input	Y
Host IP Address	Enter the IP address to be mapped to the host name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Delete IP to host names mapping

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM from which to delete an IP to host name mapping	netappClusterVServerIdentity	Y
Host IP Address	Enter the IP address of the host from which to delete the mapping	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Delete NetApp CIFS Share

Summary

Deletes the specified CIFS share.

Description

This task will delete the specified CIFS share.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume for which the CIFS share is to be deleted	netappClusterVolumeIdentity	Y
Share Name	Choose the CIFS share to be deleted	clusterCifsShareName	Y

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName

Delete NetApp CIFS Share Access

Summary

Removes permissions for a defined CIFS Share.

Description

This task will remove permissions for a user or group for a defined CIFS Share.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume for which to delete access levels from its CIFS share	netappClusterVolume Identity	Y
Share Name	Choose a CIFS share from which to delete access level for a user or group	clusterCifsShareName	Y
User or Group	Choose a user or group for which to delete the access level from the selected CIFS share	clusterCifsShareAclUserOr Group	Y

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolume Identity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName
OUTPUT_CLUSTER_CIFS_SHARE_USERGROUP_IDENTITY	Identity of the cluster cifs share access user or group	clusterCifsShareAclUserOr Group

Delete NetApp Cluster Export Policy

Summary

Deletes Cluster Export Policy

Description

This task will delete cluster export policies

Inputs

Input	Description	Mappable To Type	Mandatory
Export Policy	Choose the export policy to be deleted	netappClusterExportPolicy Identity	Y

Outputs

No Outputs

Delete NetApp Cluster Export Rule

Summary

Deletes Cluster Export Rule

Description

This task will delete cluster export rules

Inputs

Input	Description	Mappable To Type	Mandatory
Export Rule	Choose the export rule to be deleted	netappClusterExportRuleIdentity	Y

Outputs

No Outputs

Delete NetApp Cluster Quota

Summary

Deletes a cluster quota.

Description

This task will delete a quota rule of user,group or tree type created on the volume or qtree.

Inputs

Input	Description	Mappable To Type	Mandatory
Quota Type	Select Quota Type	NETAPP_CLUSTER_QUOTA_TYPE	
Quota	Select the quota for deletion	NETAPP_CLUSTER_QUOTA_IDENTITY	
Qtree Name	Select Qtree Name	netappClusterQtreeIdentity	Y

Outputs

No Outputs

Delete NetApp Cluster Snapshot Policy

Summary

Deletes Snapshot Policy

Description

This task will delete selected snapshot policy from SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Policy Name	Select snapshot policy to be deleted	netappClusterSnapshotPolicy Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicy Identity

Delete NetApp Cluster Volume Snapshot

Summary

Deletes the selected snapshot

Description

This task will delete the selected snapshot from volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select Volume whose snapshot to be deleted	netappClusterVolumeIdentity	Y
Snapshot Name	Choose the snapshot to be deleted	netappClusterVolumeSnapshot Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolumeSnapshot Identity

Delete NetApp Cluster WWPN Alias

Summary

deletes wwpn alias

Description

This task will delete selected wwpn alias.

Inputs

Input	Description	Mappable To Type	Mandatory
WWPN Alias	Choose the WWPN alias to be deleted	netappClusterWWPNAlias Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_FCP_WWPN_ALIAS_IDENTITY	Identity of the cluster fcp wwpn alias	netappClusterWWPNAlias Identity

Destroy NetApp Cluster FlexGroup Volume

Summary

Destroy a NetApp cluster FlexGroup volume.

Description

This task destroys a FlexGroup volume.

Inputs

Input	Description	Mappable To Type	Mandatory
FlexGroup Name	Select the FlexGroup Volume that needs to be Destroyed	netappClusterVolumeIdentity	Y
Force	Select to forcibly destroy FlexGroup volume	Boolean	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input

Destroy NetApp Cluster Flexible Volume

Summary

Destroys flexible volume.

Description

This task will destroys flexible volume under the the SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be deleted	netappClusterVolume Identity	Y
Force	Check to forcibly delete the volume if it is online		

Outputs

No Outputs

Destroy NetApp Cluster Initiator Group

Summary

Delete an Initiator Group in SVM.

Description

An Initiator group in SVM can be deleted when the LUN that it is mapped to does not have any usage. When deleting an Initiator Group all the initiators within this group are deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose the initiator group to be deleted	netappClusterIGroup Identity	Y
Force	Check to forcibly delete an initiator group if it is mapped with LUNs		

Outputs

No Outputs

Destroy NetApp Cluster LUN

Summary

Deletes a LUN under the volume in a SVM

Description

This task will deletes a LUN under the volume in a SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be deleted	netappClusterLUNIdentity	Y
Force	Check to forcibly delete a LUN that is mapped to a initiator group		

Outputs

No Outputs

Destroy NetApp Cluster Portset

Summary

Destroys Cluster Portset

Description

This task will destroy cluster portset from SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
Portset Name	Choose the portset to be deleted	netappClusterPortsetIdentity	Y
Force	Check to forcibly delete the portset	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORTSET_IDENTITY	Identity of the cluster portset	netappClusterPortsetIdentity

Destroy NetApp Cluster QTree

Summary

Destroy a selected QTree for the volume under SVM context.

Description

Destroy a selected QTree for the selected volume under SVM context.

Inputs

Input	Description	Mappable To Type	Mandatory
Qtree Name	Choose the qtree to be deleted	netappClusterQtreeIdentity	Y
Force	Check to forcibly delete the qtree		

Outputs

No Outputs

Map NetApp Cluster LUN to iGroup

Summary

Map an existing LUN to an existing Initiator Group in SVM

Description

Each Initiator under Initiator Group are mapped to individual host nodes. The host node information is stored in the specified LUN which is mapped to this Initiator Group

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be mapped to the initiator group	netappClusterLUNIdentity	Y
Initiator Group Name	Choose an initiator group to which to map the LUN	netappClusterIGroupIdentity	Y
Specify LUN ID	Check to specify an ID for the LUN		
LUN ID	Enter an ID for the LUN	lunId	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity
LUN_PATH	Path of the LUN on which the selected operation was performed	netAppLunPath

Migrate NetApp Cluster LUN

Summary

Migrate a LUN from one volume to another under the same SVM.

Description

This task moves a LUN from one volume to another inside the same vserver (SVM). A LUN can be migrated using this task when it is online without any disruption to its data services.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Source LUN	Select the LUN that need to be moved	netappClusterLUNIdentity	Y
Select Destination Volume	Select the destination volume for the LUN	netappClusterVolumeIdentity	Y
Promote Late	Specifies that the destination needs to be promoted late. If selected LUN will only be visible in the destination volume after the migration is complete. Else the LUN is visible in the destination volume immediately by default	Boolean	
Maximum Transfer Rate (per sec)	Enter the throttle value for the transfer rate of migration,max allowed is 4095TB approximately	gen_text_input	
Unit of Transfer Rate	Select the appropriate unit for data transfer rate	NETAPP_CLUSTER_LUN_TRANSFER_RATE_UNIT	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	NetApp Cluster SVM Identity	netappClusterVServerIdentity
OUTPUT_NETAPP_ACCOUNT_IDENTITY	Identity of Netapp Account Identity	netAppAccountIdentity

Modify DNS for NetApp SVM

Summary

Modifies DNS configuration for SVM.

Description

This task will modify DNS configuration for the SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to modify the DNS configuration	netappClusterVServerIdentity	Y
Domain Name	Enter the domain name of the DNS server	gen_text_input	
DNS State	Choose the state of the DNS server	NETAPP_CLUSTER_DNS_STATE	
Server IP	Enter the IP address of the DNS server	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Modify NetApp CIFS Share

Summary

Modifies settings of a CIFS Share.

Description

This task will modify the settings of a CIFS Share, even if the shares are in use.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume on which the CIFS share is to be modified	netappClusterVolumeIdentity	
Share Name	Choose the CIFS share to be modified	clusterCifsShareName	Y
File System Path	Enter a file system path for the CIFS share	gen_text_input	
Comments	Enter comments for the CIFS share	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName

Modify NetApp CIFS Share Access

Summary

Modifies permissions for a defined CIFS Share.

Description

This task will modify permissions for a user or group for a defined CIFS Share.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume on which to modify access levels for the CIFS share	netappClusterVolume Identity	Y
Share Name	Choose a CIFS share on which to modify access level for a user or group	clusterCifsShareName	Y
User or Group	Choose the user or group for which the access level is to be modified	clusterCifsShareAclUserOr Group	Y
Permission	Choose the permission levels to be set for the specified user or group	clusterCifsShareAcl Permission	Y

Outputs

Output	Description	Type
OUTPUT_VSERVER_CIFS_VOLUME_IDENTITY	Identity of the cluster SVM CIFS volume	vServerCIFSVolumeIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolume Identity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServer Identity
OUTPUT_CLUSTER_CIFS_SHARE_NAME	Name of the CIFS Share.	clusterCifsShareName
OUTPUT_CLUSTER_CIFS_SHARE_PERMISSION_IDENTITY	Identity of the cluster cifs share access permission	clusterCifsShareAcl Permission
OUTPUT_CLUSTER_CIFS_SHARE_USERGROUP_IDENTITY	Identity of the cluster cifs share access user or group	clusterCifsShareAclUserOr Group

Modify NetApp Cluster Export Policy (Rename)

Summary

Modifies Cluster export policy attributes

Description

This task will rename export policy name of the selected cluster export policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Choose the export policy to be modified	netappClusterExportPolicy Identity	Y
New Policy Name	Enter a new name for the export policy	netappClusterExportPolicyName	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicy Identity

Modify NetApp Cluster Export Rule

Summary

Modifies Cluster export rule attributes

Description

This task will rename export rule attributes of the selected cluster export rule.

Inputs

Input	Description	Mappable To Type	Mandatory
Export Rule	Choose an export rule to be modified	netappClusterExportRule Identity	Y
Access Protocol	Choose an access protocol	netappClusterExportRule AccessProtocol	
Client Match Spec	Enter the specification for the clients to which the rule applies	gen_text_input	
Read Only Access Rule	Choose the rule for read-only access	netappClusterExportRule AccessRule	
Read Write Access Rule	Choose the rule for read-write access	netappClusterExportRule AccessRule	
Enable UID	Check to enable the NFS server to set UID bits in the SETATTR operation	Boolean	
Enable Dev	Check to enable the NFS server to allow creation of devices	Boolean	
Unix Security Operations	Choose ignore or fail for Unix security operations on the NTFS volume	netappClusterExportUnix SecurityOperations	
Chown Mode	Choose restricted or unrestricted ownership mode	netappClusterExportChown Modes	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_EXPORT_RULE_IDENTITY	Identity of Cluster Export Rule.	netappClusterExportRule Identity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicy Identity

Modify NetApp Cluster Flexible Volume

Summary

Modifies volume attributes

Description

This task will modify volume attributes like assigned snapshot policy, etc. The task can also be used to modify the attributes of FlexGroup volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be modified	netappClusterVolumeIdentity	Y
Snapshot Policy Name	Choose a snapshot policy	netappClusterSnapshotPolicy Identity	
Export Policy	Choose an export policy	netappClusterExportPolicy Identity	
Reserve(%)	Enter the percentage of the volume to be reserved for snapshots	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicy Identity
OUTPUT_CLUSTER_EXPORT_POLICY_IDENTITY	Identity of Cluster Export Policy	netappClusterExportPolicy Identity
OUTPUT_CLUSTER_MULTI_VOLUME_IDENTITY	Identity of the multiple Cluster Volumes	netappClusterMultiVolume Identity

Modify NetApp Cluster Flexible Volume Compression Status

Summary

Modify a Netapp cluster Volume Compression Status.

Description

This task enables or disables the background compression and inline compression on a cluster volume. Compression status for FlexGroup volumes can be modified using this task.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Select Cluster Volume to enable/disable compression	netappClusterVolumeIdentity	Y
Enable Background Compression	Compression runs along with deduplication. Select to enable background compression.	Boolean	
Enable Inline Compression	Compress data while writing. Select to enable inline compression.	Boolean	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VOLUME_COMPRESSION_STATUS	NetApp Cluster Volume Compression Status	NETAPP_CLUSTER_VOLUME_COMPRESSION_STATUS

Modify NetApp Cluster Initiator Group(Rename)

Summary

Modifies Cluster initiator group attributes

Description

This task will rename initiator group name of the selected cluster initiator group.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose the initiator group to be modified	netappClusterIGroupIdentity	Y
New Initiator Group Name	Enter a new name for the initiator group	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity

Modify NetApp Cluster QTree

Summary

Modifies a QTree for the selected volume under SVM context.

Description

This task will modify the QTree for selected volume under the SVM context.

Inputs

Input	Description	Mappable To Type	Mandatory
Qtree Name	Choose the qtree to be modified	netappClusterQtreeIdentity	Y
Security Style	Choose a security style for the qtree	gen_text_input	Y
Oplocks	Choose to enable or disable the opportunistic locks mode of the qtree	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_QTREE_NAME	Name of the QTree.	netAppQTreeName
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_QTREE_IDENTITY	Identity of the cluster QTree.	netappClusterQtreeIdentity

Modify NetApp Cluster Quota

Summary

Modify limits of a quota.

Description

This task modifies quota limits on a quota or qtree. Modifying quota rule limits is not supported on FlexGroup volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Quota Type	Select Quota Type	NETAPP_CLUSTER_QUOTA_TYPE	
Quota	Select the quota for modification	NETAPP_CLUSTER_QUOTA_IDENTITY	
Qtree Name	Select Qtree Name	netappClusterQtreeIdentity	
Disk Space Hard Limit (GB)	Enter disk space hard limit in GB	gen_text_input	
Files Hard Limit	Enter files hard limit	gen_text_input	
Threshold (GB)	Enter threshold value in GB	gen_text_input	
Disk Space Soft Limit (GB)	Enter disk space soft limit in GB	gen_text_input	
Files Soft Limit	Enter files soft limit	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_QTREE_NAME	Name of the QTree.	netAppQTreeName
OUTPUT_CLUSTER_QTREE_IDENTITY	Identity of the cluster QTree.	netappClusterQtreeIdentity
OUTPUT_CLUSTER_QUOTA_IDENTITY	Identity of the cluster Quota.	NETAPP_CLUSTER_QUOTA_IDENTITY

Modify NetApp Cluster Snapshot Policy

Summary

Modifies Snapshot Policy

Description

This task will modify selected snapshot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Policy Name	Choose a snapshot policy	netappClusterSnapshotPolicy Identity	Y
Is Enabled	Check to enable the snapshot policy. If left unchecked the policy defaults to the disabled state.	netappClusterSnapshotPolicy Enabled	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicy Identity

Modify NetApp Cluster Snapshot Policy Schedule

Summary

Modifies selected snapshot schedule

Description

This task will modify selected schedule. snapshot count and snapmirror label,etc can be modified using this task.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Policy Name	Choose a snapshot policy for which to modify the schedule	netappClusterSnapshotPolicyIdentity	Y
Schedule	Choose a cron job or interval schedule to be modified	netappClusterSnapshotPolicyScheduleIdentity	Y
Count	Enter the number of snapshots to be retained for the schedule	gen_text_input	Y
Snapmirror Label	Enter a label for the Snapmirror operation of the schedule	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_SCHEDULE_IDENTITY	Identity of the cluster snapshot policy schedule	netappClusterSnapshotPolicyScheduleIdentity

Modify NetApp Cluster Volume Status

Summary

Modify the status of a cluster volume.

Description

This task modifies the status of a flexible volume under an SVM. It can bring the volume online or take it offline.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume for which to modify the status	netappClusterVolumeIdentity	Y
Online	Choose the state to which to set the volume	NETAPP_VOLUME_STATUS	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_ACCOUNT_IDENTITY	Identity of the Account	gen_text_input

Modify NetApp Cluster WWPN Alias

Summary

Modifies wwpn alias

Description

This task will modify wwpn alias to new initiator wwpn

Inputs

Input	Description	Mappable To Type	Mandatory
WWPN Alias	Choose the WWPN alias to be modified	netappClusterWWPNAlias Identity	Y
WWPN	Choose a new WWPN for the alias	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_FCP_WWPN_ALIAS_IDENTITY	Identity of the cluster fcp wwpn alias	netappClusterWWPNAlias Identity

Modify hostnames to IP mapping

Summary

Modifies a new IP to host names mapping.

Description

This task will modify a new IP to host names mapping.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Choose an SVM on which to modify an IP to host name mapping	netappClusterVServerIdentity	Y
Host IP Address	Enter the IP address to be mapped to the host name	gen_text_input	Y
Hostname	Enter the host name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity

Mount NetApp Cluster Volume

Summary

Mounts the the volume in a given junction path

Description

This task will create junction path for this volume

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be mounted on a junction path	netappClusterVolumeIdentity	Y
Junction Path	Enter a junction path for the volume	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VOLUME_JUNCTION_PATH	Junction path of the cluster volume.	netappClusterVolumeJunction Path

Move NetApp Cluster LUN

Summary

Renaming the LUN Path under the volume in SVM

Description

This task is for changing the LUN Path under the volume in SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be moved	netappClusterLUNIdentity	Y
New LUN Name	Enter the new name of the LUN	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity

NetApp Cluster Volume Snapshot Partial Restore File

Summary

Partially restores a specified file path from the selected snapshot

Description

This task will partially restore a specified file path from the selected snapshot to the original file path in the volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Name	Choose a snapshot from which to restore the file	netappClusterVolume SnapshotIdentity	Y
File Path	Enter the absolute path of the file to be restored. Use the format /vol//.	gen_text_input	Y
Start Byte	Enter the starting byte of the file to restore	gen_text_input	Y
Byte Count	Enter the number of bytes to be restored, beginning from the starting byte	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolume SnapshotIdentity

NetApp Cluster Volume Snapshot Restore

Summary

Restores a selected volume to selected snapshot

Description

This task will restore a selected volume to selected snapshot.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be restored	netappClusterVolumeIdentity	Y
Snapshot Name	Choose the snapshot from which to restore the volume	netappClusterVolumeSnapshot Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolumeSnapshot Identity

NetApp Cluster Volume Snapshot Restore File

Summary

Restores a specified file path from the selected snapshot

Description

This task will restore a specified file path from the selected snapshot to either its original location or to a new location in the same volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Name	Choose a snapshot from which to restore the file	netappClusterVolume SnapshotIdentity	Y
File Path	Enter the absolute path of the file to be restored. Use the format /vol//.	gen_text_input	Y
Restore Path	Enter the new path to which to restore the file. Use an absolute path in the format /vol//.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_SNAPSHOT_IDENTITY	Identity of the cluster Volume snapshot	netappClusterVolume SnapshotIdentity

Remove Initiator from NetApp Cluster Initiator Group

Summary

Remove an Initiator from an Initiator Group in SVM

Description

Remove the Initiator from the Initiator Group in SVM. Once removed the host node will not be able to access the LUN.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose the initiator group from which the initiator is to be removed	netappClusterIGroup Identity	Y
Initiator Name	Choose the initiator to be removed from the group	gen_text_input	Y
Force	Check to forcibly remove the initiator from the group		

Outputs

No Outputs

Remove NetApp Cluster Port From Portset

Summary

Removes port from selected Portset

Description

This task will remove port from selected cluster portset.

Inputs

Input	Description	Mappable To Type	Mandatory
Portset Name	Choose a portset	netappClusterPortsetIdentity	Y
Port Name	Choose a port to be removed from the portset	netappClusterPortsetPortName	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_PORTSET_IDENTITY	Identity of the cluster portset	netappClusterPortsetIdentity
OUTPUT_CLUSTER_PORTSET_PORT_NAME	Name of cluster portset port	netappClusterPortsetPortName
OUTPUT_CLUSTER_LOGICAL_INF_IDENTITY	Identity of the cluster Logical interface	netappClusterLIFIdentity

Remove NetApp Cluster Snapshot Policy Schedule

Summary

Removes selected snapshot schedule from policy

Description

This task will remove selected schedule from snapshot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Snapshot Policy Name	Choose a snapshot policy from which to remove a schedule	netappClusterSnapshotPolicyIdentity	Y
Schedule	Choose the schedule to be removed from the policy	netappClusterSnapshotPolicyScheduleIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_IDENTITY	Identity of the cluster snapshot policy	netappClusterSnapshotPolicyIdentity
OUTPUT_CLUSTER_SNAPSHOT_POLICY_SCHEDULE_IDENTITY	Identity of the cluster snapshot policy schedule	netappClusterSnapshotPolicyScheduleIdentity

Resize NetApp Cluster LUN

Summary

Resize the LUN size within volume in SVM

Description

This task is for resizing the LUN either increase or decrease under the volume in SVM

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be resized	netappClusterLUNIdentity	Y
LUN Size	Enter the new size of the LUN	netAppLunSize	Y
Size Units	Choose the unit of size for the LUN	sizeUnit	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity

Resize NetApp Cluster Volume

Summary

Resize an existing flexible volume in SVM.

Description

This task will resize the volume size. To increase/decrease the capacity of a flexible volume user needs to mention the required size of the flexible volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be resized	netappClusterVolume Identity	Y
Volume Size	Enter the new size of the volume	netAppVolSize	Y
Volume Size Units	Choose the unit of size for the volume	sizeUnit	

Outputs

Output	Description	Type
VOLUME_NAME	Name of the Volume on which the selected operation was performed	volume
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolume Identity

Set NetApp Cluster Volume Snapshot Reserve

Summary

Sets snapshot reserve for a selected volume

Description

This task will set snapshot reserve percentage for a selected volume.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose a volume on which to set the snapshot reserve	netappClusterVolumeIdentity	Y
Reserve(%)	Enter the percentage of the volume to be reserved for snapshots	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity

Unbind NetApp Cluster Initiator Group From Portset

Summary

Unbinds igroup from selected portset

Description

This task will unbind selected initiator group from selected portset.

Inputs

Input	Description	Mappable To Type	Mandatory
Initiator Group Name	Choose the initiator group from which the portset is to be unbound	netappClusterIGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VSERVER_IDENTITY	Identity of the cluster SVM	netappClusterVServerIdentity
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity

Unmap NetApp Cluster LUN from iGroup

Summary

Un-map the LUN from the Initiator Group in SVM.

Description

Once the LUN is unmapped from the initiator group in SVM, the host node information stored in the LUN is no longer accessible.

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Choose the LUN to be unmapped from the initiator group	netappClusterLUNIdentity	Y
Initiator Group Name	Choose an initiator group from which to unmap the LUN	netappClusterIGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_LUN_IDENTITY	Identity of the cluster LUN	netappClusterLUNIdentity
OUTPUT_CLUSTER_IGROUP_IDENTITY	Identity of the cluster Initiator group	netappClusterIGroupIdentity

Unmount NetApp Cluster Volume

Summary

Unmounts the the volume from the junction path

Description

This task will remove junction path for this volume

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Choose the volume to be unmounted from a junction path	netappClusterVolumeIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_VOLUME_IDENTITY	Identity of the cluster Volume	netappClusterVolumeIdentity



Network Services Tasks

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- [Configure DHCP](#), on page 2754
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Add Account

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Enter the name of the bare metal agent account	gen_text_input	Y
Description	Enter the description of the bare metal agent account		
Bare Metal Agent uses different interfaces for management and PXE traffic	Check if the bare metal agent uses different network interfaces for management and PXE traffic		
Management Address	Enter the management network IP address for the bare metal agent	gen_text_input	Y
PXE Interface Address	Enter the PXE network IP address for the bare metal agent		Y
Login ID	Enter the user name for the bare metal agent	gen_text_input	Y
Password	Enter the password for the bare metal agent	password	Y
Enable Samba service for Windows PXE	Samba service is used for Windows PXE boot. Check if you want to use bare metal agent for Windows installation.		
Samba Password	Enter the password for the Samba service	password	
Confirm Samba Password	Confirm the password for the Samba service	password	
Location	Enter the location of the bare metal agent, such as a physical location		
Set As Default Bare Metal Agent	Check if the bare metal agent needs to be set as the default BMA		
Start Bare Metal Agent services after adding Account	Check if you want to start bare metal agent services after adding the account		
Database Address	Choose the IP address of the inventory database node if you are configuring the bare metal agent for the Cisco UCS Director multi-node deployment	UCSDIPAddress List	Y

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent

BMA OS Image Provision

Summary

Provision OS image item in BMA.

Description

This task allows you to provision the OS image item in Bare Metal Agent. The OS image available in the OS image repository of the selected Bare Metal Agent can be provisioned. Upon successful image provisioning, the image template files, such as the PXE configuration and kick start files, are available in the Bare Metal Agent. The provisioned image, configuration files can be used to PXE boot the bare metal.

Inputs

Input	Description	Mappable To Type	Mandatory
Select BMA Account	Choose the bare metal agent account to provision the OS image	bare_metal_agent	Y
OS Image Name	Choose the OS image from the uploaded OS images list. OS image is used to provision the catalog.	gen_text_input	Y
OS Type	Choose the OS type of the image selected	bmaProvisionOsTypeList Provider	Y
Catalog Name	Enter the catalog name to be used for the current provisioned image	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent
OUTPUT_OS_IMAGE_PATH	OS Image Path in BMA's OS image repository	bare_metal_agent
OUTPUT_OS_CATALOG_NAME	Catalog name as provision in BMA.	gen_text_input

BMA OS Image Upload

Summary

Upload OS image to BMA.

Description

This task allows you to upload the OS image to Bare Metal Agent. OS image can be uploaded to the Bare Metal Agent from a local file or from a webserver location. Upon successful image upload, the image is available for provisioning. If the image file with the same image name and OS type already exists or if the connection to web server is not accessible, the image upload fails.

Inputs

Input	Description	Mappable To Type	Mandatory
Select BMA Account	Choose the bare metal agent account	bare_metal_agent	Y
OS Image Label	Enter the name of the OS image	gen_text_input	Y
OS Type	Choose the OS type of the image	bmaOsTypeList Provider	Y
OS Image Upload Type	Choose the type of upload from the options. For example: DESKTOP FILE / WEB SERVER PATH. Use the desktop file option to upload the file from the local disk. Use the webserver path option to specify the web server path where the ISO images are stored.	gen_text_input	
HTTP/HTTP(s) URL	Enter the HTTP or HTTPS URL of the OS image if the upload type is WEB SERVER PATH. For example: http://centos.mirror.net.in/centos/7/isos/x86_64/CentOS-7-xyz.iso.	gen_text_input	
Local File Location	Local file Location of the OS Image	gen_text_input	
Checksum(MD5)	Checksum of the file to be checked. MD5 checksum.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent
OUTPUT_OS_IMAGE_PATH	OS Image Path in BMA's OS image repository	bare_metal_agent

Configure DHCP

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select BMA Account	Choose the bare metal agent to the configure DHCP service	bare_metal_agent	Y
DHCP Subnet	Enter the DHCP subnet in IPv4 address format to configure the DHCP. For example: 192.168.1.0		Y
DHCP Netmask	Enter the DHCP net mask. For example: 255.255.255.0		Y
DHCP Start IP	Enter the DHCP start IP address range in IPv4 address format. For example: 192.168.1.2		Y
DHCP End IP	Enter the DHCP end IP address range in IPv4 address format. For example: 192.168.1.252		Y
Router IP Address	Enter the router IP address in IPv4 address format. For example: 192.168.1.1		

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent

Configure Interface

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Bare Metal Agent Account	Choose the bare metal agent account to configure the network interface	bare_metal_agent	Y
Interface Name	Enter the network interface name		Y
IP Address	Enter the network interface IP address in IPv4 address format		Y
Subnet Mask	Enter the network interface subnet mask		Y

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent

DNS name to IP Resolver

Summary

Resolve a DNS name to an IP Address.

Description

This task queries the DNS server for the IP address of a given domain name. The task caches the resolved IP. By default, to protect against DNS spoofing attacks, the cache never refreshes. If the IP address is changed on the DNS server, the task provides the old (now incorrect) IP. The task can be forced to refresh the cache by configuring the cache time. The cache time is configured by setting a property in the Java security properties file. Warning: Changing Java security properties has serious security implications. Do not change this property unless you are sure that your network is safe from DNS spoofing attacks. To change the property:

1. In the `/opt/bin/jre/lib/security/java.security` file, find the property `networkaddress.cache.ttl`.
2. Uncomment the line that sets the `networkaddress.cache.ttl` property.
3. Set `networkaddress.cache.ttl` to the number of seconds to cache an address for. A value of 60 to 600 or higher is recommended.
4. Restart UCSD services.

Inputs

Input	Description	Mappable To Type	Mandatory
DNS Name	Enter the DNS name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_DNS_NAME	Host DNS Name	gen_text_input
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input

IP Address to DNS name Resolver

Summary

Resolve an IP Address to a DNS name.

Description

This task queries the DNS server for the domain name of a specified IP address.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Enter the IP address in IPv4 address format	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_DNS_NAME	Host DNS Name	gen_text_input
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input

Monitor PXE Boot

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
PXE Request ID	Enter the PXE request ID to be monitored for completion	gen_text_input	Y
Max Wait time (Hours)	Choose the maximum wait time in hours		Y

Outputs

No Outputs

Remove PXE Boot Setup

Summary

Remove a PXE boot setup.

Description

This task releases the setup used for PXE Boot for a selected PXE boot ID.

Inputs

Input	Description	Mappable To Type	Mandatory
PXE Boot Id	Enter the PXE Boot ID	gen_text_input	Y
Clean this IP Address in All other PXE Requests	Check this option to clean up the IP Address used in this PXE request from all other PXE requests	Boolean	

Outputs

No Outputs

Service Status

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select Bare Metal Agent Account	Choose the bare metal agent account	bare_metal_agent	Y

Outputs

Output	Description	Type
OUTPUT_BMA_ID	BMA ID that was created while adding BMA Account	bare_metal_agent

Setup PXE Boot

Summary

Set up PXE boot request parameters.

Description

This task specifies PXE boot request parameters such as OS Type, Host Name, Server IP Address Range, MAC Address, NetMask, Gateway, Name Server, Password, and Time Zone. Output of this task is the PXE Request ID.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the network boot manager	NetworkBootManagerList	
OS Type	Choose the OS to be installed	gen_text_input	Y
Server MAC Address	Enter the MAC addresses of the server as a comma-separated list of MAC addresses	gen_text_input	Y
IP configuration type	Choose the type of IP configuration. For example: Static or DHCP.	IPConfigType	
Server Address	Enter the IP address range of the server. For example: 192.168.0.1-192.168.0.255,192.168.1.20	gen_text_input	Y
Server Net Mask	Enter the server net mask	gen_text_input	Y
Server Host Name	Enter the server hostname	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Server Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
Root Password	Enter the root password	password	Y
Timezone	Choose the time zone	gen_text_input	Y
Additional Parameters	Enter additional parameters to customize the answer files. The Additional Parameters table takes the key-value pair of each additional parameter.		

Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID	PXE Boot ID that was created for setup pxe boot request	gen_text_input
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input

Setup PXE Boot With BMA Selection

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the network boot manager	NetworkBootManagerList	
Target BMA	Choose the bare metal agent account	gen_text_input	
OS Type	Choose the OS to be installed	gen_text_input	Y
Server MAC Address	Enter the MAC addresses of the server as a comma-separated list of MAC address	gen_text_input	Y
IP configuration type	Choose the type of IP configuration. For example: Static or DHCP.	IPConfigType	
Server Address	Enter the IP address range of the server. For example: 192.168.0.1-192.168.0.255,192.168.1.20.	gen_text_input	Y
Server Net Mask	Enter the server net mask	gen_text_input	Y
Server Host Name	Enter the server hostname	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Server Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
Root Password	Enter the root password	password	Y
Timezone	Choose the time zone	gen_text_input	Y
Additional Parameters	Enter additional parameters to customize the answer files. The Additional Parameters table takes the key-value pair of each additional parameter.		

Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID	PXE Boot ID that was created for setup pxe boot request	gen_text_input
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input

Setup PXE Boot for Virtual SAN

Summary

Setup PXE Boot for Virtual SAN.

Description

This task allows you to Setup PXE Boot for Virtual SAN.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the network boot manager	NetworkBootManagerList	
Target BMA	Choose the bare metal agent account	BMA	
OS Type	Choose the OS to be installed	OSType	Y
Server MAC Address	Enter the MAC addresses of the server as a comma separated list of MAC addresses	gen_text_input	Y
IP configuration type	Choose the type of IP configuration. For example: Static or DHCP.	IPConfigType	
Server Address	Enter the IP address range of the server. For example: 192.168.0.1-192.168.0.255,192.168.1.20.	gen_text_input	Y
Server Net Mask	Enter the server net mask	gen_text_input	Y
Server Host Name	Enter the server hostname	gen_text_input	Y
Server Gateway	Enter the server gateway	gen_text_input	Y
Server Name Server	Enter the name server	gen_text_input	
Management VLAN	Enter the management VLAN	gen_text_input	
Root Password	Enter the root password	password	Y
Timezone	Choose the time zone	Timezone	Y
Additional Parameters	Enter additional parameters to customize the answer files. The Additional Parameters table takes the key-value pair of each additional parameter.		
ESXi Boot Order	Choose the ESXi boot order	ESXiBootOrder	
Server Model	Enter the server model	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID	PXE Boot ID that was created for setup pxe boot request	gen_text_input

Output	Description	Type
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input

Setup Windows PXE Boot

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Network Boot Manager	Choose the network boot manager	NetworkBootManager List	
Target BMA	Choose the bare metal agent account	gen_text_input	
OS Type	Choose the OS to be installed	gen_text_input	Y
Server MAC Address	Enter the MAC addresses of the server as a comma separated list of MAC addresses	gen_text_input	Y
OS Flavor Name	Enter the OS flavor name	gen_text_input	Y
Organization Name	Enter the organization name	gen_text_input	Y
Product Key	Choose the product key for Windows	baremetal_windows_ license_pool	Y
Host Name	Enter the server host name	gen_text_input	Y
Administrator Password	Enter the administrator password	gen_text_input	Y
Confirm Password	Enter the administrator password for confirmation	gen_text_input	Y
IP configuration type	Choose the type of IP configuration. For example: Static or DHCP.	IPConfigType	
Server Address	Enter the IP address range of the server. For example: 192.168.0.1-192.168.0.255,192.168.1.20.	gen_text_input	
Server Net Mask	Enter the server net mask	gen_text_input	
Server Gateway	Enter the server gateway	gen_text_input	
Server Name Server	Enter the name server	gen_text_input	
Timezone	Choose the time zone	gen_text_input	Y
Disk Partition Size (GB)	Enter the disk partition size in GB	gen_text_input	Y
Additional Parameters	Enter additional parameters to customize the answer files. The Additional Parameters table takes the key-value pair of each additional parameter.		

Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID	PXE Boot ID that was created for setup pxe boot request	gen_text_input
OUTPUT_HOST_IP_ADDRESS	Host IP Address resolved by the Setup PXE task.	gen_text_input



Obsoleted Tasks

This chapter contains the following sections:

- [Add UCS VLAN - RG, on page 2768](#)
- [Configure Context NAT, on page 2770](#)
- [Configure NAT, on page 2771](#)
- [Manage VMware Resource Allocation, on page 2772](#)
- [VMware Provision Inputs, on page 2774](#)

Add UCS VLAN - RG

Summary

Add a VLAN to UCS and its managed objects for resource groups.

Description

This task for resource groups adds a VLAN to UCS Manager and to its managed objects. If the user selects only physical infrastructure, the VLAN is added to the UCS Manager only. If the user selects virtual infrastructure, the VLAN is added to all the service profiles, service profile templates, and vNIC templates for the selected organization. Output of this task is the VLAN id, VLAN name and the objects that are affected.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter VLAN Name .UCSAnnotation Constants.ANNOTATION_NAME_32_CHAR	gen_text_input	Y
Account Name	Choose Account Name	ucsAccountName	Y
Physical Infrastructure	Check Physical Infrastructure		
VLAN Type	Choose VLAN Type	ucsVlanTypeProvider	
VLAN ID(Common/Global)	Enter VLAN ID(Common/Global) . UCSAnnotationConstants.ANNOTATION_VLAN_ID	vlanID	Y
VLAN ID (Fabric A)	Enter VLAN ID (Fabric A) . UCSAnnotationConstants.ANNOTATION_VLAN_ID	vlanID	Y
VLAN ID (Fabric B)	Enter VLAN ID (Fabric B) . UCSAnnotationConstants.ANNOTATION_VLAN_ID	vlanID	Y
VLAN A	VLAN A		
VLAN ID A(Both Fabrics Configured Differently)	Enter VLAN ID A(Both Fabrics Configured Differently) .UCSAnnotation Constants.ANNOTATION_VLAN_ID	vlanID	Y
Sharing	Choose Sharing	ucsVlanSharingType Provider	Y
Primary VLAN	Choose Primary VLAN		
VLAN B	VLAN B		
VLAN ID B(Both Fabrics Configured Differently)	Enter VLAN ID B(Both Fabrics Configured Differently) .UCSAnnotation Constants.ANNOTATION_VLAN_ID	vlanID	Y
Sharing	Choose Sharing	ucsVlanSharingType Provider	Y
Primary VLAN	Choose Primary VLAN		

Input	Description	Mappable To Type	Mandatory
Virtual Infrastructure	Check Virtual Infrastructure		
Organizations	Choose one or more Organizations	ucsMultiOrganization Identity	Y
Service Profiles	Choose one or more Service Profiles	ucsMultiService ProfileIdentity	Y
Service Profiles Templates	Choose one or more Service Profiles Templates	ucsMultiService ProfileTemplate Identity	Y
vNIC Templates	Choose one or more vNIC Templates	UcsMulti VNICTemplate Identity	Y

Outputs

Output	Description	Type
OUTPUT_VLAN_ID1	VLAN ID	vlanID
OUTPUT_VLAN_ID2	VLAN ID	vlanID
OUTPUT_VLAN_IDENTITY1	VLAN IDENTITY	ucsVlanIdentity
OUTPUT_VLAN_IDENTITY2	VLAN IDENTITY	ucsVlanIdentity

Configure Context NAT

Summary

Configure NAT and PAT for the security context of a PIX ASA.

Description

This task configures the NAT and PAT for the security context of a private internet exchange (PIX) adaptive security appliance (ASA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Context Name	Security Context Name	networking_security_context_name	Y
Protocol	Specify protocol for the rule	NATDeviceProtocolIdentity	
Mapped Interface Name	Interface Name to be mapped	ASAInterfaceIdentity	Y
Mapped IP Address	IP Address to be mapped for the NAT	ASAInterfaceIdentity	Y
Mapped Port	Port to be Mapped	gen_text_input	Y
Real Interface Name	Real Interface Name	ASAInterfaceIdentity	Y
Real IP Address	The real IP Address to be NATed	ASAInterfaceIdentity	Y
Real Port	Actual Port to be Nated	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_ASA_DEVICE_WITH_CONTEXT_IDENTITY	ASA Device Identity	NETWORKING_ASA_DEVICE

Configure NAT

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Select Device	Select Device	networking_device	Y
Real Source	The object name for real source	NATSourceOrDestination Identity	Y
Mapped Source	The object name for mapped source	NATSourceOrDestination Identity	Y
Real Destination	The object name for real destination	NATSourceOrDestination Identity	Y
Mapped Destination	The object name for mapped destination	NATSourceOrDestination Identity	Y

Outputs

Output	Description	Type
DATACENTER	Name of the Datacenter on which the selected operation was performed	datacenterName
DEVICE_IP	IP address of the device on which the selected operation was performed	gen_text_input
OUTPUT_NETWORKING_DEVICE	Network device on which selected operation performed.	networking_device

Manage VMware Resource Allocation

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
VM Deployment Options	Select Deployment options to perform the action	vmCloneType	Y
Select Catalog	Select Catalog on which to perform the action	catalog	Y
Select VM	Select the VM to retrieve the properties	vm	Y
Use Linked Clone	Clone VM using linked clone feature		
Category	Select a vDC Category	vdcCategoryType	Y
Select vDC	Select vDC on which to perform the action	vDC	Y

Outputs

Output	Description	Type
ALLOCATED_HOST	Name of the allocated host on which selected operation was performed	gen_text_input
ALLOCATED_DATASTORE	Name of the allocated Datastore on which selected operation was performed	gen_text_input
ALLOCATED_CLUSTER	Name of the allocated Cluster on which selected operation was performed	gen_text_input
ALLOCATED_RESOURCEPOOL	Name of the allocated ResourcePool on which selected operation was performed	gen_text_input
ALT_ALLOCATED_HOST	Name of the alternative allocated host on which selected operation was performed	gen_text_input
ALT_ALLOCATED_DATASTORE	Name of the alternative allocated datastore on which selected operation was performed	gen_text_input
ALT_ALLOCATED_CLUSTER	Name of the alternative allocated Cluster on which selected operation was performed	gen_text_input
ALT_ALLOCATED_RESOURCEPOOL	Name of the alternative allocated ResourcePool on which selected operation was performed	gen_text_input
ALLOCATED_IP_ADDRESS	IP Address of the allocated host on which selected operation was performed	gen_text_input
ALLOCATED_IP_ADDRESS_TYPE	IP Address type of the allocated host on which selected operation was performed	gen_text_input

Output	Description	Type
ALLOCATED_ADDNL_DATASTORE	Name of the allocated additional Datastore on which selected operation was performed	gen_text_input
ALT_ALLOCATED_ADDNL_DATASTORE	Name of the alternative allocated additional Datastore on which selected operation was performed	gen_text_input
ALLOCATED_ADDNL_VNIC_IP	IP Address of the additional vNICs on the host	gen_text_input
ALLOCATED_ADDNL_VNIC_IPv6	IPv6 Address of the additional vNICs on the host	gen_text_input
OUTPUT_VM_CLONE_TYPE	VM Clone Type	vmCloneType
OUTPUT_VDC_CATEGORY_TYPE	VDC Category Type	vdcCategoryType
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_CATALOG_ID	ID of the Catalog on which the selected operation was performed	catalog
OUTPUT_VDC	ID of the VDC on which the selected operation was performed	vDC
USE_LINKED_CLONE	CLONE VM USING LINKED CLONE	gen_text_input
SNAPSHOT_KEY	Snapshot Key of Selected VM which is used for Linked Clone	VMWareAll Snapshots
SNAPSHOT_NAME	Snapshot Name of Selected VM which is used for Linked Clone	gen_text_input
SNAPSHOT_TYPE	Snapshot Type selected for Linked Clone	gen_text_input

VMware Provision Inputs

Summary

Identify VM inputs.

Description

This task identifies inputs for provisioning a VM. This task is marked as obsolete.

Inputs

Input	Description	Mappable To Type	Mandatory
Assign To User	Choosing this option will allow VM assignment to user	assignToUser	
User	VM will be assigned to this user	cuic_user_ID	
Catalog/ VM Selection	Catalog/ VM Selection		
VM Deployment Options	Select Deployment options to perform the action	vmCloneType	Y
Select Catalog	Select Catalog on which to perform the action	catalog	
Select VM	Select the VM to retrieve the properties	vm	
Use Linked Clone	Clone VM using linked clone feature	gen_text_input	
Customization Options	Customization Options		
Select Category	Select a vDC Category	vdcCategory	
Select Windows License Pool	Select Windows License Pool	windowsLicensePool	
Select Credential Options	Select Credential Options	credentialOptions	
Provision all disks in single datastore	Provision all disks in single datastore, the scope will be same as system disk scope	provisionAllDiskInSameDatastore	
Enable Guest Customization	Enable Guest Customization	EnableGuestCustomization	
Select Workflow	Select Custom Workflow	customActionWorkflow	
Select VM App Charge Frequency	Select VM App Charge Frequency	vmApplicationChargeFrequency	
Active VM Application Cost	Enter Active VM Application Cost	gen_text_input	
Inactive VM Application Cost	Enter In Active VM Application Cost	gen_text_input	
Deployment Options	Deployment Options		

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC on which to perform the action	vDC	Y
VM Name or VM Prefix	Enter VM Name or VM Prefix	gen_text_input	
Comment	Enter Comment	gen_text_input	
Provision	Enter Comment	provisionPeriod	
	Provision Time	date_time	
Lease Time	Enter Comment	VMwarePowerOffVM	
Days	Enter Days	gen_text_input	
Hours	Enter Hours	gen_text_input	
Custom Specification	Custom Specification		
CPU Cores	CPU Cores	vCPUCount	
Memory	Memory	memSizeMB	
Hard Disk 1	Disk	diskSizeGB	
Storage Tier	Storage Tier	storageTierPolicy	
VM Charge Frequency	Select the frequency of charging the VM	vmChargeFrequency	
Disk Datastores	Disk Datastores		
VM Disks	Enter Disk Datastores	gen_text_input	
Optional NIC Portgroups	Disk Datastores		
VM Networks	Enter NIC Port Groups	gen_text_input	
Override NIC IP		networkPolicy NICIPOverride	

Outputs

Output	Description	Type
OUTPUT_VDC_PRIMARY_APPROVERS	vDC Primary Approvers	cuic_user_ID
OUTPUT_VDC_SECONDARY_APPROVERS	vDC Secondary Approvers	cuic_user_ID
APPROVAL_REQUIRED_FROM_ALL_USERS	Approval required from all users	ApprovalRequiredFromAllUsers



PNSC Tasks

This chapter contains the following sections:

- [Add ACL Policy Rules, on page 2779](#)
- [Add ACL Policy Set, on page 2783](#)
- [Add ACL Policy for Cisco VNMC, on page 2784](#)
- [Add App, on page 2785](#)
- [Add Cisco PNSC Zone, on page 2786](#)
- [Add Compute Firewall, on page 2787](#)
- [Add Compute Security Profile, on page 2788](#)
- [Add Tenant, on page 2789](#)
- [Add Tier, on page 2790](#)
- [Add Zone Conditions, on page 2791](#)
- [Add vDC, on page 2793](#)
- [Assign VSG To Compute Firewall, on page 2795](#)
- [Bind Compute Firewall To Nexus 1K, on page 2796](#)
- [Bind Compute Security Profile To Nexus Port Profile, on page 2797](#)
- [DeProvision PNSC Policies, on page 2798](#)
- [Delete ACL Policy, on page 2799](#)
- [Delete ACL Policy Rules, on page 2800](#)
- [Delete App, on page 2801](#)
- [Delete Cisco VNMC ACL Policy Set, on page 2802](#)
- [Delete Compute Firewall, on page 2803](#)
- [Delete Compute Security Profile, on page 2804](#)
- [Delete Tenant, on page 2805](#)
- [Delete Tier, on page 2806](#)
- [Delete Zone, on page 2807](#)
- [Delete Zone Conditions, on page 2808](#)
- [Delete vDC, on page 2809](#)
- [Deploy VSG, on page 2810](#)
- [Deprovision Container VSG Network, on page 2811](#)
- [Provision Container VSG Network, on page 2812](#)
- [Provision PNSC Policies, on page 2813](#)
- [Unassign VSG From Compute Firewall, on page 2814](#)
- [Unbind Compute Firewall From Nexus 1K, on page 2815](#)

- [Unbind Compute Security Profile From Nexus Port Profile, on page 2816](#)
- [Undeploy Container VSG, on page 2817](#)

Add ACL Policy Rules

Summary

Add ACL Policy Rules to an ACL Policy.

Description

This task add Rules to an ACL Policy. It allows to add maximum of 3 Rules to a ACL Policy at a time. In order to add more rules, user has to create a new "Add ACL Policy Rules" task.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Acl Policy	Choose acl policy to create policy rule	PNSCAclPolicyId	Y
Rule 1 - Name	Enter Rule 1 Name	gen_text_input	Y
Rule 1 - Description	Enter Rule 1 Description	gen_text_input	
Rule 1 - Action	Select an action to perform on the matching traffic	PNSCAclRuleActionType LovList	Y
Rule 1 - Condition Match Criteria			
Rule 1 - Protocol/Service			
Rule 1 - Any Protocol	Enable Protocol to set rule or default it is set to any		Y
Rule 1 - Protocol Operator	Select operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 1 - Protocol	Select one of the Internet Protocol Types	PNSCAclRuleProtocol TypeLov	Y
Rule 1 - Service Operator	Select Service Operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 1 - Service Protocol	Select Service Protocol		Y
Rule 1 - Service	Select Service		Y
Rule 1 - ServicePort	Select Port		Y
Any	Allow any as a source condition		Y
Rule 1 - Source Condition Attribute Type	Select Attribute Type	PNSCAclRuleCondition AttributeTypeLov	
Rule 1 - Source Condition Attribute Name	Select Attribute Name	PnscAclRuleCondition AttributeNameLov	
Rule 1 - Source Condition Operator	Select Operator	PnscAclRuleCondition OperatorLov	
Rule 1 - Source Condition Attribute Value	Select Attribute Value	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Rule 1 - Source Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvail ZoneId	
Any	Allow any as a destination condition		Y
Rule 1 - Destination Condition Attribute Type	Select Attribute Type	PNSCAclRuleCondition AttributeTypeLov	
Rule 1 - Destination Condition Attribute Name	Select Attribute Name	PnscAclRuleCondition AttributeNameLov	
Rule 1 - Destination Condition Operator	Select Operator	PnscAclRuleCondition OperatorLov	Y
Rule 1 - Destination Condition Attribute Value	Select Attribute Value	gen_text_input	
Rule 1 - Destination Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvail ZoneId	
Add Rule 2	Select this option to add rule 2		
Rule 2 - Name	Enter Rule 2 Name	gen_text_input	Y
Rule 2 - Description	Enter Rule 2 Description	gen_text_input	
Rule 2 - Action	Select an action to perform on the matching traffic	PNSCAclRuleActionType LovList	Y
Rule 2 - Condition Match Criteria			
Rule 2 - Protocol/Service			
Rule 2 - Any Protocol	Enable Protocol to set rule or default it is set to any		Y
Rule 2 - Protocol Operator	Select operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 2 - Protocol	Select one of the Internet Protocol Types	PNSCAclRuleProtocol TypeLov	Y
Rule 2 - Service Operator	Select Service Operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 2 - Service Protocol	Select Service Protocol		Y
Rule 2 - Service	Select Service		Y
Rule 2 - ServicePort	Select Port		Y
Any	Allow any as a source condition		Y
Rule 2 - Source Condition Attribute Type	Select Attribute Type	PNSCAclRuleCondition AttributeTypeLov	

Input	Description	Mappable To Type	Mandatory
Rule 2 - Source Condition Attribute Name	Select Attribute Name	PnscAclRuleCondition AttributeNameLov	
Rule 2 - Source Condition Operator	Select Operator	PnscAclRuleCondition OperatorLov	
Rule 2 - Source Condition Attribute Value	Select Attribute Value	gen_text_input	
Rule 2 - Source Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvail ZoneId	
Any	Allow any as a destination condition		Y
Rule 2 - Destination Condition Attribute Type	Select Attribute Type	PNSCAclRuleCondition AttributeTypeLov	
Rule 2 - Destination Condition Attribute Name	Select Attribute Name	PnscAclRuleCondition AttributeNameLov	
Rule 2 - Destination Condition Operator	Select Operator	PnscAclRuleCondition OperatorLov	
Rule 2 - Destination Condition Attribute Value	Select Attribute Value	gen_text_input	
Rule 2 - Destination Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvail ZoneId	
Add Rule 3	Select this option to add rule 3		
Rule 3 - Name	Enter Rule 3 Name	gen_text_input	Y
Rule 3 - Description	Enter Rule 3 Description	gen_text_input	
Rule 3 - Action	Select an action to perform on the matching traffic	PNSCAclRuleActionType LovList	Y
Rule 3 - Condition Match Criteria			
Rule 3 - Protocol/Service			
Rule 3 - Any Protocol	Enable Protocol to set rule or default it is set to any		Y
Rule 3 - Protocol Operator	Select operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 3 - Protocol	Select one of the Internet Protocol Types	PNSCAclRuleProtocol TypeLov	Y
Rule 3 - Service Operator	Select Service Operator	PNSCAclRuleProtocol OperatorTypeLov	Y
Rule 3 - Service Protocol	Select Service Protocol		Y
Rule 3 - Service	Select Service		Y

Input	Description	Mappable To Type	Mandatory
Rule 3 - ServicePort	Select Port		Y
Any	Allow any as a source condition		Y
Rule 3 - Source Condition Attribute Type	Select Attribute Type	PNSCAclRuleConditionAttributeTypeLov	
Rule 3 - Source Condition Attribute Name	Select Attribute Name	PnscAclRuleConditionAttributeNameLov	
Rule 3 - Source Condition Operator	Select Operator	PnscAclRuleConditionOperatorLov	
Rule 3 - Source Condition Attribute Value	Select Attribute Value	gen_text_input	
Rule 3 - Source Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvailZoneId	
Any	Allow any as a source condition		Y
Rule 3 - Destination Condition Attribute Type	Select Attribute Type	PNSCAclRuleConditionAttributeTypeLov	
Rule 3 - Destination Condition Attribute Name	Select Attribute Name	PnscAclRuleConditionAttributeNameLov	
Rule 3 - Destination Condition Operator	Select Operator	PnscAclRuleConditionOperatorLov	
Rule 3 - Destination Condition Attribute Value	Select Attribute Value	gen_text_input	
Rule 3 - Destination Condition Zone Attribute Value	Select Attribute Value	PNSCPolicyRuleAvailZoneId	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_ACL_POLICY_ID	ACL Policy Identity	PNSCAclPolicyId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add ACL Policy Set

Summary

Add ACL Policy Set to a PNSC tenant, vDC, App or Tier.

Description

This task adds an ACL Policy set to a PNSC logical component (Tenant, vDC, App or Tier). User can select multiple ACL Policies to create a new ACL Policy Set.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Logical Component	Choose tenant, vDC, App or Tier to create acl policy set	PNSCComponentId	Y
Acl Policy Set Name	Enter acl policy set Name	gen_text_input	Y
Acl Policy Set Description	Enter acl policy set description	gen_text_input	
Acl Policies	Select acl policies to create a policy set	PnscPolicySetAvailPolicyListId	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_ACL_POLICY_SET_ID	Acl Policy Set Identity	PNSCAclPolicySetId
OUTPUT_SECURITY_PROFILE_AVAIL_POLICY_SET_ID	Compute Security Profile Available Policy Set Identity	PnscCSPAvailPolicySetListId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add ACL Policy for Cisco VNMC

Summary

Add ACL Policy to a PNSC Tenant, vDC, App or Tier.

Description

This task adds a ACL Policy to a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Logical Component	Choose tenant, vDC, App or Tier to create acl policy	PNSCComponentId	Y
ACL Policy Name	Enter ACL Policy Name	gen_text_input	Y
Description	Enter ACL Policy Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_ACL_POLICY_ID	ACL Policy Identity	PNSCAclPolicyId
OUTPUT_POLICYSET_AVAIL_POLICY_ID	ACL Policy Set Available Policy Identity	PnscPolicySetAvailPolicyListId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add App

Summary

Add an Application to a Virtual Data Center.

Description

This task adds an application to a selected vDC of a PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Datacenter Name	Choose vDC to create Application	PNSCvDCId	Y
Name	Enter Application Name	gen_text_input	Y
Description	Enter Application Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_APP_ID	Application Identity	PNSCAppId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Cisco PNSC Zone

Summary

Add zone to a PNSC Tenant, vDC, App or Tier.

Description

This task adds a zone to a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Logical Component	Choose tenant, vDC, App or Tier to create zone	PNSCComponentId	Y
Zone Name	Enter Zone Name	gen_text_input	Y
Zone Description	Enter Zone Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_ZONE_ID	Zone Identity	PNSCZoneId
OUTPUT_POLICY_RULE_AVAIL_ZONE_ID	ACL Policy Rule Available Zone List	PNSCPolicyRuleAvailZoneId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Compute Firewall

Summary

Add Compute Firewall to a PNSC tenant, vDC, App or Tier.

Description

This task adds a Compute Firewall to a PNSC logical component (Tenant, vDC, App or Tier). User can provide the hostname, ip address and subnet mask for the compute firewall while creating a compute firewall.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Logical Component	Choose tenant, vDC, App or Tier to create acl policy set	PNSCComponentId	Y
Compute Firewall Name	Enter compute firewall name	gen_text_input	Y
Compute Firewall Description	Enter compute firewall description	gen_text_input	
Device profile	Select device profile for the compute firewall	PnscDeviceProfileTable	Y
Management Hostname	Management hostname for Compute firewall	gen_text_input	Y
Data IP Address	Data IP Address	gen_text_input	Y
Data IP Subnet	Data IP Subnet	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_COMPUTE_FIREWALL_ID	Compute Firewall Identity	PNSCComputeFirewallId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Compute Security Profile

Summary

Add Compute Security Profile to a PNSC tenant, vDC, App or Tier.

Description

This task adds a Compute Security Profile to a PNSC logical component (Tenant, vDC, App or Tier). User can select an ACL Policy Set to create a new Compute Security Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Logical Component	Choose tenant, vDC, App or Tier to create acl policy set	PNSCComponentId	Y
Compute Security Profile Name	Enter compute security profile name	gen_text_input	Y
Compute Security Profile Description	Enter compute security profile description	gen_text_input	
Acl Policy set	Select acl policy set to create a compute security profile	PnscCSPAvailPolicySet ListId	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_COMPUTE_SECURITY_PROFILE_ID	Compute Security Profile Identity	PNSCComputeSecurity ProfileId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Tenant

Summary

Add Tenant to a PNSC account.

Description

This task adds a tenant to a selected PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Account	Select PNSC Account	PNSCAccountNames	Y
Name	Enter Tenant Name	gen_text_input	Y
Description	Enter Tenant Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_TENANT_ID	Tenant Identity	PNSCTenantId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Tier

Summary

Add Tier to an Application.

Description

This task adds a Tier to a selected application (logical component) of a PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
Application Name	Choose application to create Tier	PNSCAppId	Y
Name	Enter Tier Name	gen_text_input	Y
Description	Enter Tier Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_TIER_ID	Tier Identity	PNSCTierId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add Zone Conditions

Summary

Add zone conditions to a zone.

Description

This task add zone conditions to a zone. It allows to add a maximum of 4 zone conditions at a time. In order to add more zone conditions, user has to create a new "Add Zone Conditions" task.

Inputs

Input	Description	Mappable To Type	Mandatory
PNSC Zone	Choose zone to create zone conditions	PnscZoneId	Y
Zone Condition 1 - Attribute Type	Select Attribute Type	PnscZoneConditionAttributeTypeLov	Y
Zone Condition 1 - Attribute Name	Select Attribute Name	PnscZoneConditionAttributeNameLov	Y
Zone Condition 1 - Operator	Select Operator	PnscZoneConditionOperatorLovList	Y
Zone Condition 1 - Attribute Value	Select Attribute Value	gen_text_input	
Add Zone Condition 2	Select this option to add Zone Condition 2		
Zone Condition 2 - Attribute Type	Select Attribute Type	PnscZoneConditionAttributeTypeLov	Y
Zone Condition 2 - Attribute Name	Select Attribute Name	PnscZoneConditionAttributeNameLov	Y
Zone Condition 2 - Operator	Select Operator	PnscZoneConditionOperatorLovList	Y
Zone Condition 2 - Attribute Value	Select Attribute Value	gen_text_input	
Add Zone Condition 3	Select this option to add Zone Condition 3		
Zone Condition 3 - Attribute Type	Select Attribute Type	PnscZoneConditionAttributeTypeLov	Y
Zone Condition 3 - Attribute Name	Select Attribute Name	PnscZoneConditionAttributeNameLov	Y
Zone Condition 3 - Operator	Select Operator	PnscZoneConditionOperatorLovList	Y
Zone Condition 3 - Attribute Value	Select Attribute Value	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Add Zone Condition 4	Select this option to add Zone Condition 4		
Zone Condition 4 - Attribute Type	Select Attribute Type	PnscZoneConditionAttributeTypeLov	Y
Zone Condition 4 - Attribute Name	Select Attribute Name	PnscZoneConditionAttributeNameLov	Y
Zone Condition 4 - Operator	Select Operator	PnscZoneConditionOperatorLovList	Y
Zone Condition 4 - Attribute Value	Select Attribute Value	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_ZONE_ID	Zone Identity	PNSCZoneId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Add vDC

Summary

Create a vDC.

Description

This task creates a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements. Use this task to create a vDC as part of workflow

Inputs

Input	Description	Mappable To Type	Mandatory
Account Type	Provide an account type	gen_text_input	Y
vDC Name	Enter a vDC name	gen_text_input	Y
vDC Locked	Check to enable vDC Locked. The default value is unchecked.	Boolean	
vDC Description	Enter a vDC description	gen_text_input	
User Group ID	Provide a user group ID	userGroup	Y
Cloud Name	Provide a cloud name	gen_text_input	Y
First Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
First Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
First Level User Approval(s)	Provide one or more first level user approvals	cuic_multi_user_ID	
Second Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
Second Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
Second Level User Approval(s)	Provide one or more second level user approvals	cuic_multi_user_ID	
Approval required from All users	Check to enable requiring approval of all users. The default value is unchecked.	Boolean	
Number of Approval Request Reminders	Enter the number of approval request reminders	Boolean	Y
Reminder Intervals	Enter the reminder interval	Boolean	Y

Input	Description	Mappable To Type	Mandatory
Provider Support Email Address	Enter a provider support email address	gen_text_input	
Copy Notification to mail Address	Enter a copy notification to mail address	gen_text_input	
Computing Policy	Provide a computing policy	gen_text_input	Y
Network Policy	Provide a network policy	gen_text_input	Y
Storage Policy	Provide a storage policy	gen_text_input	Y
ISO Image Mapping Policy	Provide an ISO image mapping policy	gen_text_input	
Cost Model	Provide a cost model	CostModelListPopup	
Disable displaying cost in the SR Summary	Check to disable displaying cost in the SR summary. The default value is unchecked.	gen_text_input	
User Action Policy	Provide a user action policy	UserActionPolicy PopUp	
Vm Mangement Policy	Provide a VM management policy	VmManagement PolicyPopUp	
End user Self-service Policy	Provide an end user self-service policy	gen_text_input	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDCTabularReport Identity
VDC_NAME	VDC NAME	gen_text_input
VDC_CLOUD_NAME	Cloud Name	gen_text_input
VDC_STORAGE_POLICY	Storage Policy	vdcPolicy
VDC_SYSTEM_POLICY	System Policy	vdcPolicy
VDC_NETWORK_POLICY	Network Policy	vdcPolicy
VDC_COMPUTING_POLICY	Computing Policy	vdcPolicy
OUTPUT_ISO_IMAGE_MAPPLING_POLICY	ISO Image Mapping Policy	vdcPolicy
OUTPUT_VDC_USER_ACTION_POLICY	User Action Policy	vdcPolicy
OUTPUT_VDC_VMMANAGEMENT_POLICY	Vm Mangement Policy	vdcPolicy
OUTPUT_VDC_ENDUSER_SELF_SERVICE_POLICY	End user Self-service Policy	vdcPolicy
OUTPUT_VDC_COSTMODEL	Cost Model	vdcPolicy

Assign VSG To Compute Firewall

Summary

Assigns a VSG To a Compute Firewall

Description

This task assigns an unassigned VSG (registered to the PNSC) to a compute firewall.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Firewall ID	Choose compute firewall to assign VSG	PNSCComputeFirewallId	Y
VSG Management IP	Select a VSG	PnscUnassignedVsgLOVType	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_COMPUTE_FIREWALL_ID	Compute Firewall Identity	PNSCComputeFirewallId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Bind Compute Firewall To Nexus 1K

Summary

Binds a Compute Firewall to a N1K switch.

Description

This task binds a compute firewall to a N1K switch. It creates a vservice node of type vsg and node name as compute firewall hostname on the selected N1K switch. User need to choose a N1K vlan as well while binding compute firewall to N1K.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Firewall ID	Choose compute firewall to bind to n1k	PNSCComputeFirewallId	Y
Select Nexus 1K	Select Nexus 1K to choose the vlan	PNSCRegisteredN1K	Y
Select vlan	Select a vlan on N1K	PNSCRegisteredN1KVlans	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_COMPUTE_FIREWALL_ID	Compute Firewall Identity	PNSCComputeFirewallId
OUTPUT_PNSC_REGISTERED_N1K_ID	PNSC Registered N1k Identity	PNSCRegisteredN1K
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

Bind Compute Security Profile To Nexus Port Profile

Summary

Binds a Compute Security Profile to a N1K Port Profile.

Description

This task binds a compute security profile to a N1K Port Profile. User can choose a compute firewall and N1K Port profile while binding a compute security profile to port profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Security Profile ID	Choose compute security profile to bind to N1k Port profile	PNSCComputeSecurityProfileId	Y
Compute Firewall ID	Choose compute firewall	PNSCComputeFirewallId	Y
Select Nexus 1K	Select Nexus 1K to choose the port profile	PNSCRegisteredN1K	Y
Select port profile	Select a port profile	PNSCSecurityProfileUnboundPortProfiles	Y

Outputs

Output	Description	Type
OUTPUT_PNSC_ACCOUNT_NAME	Name of the PNSC Account	PNSCAccountNames
OUTPUT_COMPUTE_SECURITY_PROFILE_ID	Compute Security Profile Identity	PNSCComputeSecurityProfileId
OUTPUT_COMPONENT_ID	PNSC Component (Tenant, vDC, App or Tier) Identity	PNSCComponentId

DeProvision PNSC Policies

Summary

Delete PNSC Policies

Description

The task deletes PNSC policies created as a part of VSG container creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Delete ACL Policy

Summary

Delete ACL Policy from a PNSC Tenant, vDC, App or Tier.

Description

This task deletes a ACL Policy from a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
Acl Policy ID	Choose acl policy to delete	PNSCAclPolicyId	Y

Outputs

No Outputs

Delete ACL Policy Rules

Summary

Delete ACL Policy Rules from an ACL Policy.

Description

This task delete rules from an ACL Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
ACL Policy ID	Choose acl policy to delete the policy rule	PNSCAclPolicyId	Y
ACL Policy Rule ID	Choose policy rules to delete	PNSCAclPolicyRuleListId	Y

Outputs

No Outputs

Delete App

Summary

Delete an Application from a Virtual Data Center.

Description

This task deletes an application from a selected vDC of a PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
Application ID	Choose application to delete	PNSCAppId	Y

Outputs

No Outputs

Delete Cisco VNMCL ACL Policy Set

Summary

Delete ACL Policy Set from a PNSC tenant, vDC, App or Tier.

Description

This task deletes an ACL Policy set from a PNSC logical component (Tenant, vDC, App or Tier). User can select multiple ACL Policies to create a new ACL Policy Set.

Inputs

Input	Description	Mappable To Type	Mandatory
Acl Policy Set ID	Choose acl policy set to delete	PNSCAclPolicySetId	Y

Outputs

No Outputs

Delete Compute Firewall

Summary

Delete Compute Firewall from a PNSC tenant, vDC, App or Tier.

Description

This task deletes a Compute Firewall from a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Firewall ID	Choose compute firewall to delete	PNSCComputeFirewallId	Y

Outputs

No Outputs

Delete Compute Security Profile

Summary

Delete Compute Security Profile from a PNSC tenant, vDC, App or Tier.

Description

This task delete a Compute Security Profile to a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Security Profile ID	Choose compute security profile to delete	PNSCComputeSecurityProfile Id	Y

Outputs

No Outputs

Delete Tenant

Summary

Delete Tenant from a PNSC account.

Description

This task deletes a tenant from a selected PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose Tenant to delete	PNSCTenantId	Y

Outputs

No Outputs

Delete Tier

Summary

Delete Tier from an Application.

Description

This task deletes a Tier from a selected application (logical component) of a PNSC account.

Inputs

Input	Description	Mappable To Type	Mandatory
Tier ID	Choose tier to delete	PNSCTierId	Y

Outputs

No Outputs

Delete Zone

Summary

Delete zone from a PNSC Tenant, vDC, App or Tier.

Description

This task deletes a zone from a PNSC logical component (Tenant, vDC, App or Tier).

Inputs

Input	Description	Mappable To Type	Mandatory
Zone ID	Choose zone to delete	PNSCZoneId	Y

Outputs

No Outputs

Delete Zone Conditions

Summary

Add zone conditions to a zone.

Description

This task delete zone conditions from a zone.

Inputs

Input	Description	Mappable To Type	Mandatory
Zone ID	Choose zone to delete the zone condition	PNSCZoneId	Y
Zone Conditions ID	Choose zone conditions to delete	PNSCZoneConditionsListId	Y

Outputs

No Outputs

Delete vDC

Summary

Delete a vDC.

Description

This task deletes a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Name	Provide the name of the vDC to delete	gen_text_input	Y

Outputs

No Outputs

Deploy VSG

Summary

Deploy VSG in VSG container.

Description

The task deploys VSG in a VSG container. Deploy VSG either in standalone mode or HA mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Deprovision Container VSG Network

Summary

Delete VSG network components.

Description

The task deletes VSG network components provisioned as a part of VSG container creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Provision Container VSG Network

Summary

Create VSG network components.

Description

The task creates VSG HA and Data portgroups on selected Nexus 1000v. The VSG ip address and PNSC compute firewall ip address are resolved from the ip pools. The VSG HA and Data vlan ID are resolved from the VLAN pool. The VSG HA ID is resolved from the HA ID pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Provision PNSC Policies

Summary

Create PNSC Policies

Description

The task creates PNSC components like tenant, vdc, compute firewall and policies like zone, and security policies for container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Unassign VSG From Compute Firewall

Summary

Unassigns a VSG From a Compute Firewall

Description

This task unassigns an assigned VSG (registered to the PNSC) from a compute firewall.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Firewall ID	Choose compute firewall to assign VSG	PNSCComputeFirewallId	Y

Outputs

No Outputs

Unbind Compute Firewall From Nexus 1K

Summary

Unbinds a Compute Firewall from a N1K switch.

Description

This task unbinds a compute firewall from a N1K switch. It removes the vservice node of type vsg and node name as hostname of the compute firewall on the selected N1K switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Firewall ID	Choose compute firewall to bind to n1k	PNSCComputeFirewallId	Y
Select Nexus 1K	Select Nexus 1K to choose the vlan	PNSCRegisteredN1K	Y

Outputs

No Outputs

Unbind Compute Security Profile From Nexus Port Profile

Summary

Unbinds a Compute Security Profile from a N1K Port Profile.

Description

This task unbinds a compute security profile from a N1K Port Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Compute Security Profile ID	Choose compute security profile to unbind from N1K port profile	PNSCComputeSecurityProfileId	Y
Select Nexus 1K	Select Nexus 1K to choose the port profile	PNSCRegisteredN1K	Y
Select port profiles	Select one or more port profiles	PNSCSecurityProfileBoundPortProfiles	Y

Outputs

No Outputs

Undeploy Container VSG

Summary

Undeploy Container VSG

Description

Deletes container VSG deployed as a part of VSG container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs



Platform Tasks

This chapter contains the following sections:

- [CIMCEmailAlertRuleAddFormImpl](#), on page 2820
- [CIMCEmailAlertRuleConfigImpl](#), on page 2821
- [DeleteEmailAlertRuleForm](#), on page 2822
- [DisableEmailAlertForm](#), on page 2823
- [EnableEmailAlertForm](#), on page 2824
- [ImcsDeleteSchedules](#), on page 2825
- [ImcsDisableSchedules](#), on page 2826
- [ImcsEnableSchedules](#), on page 2827
- [ImcsManageScheduleImpl](#), on page 2828
- [ImcsModifyScheduleImpl](#), on page 2829

CIMCEmailAlertRuleAddFormImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name			Y
Alert Scope			
ServerGroups			Y
Servers			Y
Email Addresses			Y
Severity			Y
Enable			
Send alert for all faults every 24 hours			

Outputs

No Outputs

CIMCEmailAlertRuleConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name			Y
Alert Scope			
ServerGroups			Y
Servers			Y
Email Addresses			Y
Severity			Y
Enable			
Send alert for all faults every 24 hours			

Outputs

No Outputs

DeleteEmailAlertRuleForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y

Outputs

No Outputs

DisableEmailAlertForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

EnableEmailAlertForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

ImcsDeleteSchedules

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

ImcsDisableSchedules

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

ImcsEnableSchedules

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

ImcsManageScheduleImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Schedule Policy Name			Y
Enable			Y
Select Scheduler Type			Y
Schedule Time	Schedule Time	date_time	
Current System Time			
Days	Schedule Time		
Hours	Schedule Time		
Minutes	Schedule Time		

Outputs

No Outputs

ImcsModifyScheduleImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Schedule Policy Name			Y
Enable			Y
Select Scheduler Type			Y
Schedule Time	Schedule Time	date_time	
Current System Time			
Days	Schedule Time		
Hours	Schedule Time		
Minutes	Schedule Time		

Outputs

No Outputs



Policy Tasks

This chapter contains the following sections:

- [Clone Credential Policy, on page 2832](#)
- [Clone Name Validation Policy, on page 2833](#)
- [Collect VMWare Mark DataStores ISO Inventory, on page 2834](#)
- [Create Credential Policy, on page 2835](#)
- [Create Name Validation Policy, on page 2836](#)
- [Create VMWare Mark DataStores ISO Inventory, on page 2837](#)
- [Delete Credential Policy, on page 2838](#)
- [Modify Credential Policy, on page 2839](#)
- [Modify Name Validation Policy, on page 2840](#)
- [Modify VMWare Mark DataStores ISO Inventory, on page 2841](#)

Clone Credential Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select the policy to be Cloned	Select the Policy Name		Y
Policy Name	Enter Policy Name		Y
Description	Enter the Description		

Outputs

Output	Description	Type
OUTPUT_CREDENTIAL_POLICY_NAME	Credential Policy name	gen_text_input

Clone Name Validation Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy To be Cloned	Select Policy to be Cloned		Y
Policy Name	Enter Policy Name		Y
Policy Description	Enter Policy Description		

Outputs

Output	Description	Type
OUTPUT_POLICY_NAME	Name validation policy on which the selected operation was performed	gen_text_input

Collect VMWare Mark DataStores ISO Inventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which data stores mapping required		Y

Outputs

Output	Description	Type
OUTPUT_SR_ID	SR ID on which the selected operation was performed	gen_text_input

Create Credential Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Type	Choose the account type.		
Policy Name	Enter the Policy Name		Y
Description	Enter the Description		
userName	Enter the userName		Y
password	Enter the password		Y
enable password	Enter the enable password		
protocol	Select the Protocol		Y
port	Enter the port		Y

Outputs

Output	Description	Type
OUTPUT_CREDENTIAL_POLICY_NAME	Credential Policy name	gen_text_input

Create Name Validation Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter Policy Name		Y
Policy Description	Enter Policy Description		
Minimum Name Length	Minimum number of characters that make up the name		
Maximum Name Length	Maximum number of characters allowed for the name		
Regular Expression	Do not allow password that match any of the regular expressions specified here		
Regular Expression Description	provide description about above mentioned regular expression		

Outputs

Output	Description	Type
OUTPUT_POLICY_NAME	Name validation policy on which the selected operation was performed	gen_text_input

Create VMWare Mark DataStores ISO Inventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which data stores mapping required		Y
Data Stores	List of data stores selected for ISO Images Inventory Collection		Y
Fetch in Account level Inventory	This will include ISO inventory collection during account level inventory		Y

Outputs

Output	Description	Type
OUTPUT_SR_ID	SR ID on which the selected operation was performed	gen_text_input

Delete Credential Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Select the Policy Name		Y

Outputs

Output	Description	Type
OUTPUT_CREDENTIAL_POLICY_NAME	Credential Policy name	gen_text_input

Modify Credential Policy

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the Policy Name		Y
Description	Enter the Description		
userName	Enter the userName		Y
password	Enter the password		Y
enable password	Enter the enable password		
protocol	Select the Protocol		Y
port	Enter the port		Y

Outputs

Output	Description	Type
OUTPUT_CREDENTIAL_POLICY_NAME	Credential Policy name	gen_text_input

Modify Name Validation Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Select Policy Name		Y
Policy Description	Enter Policy Description		
Minimum Name Length	Minimum number of characters that make up the name		
Maximum Name Length	Maximum number of characters allowed for the name		
Regular Expression	Do not allow password that match any of the regular expressions specified here		
Regular Expression Description	provide description about above mentioned regular expression		

Outputs

Output	Description	Type
OUTPUT_POLICY_NAME	Name validation policy on which the selected operation was performed	gen_text_input

Modify VMWare Mark DataStores ISO Inventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which data stores mapping required		Y
Data Stores	List of data stores selected for ISO Images Inventory Collection		Y
Fetch in Account level Inventory	This will include ISO inventory collection during account level inventory		Y

Outputs

Output	Description	Type
OUTPUT_SR_ID	SR ID on which the selected operation was performed	gen_text_input



Policy and Profile Tasks

This chapter contains the following sections:

- [AddHardwareProfile](#), on page 2844
- [ApplyCIMCHardwarePolicy](#), on page 2845
- [CIMCApplyProfileConfigImpl](#), on page 2846
- [CIMCDeleteProfileConfigImpl](#), on page 2847
- [CIMCDeriveHardwareProfile](#), on page 2848
- [CIMCHardwarePolicyAddForm](#), on page 2849
- [CIMCHardwarePolicyModifyForm](#), on page 2850
- [DeleteCIMCHardwarePolicy](#), on page 2851
- [UpdateHardwareProfile](#), on page 2852

AddHardwareProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Hardware Policies			Y
Hardware Policies			Y
Target Platforms			Y

Outputs

No Outputs

ApplyCIMCHardwarePolicy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y
			Y
			Y

Outputs

No Outputs

CIMCApplProfileConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y
			Y
			Y

Outputs

No Outputs

CIMCDeleteProfileConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Delete Profiles	Select one or more profiles to delete		Y

Outputs

No Outputs

CIMCDeriveHardwareProfile

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Enter Server Details Manually:			
Choose Server:			
Server IP			
Choose Chassis:			
Use Credential Policy	Select if you want to use policy to give the credentials.		
Credential Policy			
Username			
Password			
Protocol			
Port			
Choose Policies:			

Outputs

No Outputs

CIMCHardwarePolicyAddForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

CIMCHardwarePolicyModifyForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

DeleteCIMCHardwarePolicy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Delete Policies	Select one or more policies to delete		Y

Outputs

No Outputs

UpdateHardwareProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Hardware Policies			Y
Hardware Policies			Y
Target Platforms			Y

Outputs

No Outputs



Procedural Tasks

This chapter contains the following sections:

- [Acquire lock on a named Resource, on page 2854](#)
- [Clone Workflow, on page 2855](#)
- [Conditional Task, on page 2856](#)
- [End Loop, on page 2857](#)
- [If Else, on page 2858](#)
- [Release lock on a named Resource, on page 2859](#)
- [Resume Task, on page 2860](#)
- [Start Loop, on page 2861](#)

Acquire lock on a named Resource

Summary

Acquire a lock on a named resource.

Description

This task acquires a lock on any named resource. If the named resource is free, meaning no other task holds a lock on it, then the acquisition of the resource succeeds and the task completes successfully. If another task holds a lock on the named resource, then the calling task is suspended until the other task releases the lock. Re-entrant acquisition is permitted and is always successful. A lock can be acquired by a sub-task within a compound task. If the lock is already held by the compound task (or its parent workflow, or a parent's parent), the acquisition is considered re-entrant and always succeeds. For example: Workflow WF-A acquires a lock L1 and spawns a Compound Task CT1. If a sub-task in CT1 tries to acquire L1, then the acquisition succeeds. Similarly, suppose workflow WF-B acquires a lock L2 and spawns CT2, which in turn spawns CT3. If a sub-task in CT3 tries to acquire L2, it will succeed because WF-B is an (indirect) parent of CT2. A workflow should relinquish the lock on the resource (using the Release Resource Lock task) as soon as it is done using the resource. Behavior during Rollback of an SR When a workflow is rolled back, the tasks are executed in reverse order of normal execution. When a workflow containing an AcquireLock followed by a ReleaseLock task is subjected to Rollback, the roles of AcquireLock and ReleaseLock are reversed. For example, consider this workflow: AcquireLock(R1) -> Task1 -> Task2 -> ReleaseLock(R1) In this example, AcquireLock(R1) acquires lock on resource R1 and ReleaseLock(R1) relinquishes the lock on R1. As part of a rollback, the ReleaseLock(R1) task is executed first. But since the intent is ensure safe access to resource R1, this ReleaseLock behaves like an AcquireLock(R1) task and acquires the lock on R1. Subsequently, when the AcquireLock(R1) task is invoked it executes the ReleaseLock(R1) operation, relinquishing the lock on resource R1.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource name	Name of resource that must be locked	gen_text_input	Y

Outputs

Output	Description	Type
ResourceName	Name of the Resource that was acquired for exclusive access	gen_text_input

Clone Workflow

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Workflow	Workflow to clone	workflowSelector	Y
Cloned Workflow Name	Workflow Version to clone	gen_text_input	Y
New Folder	Select to give a new Folder name	Boolean	
Folder Name	Folder Name	gen_text_input	
New Folder Name	Folder Name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SOURCE_WF_NAME	Source WF Name	gen_text_input
OUTPUT_SOURCE_WF_ID	Source WF ID	gen_text_input
OUTPUT_CLONE_WF_NAME	Source WF Name	gen_text_input
OUTPUT_CLONE_WF_ID	Source WF Name	gen_text_input

Conditional Task

Summary

Select the next Task based on the evaluation of Boolean statements, similar to a "switch" statement in most programming languages.

Description

This task takes as input two or more conditions and associated labels. The labels are mapped to other tasks. At runtime, the conditions are evaluated in order and control is passed to the task associated with the first condition that evaluates to True. If no condition evaluates to True, the Conditional Task fails.

Inputs

Input	Description	Mappable To Type	Mandatory
List of Conditions	Add List of Conditions		

Outputs

No Outputs

End Loop

Summary

End a loop.

Description

This task marks the end of a loop in the workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

If Else

Summary

If Else Conditional Task.

Description

This task evaluates the condition given as input. Depending on the result, it passes control to a different task.

Inputs

Input	Description	Mappable To Type	Mandatory
Specify the condition	Specify the condition		Y

Outputs

No Outputs

Release lock on a named Resource

Summary

Release a lock held on a named resource.

Description

This task releases a lock held on a named resource. Lock acquisition is described in the Acquire Resource Lock task. Acquired locks must be released when the acquiring task is done with the resource. This implies that, within a workflow, the number of Acquire operations should equal the number of Release operations. A spurious Release (release of a lock that was never held) is ignored. A workflow should only release a lock that it successfully acquired using the Acquire Resource Lock task. For behavior of locks during rollback, please see AcquireLock task

Inputs

Input	Description	Mappable To Type	Mandatory
Resource name	Name of resource that must be unlocked	gen_text_input	Y

Outputs

Output	Description	Type
ResourceName	Name of the Resource that was released from exclusive access	gen_text_input

Resume Task

Summary

Wait until a date and time.

Description

This task pauses the workflow execution until the date and time specified in the input.

Inputs

Input	Description	Mappable To Type	Mandatory
Time	Time to execute	date_time	Y

Outputs

No Outputs

Start Loop

Summary

Start a loop.

Description

This task begins a loop in the workflow based on the input condition.

Inputs

Input	Description	Mappable To Type	Mandatory
List based iteration	List based iteration		
Input for list based iteration	Input for list based iteration	gen_text_input	Y
User Input to assign iterated values	User Input to assign iterated values		
Count based iteration	Count based iteration		
Number of times to loop	Enter a positive integer	gen_text_input	Y
Starting Index	Enter the starting value of the iteration index	gen_text_input	Y
Step Increment	Enter an integer (positive or negative).	gen_text_input	Y

Outputs

Output	Description	Type
ITERATION_COUNT_OUTPUT	Iteration Count	gen_text_input
ITERATION_INDEX_OUTPUT	Iteration Index	gen_text_input
START_LOOP_OUTPUT	Each Iteration Value	gen_text_input



RHEV KVM Tasks

This chapter contains the following sections:

- [RHEV KVM - Create Storage Policy, on page 2864](#)
- [RHEV KVM - Create System Policy, on page 2865](#)
- [RHEV KVM - Edit Storage Policy, on page 2866](#)
- [RHEV KVM - Edit System Policy, on page 2867](#)
- [RHEV KVM - Guest Customization, on page 2868](#)
- [Rhev KVM - Add NIC to VDC Network Policy, on page 2869](#)
- [Rhev KVM - Create Computing Policy, on page 2870](#)
- [Rhev KVM - Create Network Policy, on page 2871](#)
- [Rhev KVM - Delete NIC from VDC Network Policy, on page 2872](#)
- [Rhev KVM - Edit Computing Policy, on page 2873](#)
- [Rhev KVM - Edit NIC in VDC Network Policy, on page 2875](#)
- [Rhev KVM - Edit Network Policy, on page 2876](#)

RHEV KVM - Create Storage Policy

Summary

Create a Rhev KVM storage policy.

Description

This task creates a Rhev KVM storage policy for a Rhev KVM account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	gen_text_input	Y
Policy Description	Enter description of policy	gen_text_input	
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Datacenter	Select a datacenter	RhevDatacentersList	Y
Scope	Scope		
Data Stores Scope	Specify type of data store scope: include/exclude or all	rhevKvmScopeType Storage	Y
Selected Data Stores	List of data stores selected for include/exclude	RhevDatastoresList	
Storage Options	Select from the storage options below.		
Filter Conditions	Select one or more filter conditions		

Outputs

Output	Description	Type
OUTPUT_STORAGE_POLICY_NAME	Storage Policy Name	gen_text_input

RHEV KVM - Create System Policy

Summary

Create a Rhev KVM System policy.

Description

This task creates a Rhev KVM system policy for a Rhev KVM account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	gen_text_input	Y
Policy Description	Enter description of policy	gen_text_input	
VM Name Template	Enter naming template for VMs	gen_text_input	Y
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Recycle VM Name	Reuse old VM names	Boolean	
Host Name Template	Host Name Template	gen_text_input	
DNS Domain	DNS Domain Name	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SYSTEM_POLICY_NAME	System Policy Name	gen_text_input

RHEV KVM - Edit Storage Policy

Summary

Modify a Rhev KVM storage policy.

Description

This task modifies a Rhev KVM Storage policy for the selected Rhev KVM account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Policy Name	Enter name of policy	rhevKvmStoragePolicies LOVProvider	Y
Policy Description	Enter description of policy	gen_text_input	
Datacenter	Select a datacenter	RhevDatacentersList	Y
Scope	Scope		
Data Stores Scope	Specify type of data store scope: include/exclude or all	rhevKvmScopeType Storage	Y
Selected Data Stores	List of data stores selected for include/exclude	RhevDatastoresList	
Storage Options	Select from the storage options below.		
Filter Conditions	Select one or more filter conditions		

Outputs

Output	Description	Type
OUTPUT_STORAGE_POLICY_NAME	Storage Policy Name	gen_text_input

RHEV KVM - Edit System Policy

Summary

Modify a Rhev KVM system policy.

Description

This task modifies the Rhev KVM system policy with the selected policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Policy Name	Enter name of policy	rhevKvmDeploymentPolicies LOVProvider	Y
Policy Description	Enter description of policy	gen_text_input	
VM Name Template	Enter naming template for VMs	gen_text_input	Y
Recycle VM Name	Reuse old VM names	Boolean	
Host Name Template	Host Name Template	gen_text_input	
DNS Domain	DNS Domain Name	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_SYSTEM_POLICY_NAME	System Policy Name	gen_text_input

RHEV KVM - Guest Customization

Summary

Customize the guest OS of a provisioned VM.

Description

This task customizes the guest OS of an already-provisioned VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to be customized	vm	Y
Use VDC policy configurations	Check to apply policy (system and network) configurations	Boolean	Y
Guest OS Host Name	Enter the guest OS host name	gen_text_input	
DNS Domain	Enter the IP domain to use for the VM. For example: cisco	gen_text_input	
DNS Server List	Enter a list of DNS server IP addresses, separated with spaces	gen_text_input	
NIC Configuration	Enter the VM networks in the following comma-separated text format: \n@@@. For example:\nEx-NIC1@Static@172.26.224.148@192.168.0.3@255.255.255.0, NIC2@DHCP, NIC3@None	gen_text_input	

Outputs

No Outputs

Rhev KVM - Add NIC to VDC Network Policy

Summary

Modifies Rhev KVM Network policy to add a new NIC.

Description

This task modifies the Rhev KVM network policy and add a new nic to the policy as per the selected policy name and the details provided.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	RhevNetworkPoliciesList	Y
NIC Alias	NIC Alias	gen_text_input	Y
Network Name	Select Network to connect the nic to	RhevNetworksTable	Y
Link State	Select link state of the nic	RhevAdapterStateLOVProvider	Y
Adapter Type	Select adapter type of the nic	RhevAdapterTypeLOVProvider	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	Network Policy Name	gen_text_input
OUTPUT_RHEV_NIC_ALIAS	RHEV NIC Alias	gen_text_input

Rhev KVM - Create Computing Policy

Summary

Create a Rhev KVM computing policy.

Description

This task creates a Rhev KVM computing policy for the selected KVM account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	gen_text_input	Y
Policy Description	Enter description of policy	gen_text_input	
Cloud Name	Select a cloud that the policy applies to	RhevCloudName Provider	Y
Datacenter	Select a datacenter	RhevDatacentersList	Y
Cluster Scope	Specify type of cluster scope, include/exclude or all?	rhevKvmScopeType Computing	
Selected Clusters	List of clusters selected for include/exclude	RhevClustersList	
Filter Conditions	Select one or more filter conditions		
Override Template	Override template properties	Boolean	
Memory (MB)	Enter memory to be allocated to the VM	gen_text_input	
No. of CPU Sockets	Enter number of CPU sockets	gen_text_input	
No. of CPU Cores per Socket	Enter number of CPU cores per socket	gen_text_input	
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy	Boolean	
Permitted Values of No. of CPU Sockets	Comma separated list of number of CPU sockets (Example: 1,2,3,4)	gen_text_input	
Permitted Values of No. of Cores per Sockets	Comma separated list of number of CPU cores per socket (Example: 1,2,3,4)	gen_text_input	
Permitted Values for Memory in MB	Comma separated list of memory values in MB (Example: 1024,1536,2048,3072,4096)	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_COMPUTING_POLICY_NAME	Computing Policy Name	gen_text_input

Rhev KVM - Create Network Policy

Summary

Create a Rhev KVM network policy.

Description

This task creates a Rhev KVM network policy for a Rhev KVM account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter a name for the policy	gen_text_input	Y
Policy Description	Enter a description of the policy	gen_text_input	
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Datacenter	Select a datacenter	RhevDatacentersList	Y
Network Name	Select a network to connect the NIC to	RhevNetworksTable	Y
Link State	Select the link state of the NIC	RhevAdapterState LOVProvider	Y
Adapter Type	Select the adapter type of the NIC	RhevAdapterType LOVProvider	Y
Additional Networks	Select one or more networks		
Guest Networks	Select one or more guest networks		

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	Network Policy Name	gen_text_input

Rhev KVM - Delete NIC from VDC Network Policy

Summary

Deletes Rhev KVM network policy NIC details for the selected NIC Alias .

Description

This task deletes the Rhev KVM network policy NIC by providing the policy name and the NIC alias.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	RhevNetworkPoliciesList	Y
NIC Alias	NIC Alias	RhevNetworkPoliciesNICsList	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	Network Policy Name	gen_text_input
OUTPUT_RHEV_NIC_ALIAS	RHEV NIC Alias	gen_text_input

Rhev KVM - Edit Computing Policy

Summary

Modify a Rhev KVM computing policy.

Description

This task modifies a Rhev KVM computing policy for the selected Rhev KVM account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a cloud that the policy applies to	RhevCloudName Provider	Y
Policy Name	Enter name of policy	rhevKvmComputing PoliciesLOVProvider	Y
Policy Description	Enter description of policy	gen_text_input	
Datacenter	Select a datacenter	RhevDatacentersList	Y
Cluster Scope	Specify type of cluster scope, include/exclude or all?	rhevKvmScopeType Computing	
Selected Clusters	List of clusters selected for include/exclude	RhevClustersList	
Filter Conditions	Select one or more filter conditions		
Override Template	Override template properties	Boolean	
Memory (MB)	Enter memory to be allocated to the VM	gen_text_input	
No. of CPU Sockets	Enter number of CPU sockets (Example: 1,2,3 etc.)	gen_text_input	
No. of CPU Cores per Socket	Enter number of CPU cores per socket (Example: 1,2,3 etc.)	gen_text_input	
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy	Boolean	
Permitted Values of No. of CPU Sockets	Comma separated list of number of CPU sockets (Example: 1,2,3,4)	gen_text_input	
Permitted Values of No. of Cores per Sockets	Comma separated list of number of CPU cores per socket (Example: 1,2,3,4)	gen_text_input	
Permitted Values for Memory in MB	Comma separated list of memory values in MB (Example: 1024,1536,2048,3072,4096)	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_COMPUTING_POLICY_NAME	Computing Policy Name	gen_text_input

Rhev KVM - Edit NIC in VDC Network Policy

Summary

Modifies Rhev KVM network policy by editing the NIC details.

Description

This task modifies the Rhev KVM network policy with the updated NIC details for the selected policy name and NIC alias.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter name of policy	RhevNetworkPoliciesList	Y
NIC Alias	NIC Alias	RhevNetworkPoliciesNICsList	Y
Network Name	Select Network to connect the nic to	RhevNetworksTable	Y
Link State	Select link state of the nic	RhevAdapterStateLOVProvider	Y
Adapter Type	Select adapter type of the nic	RhevAdapterTypeLOVProvider	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	Network Policy Name	gen_text_input
OUTPUT_RHEV_NIC_ALIAS	RHEV NIC Alias	gen_text_input

Rhev KVM - Edit Network Policy

Summary

Modify a Rhev KVM Network policy.

Description

This task modifies the Rhev KVM network policy for the selected Rhev KVM account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select a cloud that the policy applies to	RhevCloudNameProvider	Y
Policy Name	Enter a name for the policy	RhevNetworkPoliciesList	Y
Policy Description	Enter a description of the policy	gen_text_input	
Datacenter	Select a datacenter	RhevDatacentersList	Y
Network Name	Select a network to connect the NIC to	RhevNetworksTable	Y
Link State	Select the link state of the NIC	RhevAdapterState LOVProvider	Y
Adapter Type	Select the adapter type of the NIC	RhevAdapterType LOVProvider	Y
Additional Networks	Select one or more networks		
Guest Networks	Select one or more guest networks		

Outputs

Output	Description	Type
OUTPUT_NETWORK_POLICY_NAME	Network Policy Name	gen_text_input



RHEV KVM VM Tasks

This chapter contains the following sections:

- [Delete RHEV VM, on page 2878](#)
- [RHEV KVM Power Action, on page 2879](#)
- [RHEV KVM Provision, on page 2880](#)
- [RHEV KVM Resource Allocation, on page 2881](#)

Delete RHEV VM

Summary

Deletes Rhev KVM VM.

Description

This task deletes the selected Rhev KVM VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to be deleted	vm	Y

Outputs

No Outputs

RHEV KVM Power Action

Summary

To perform action on the RHEV KVM instance.

Description

This task is used to perform the power actions on the VM like Power On, Off, Pause, Shutdown etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Instance	Select the VM on which to perform the action	vm	Y
VM Action	VM Action	gen_text_input	Y

Outputs

No Outputs

RHEV KVM Provision

Summary

Provisions a RHEV KVM VM

Description

This task provisions a new VM in selected RHEV KVM cloud using parameters defined in the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Select RHEV Cloud	Select name of the KVM Cloud in this system	RhevCloudName Provider	Y
Assign To User	Choosing this option will allow VM assignment to user	assignToUser	
User	VM will be assigned to this user	cuic_user_ID	
Select Catalog	Select Catalog on which to perform the action	catalog	Y
Select vDC	Select vDC on which to perform the action	vDC	Y
Select Primary Cluster	Select primary cluster to provision on	gen_text_input	
Select Secondary Cluster	Select alternate cluster to provision on	gen_text_input	
Select Primary Datastore	Select primary datastore to provision on	gen_text_input	
Select Secondary Datastore	Select alternate datastore to provision on	gen_text_input	
Memory	Amount of memory to allocate	gen_text_input	
No. of CPU Sockets	Enter number of CPU sockets (Example: 1,2,3 etc.)	gen_text_input	
No. of CPU Cores per Socket	Enter number of CPU cores per socket (Example: 1,2,3 etc.)	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_RHEV_KVM_ID	ID of the VM	vm

RHEV KVM Resource Allocation

Summary

Performs resource allocation for a RHEV KVM VM for a given Catalog and VDC

Description

This task identifies possible clusters and datastores for provisioning a VM with the given VDC and Catalog.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Catalog	Select Catalog	gen_text_input	Y
Select vDC	Select vDC	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_RHEV_KVM_PRIMARY_CLUSTER_NAME	Primary Cluster	gen_text_input
OUTPUT_RHEV_KVM_SECONDARY_CLUSTER_NAME	Secondary Cluster	gen_text_input
OUTPUT_RHEV_KVM_PRIMARY_DATASTORE	Primary Datastore	gen_text_input
OUTPUT_RHEV_KVM_SECONDARY_DATASTORE	Secondary Datastore	gen_text_input



Rack Server Tasks

This chapter contains the following sections:

- [Add Firmware Image Profile, on page 2884](#)
- [Assign Rack Server to Group, on page 2885](#)
- [Configure Rack Server, on page 2886](#)
- [Delete Firmware Image Profile, on page 2888](#)
- [Monitor Rack Server Firmware Upgrade, on page 2889](#)
- [Power On/Off CIMC Server, on page 2890](#)
- [Run Rack Server Firmware Upgrade, on page 2892](#)
- [Select Rack Server, on page 2893](#)
- [Unassign Rack Server from Group, on page 2900](#)
- [Unconfigure Rack Server, on page 2901](#)
- [Upgrade Firmware on multiple UCS rack servers, on page 2902](#)

Add Firmware Image Profile

Summary

Create a new firmware image profile in UCS Director.

Description

This task creates a new firmware image profile in UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name	Enter the firmware image profile name	gen_text_input	Y
Select Platform	Choose the server platform	cimc_rack_server_firmware_platform_type	Y
Select Mount Type	Choose an image mount type	cimc_rack_server_firmware_server_type	Y
Location Link	Enter the location link	gen_text_input	Y
Remote IP	Enter the remote IP of the image location	gen_text_input	Y
Remote Share Path	Enter the remote share path	gen_text_input	Y
Remote file Name	Enter the remote image file name	gen_text_input	Y
User Name	Enter the username for accessing the image available in the remote path	gen_text_input	
Password	Enter the password for accessing the image available in the remote path	password	
Mount Options	Choose the mount options	cimc_rack_server_firmware_mount_types	

Outputs

Output	Description	Type
OUTPUT_RACK_SERVER_FIRMWARE_IMAGE_PROFILE_NAME	CIMC_RACK_SERVER_FIRWARE_IMAGE_PROFILE	cimc_rack_server_firmware_image_profile

Assign Rack Server to Group

Summary

Assign a rack server to a group.

Description

This task assigns a rack server to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Rack Server	Choose the rack server	cimcServerIdentity	Y
Assign To Users	Check to allow users to assign resources.		
User Group ID	Choose the user group to assign to the rack server	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity

Configure Rack Server

Summary

Associate a Rack server Profile.

Description

This task associates the selected rack server profile with the CIMC server.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Type	Choose the rack server policy type		Y
Rack Server Profile	Choose a rack server profile	cimc_rack_server_profile	Y
Select Rack Server	Choose the rack server to which to apply the rack server profile	cimcServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity
OUTPUT_RACK_SERVER_PROFILE_NAME	CIMC_RACK_SERVER_PROFILE	cimc_rack_server_profile
OUTPUT_CIMC_SERVER_SLOT_MAC_ADDRESS	MAC Address of the Server Slots.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_MAC_ADDRESS	MAC Address of the C Server Slot 1.	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_1_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_1_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_2_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_2_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_MAC_ADDRESS	MAC Address of the C Server slot 2.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_MAC_ADDRESS	MAC Address of the C Server slot 3.	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_4_MAC_ADDRESS	MAC Address of the C Server slot 4.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_MAC_ADDRESS	MAC Address of the C Server slot 5.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_MAC_ADDRESS	MAC Address of the C Server slot 6.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_MAC_ADDRESS	MAC Address of the C Server slot 7.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_MAC_ADDRESS	MAC Address of the C Server slot 8.	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_1_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_1_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_2_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_2_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_L_MAC_ADDRESS	MAC Address of the C Server Slot L.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_MAC_ADDRESS	MAC Address of the C Server Slot M.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_MAC_ADDRESS	MAC Address of the C Server Slot HBA.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_MAC_ADDRESS	MAC Address of the C Server Slot MLOM.	gen_text_input

Delete Firmware Image Profile

Summary

Delete one or more firmware image profiles in UCS Director.

Description

This task deletes one or more firmware image profiles in UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image Profile	Choose the firmware image profiles to delete	cimc_rack_server_firmware_image_profile	Y

Outputs

No Outputs

Monitor Rack Server Firmware Upgrade

Summary

Monitor the firmware upgrade status of a rack server.

Description

This task monitors the firmware upgrade status of a rack server for a specified time limit. If the time limit is reached, the task fails with a timeOut error.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image Profile	Choose the firmware image profile name with which to upgrade the server	cimc_rack_server_firmware_image_profile	Y
Server	Choose the rack server. The firmware upgrade is monitored on the selected server.	cimcServerIdentity	Y
Timeout (minutes)	Enter the timeout value for the monitor task. The default value is 75 minutes. The minimum value is 30 minutes and the maximum value is 150 minutes.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity

Power On/Off CIMC Server

Summary

Power On or Power Off a CIMC server.

Description

This task changes the power state of a CIMC server.

Inputs

Input	Description	Mappable To Type	Mandatory
CIMC Server	Select CIMC Server	cimcServerIdentity	Y
Power Action	Select Power Action		Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity
OUTPUT_CIMC_SERVER_SLOT_MAC_ADDRESS	MAC Address of the Server Slots.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_MAC_ADDRESS	MAC Address of the C Server Slot 1.	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_1_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_1_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_2_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_1_VHBA_2_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_MAC_ADDRESS	MAC Address of the C Server slot 2.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_MAC_ADDRESS	MAC Address of the C Server slot 3.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_MAC_ADDRESS	MAC Address of the C Server slot 4.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_MAC_ADDRESS	MAC Address of the C Server slot 5.	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_6_MAC_ADDRESS	MAC Address of the C Server slot 6.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_MAC_ADDRESS	MAC Address of the C Server slot 7.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_MAC_ADDRESS	MAC Address of the C Server slot 8.	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_1_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_1_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_2_VLAN	Name and FCoE VLAN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20)	gen_text_input
OUTPUT_RACK_SP_SLOT_2_VHBA_2_WWPN	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_L_MAC_ADDRESS	MAC Address of the C Server Slot L.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_MAC_ADDRESS	MAC Address of the C Server Slot M.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_MAC_ADDRESS	MAC Address of the C Server Slot HBA.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_MAC_ADDRESS	MAC Address of the C Server Slot MLOM.	gen_text_input

Run Rack Server Firmware Upgrade

Summary

Trigger a firmware upgrade on a rack server.

Description

This task triggers a firmware upgrade on a rack server based on the image profile selected.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image Profile	Choose a firmware image profile.	cimc_rack_server_firmware_image_profile	Y
	Choose the server platform. Only servers matching the platform are listed in the server's field		
Server	Choose a rack server. The firmware upgrade is triggered on the selected server.	cimcServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity
OUTPUT_RACK_SERVER_FIRMWARE_IMAGE_PROFILE_NAME	CIMC_RACK_SERVER_FIRMWARE_IMAGE_PROFILE	cimc_rack_server_firmware_image_profile

Select Rack Server

Summary

Select a rack server profile.

Description

This task selects a rack server profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Rack Server	Choose the rack server	cimcServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity
OUTPUT_CIMC_SERVER_SLOT_MAC_ADDRESS	MAC Address of the Server Slots.	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_L_1G_NIC1_MAC_ADDRESS	MAC Address output of 1G NIC1 (SLOT L) (Example: L@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_L_1G_NIC2_MAC_ADDRESS	MAC Address output of 1G NIC2 (SLOT L) (Example: vhb1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC3_MAC_ADDRESS	MAC Address output of 10G vNIC3 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC4_MAC_ADDRESS	MAC Address output of 10G vNIC4 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC5_MAC_ADDRESS	MAC Address output of 10G vNIC5 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_vNIC6_MAC_ADDRESS	MAC Address output of 10G vNIC6 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_vNIC1_MAC_ADDRESS	MAC Address output of 10G vNIC1 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_vNIC2_MAC_ADDRESS	MAC Address output of 10G vNIC2 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOTS_VHBA_WWNNADDRESS	Name and WWNN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: L@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOTS_VHBA_WWPNADDRESS	Name and WWPN of the virtual Host Bus Adapter that was created as part of rack server profile. (Example: L@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_VHBA1_WWPN_ADDRESS	WWPN Address output of 10G vHBA1 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_10G_VHBA2_WWPN_ADDRESS	WWPN Address output of 10G vHBA2 (VIC on MLOM SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_VHBA1_WWNN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_VHBA2_WWNN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_1_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 1@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_2_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 2@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_3_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 3@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_4_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 4@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_5_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 5@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_6_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 6@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_7_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 7@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_8_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: 8@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_M_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: M@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_HBA_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: HBA@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_VHBA1_WWPN_ADDRESS	WWNN Address output of 10G vHBA1 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_CIMC_SERVER_SLOT_MLOM_VIC_10G_VHBA2_WWPN_ADDRESS	WWNN Address output of 10G vHBA2 (VIC on PCI SLOT) (Example: MLOM@20:00:00:25:b5:00:aa:a1)	gen_text_input

Unassign Rack Server from Group

Summary

Unassign a rack server from a group.

Description

This task unassigns a rack server from a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Rack Server	Choose the rack server	cimeServerIdentity	Y

Outputs

No Outputs

Unconfigure Rack Server

Summary

Dissociates a rack server profile.

Description

This task dissociates a rack server profile from a CIMC server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Rack Server	Choose the rack server from which to remove the rack server profile	cimcServerIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CIMC_SERVER_IDENTITY	CIMC_SERVER	cimcServerIdentity

Upgrade Firmware on multiple UCS rack servers

Summary

Upgrade Firmware on multiple Cisco UCS rack servers

Description

Upgrade Firmware on multiple Cisco UCS rack servers

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Rack Servers	Select UCS Rack Servers for upgrade	cimcServerIdentity	
Image profile	Select Image Profile used for upgrading the server	cimc_rack_server_firmware_image_profile	
Time out	The default value is 75 min. The minimum value is 30 mins and the maximum value is 150 mins	gen_text_input	

Outputs

No Outputs



Resource Group Tasks

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APIC Container PXE iSCSI Wrapper

Summary

This Wrapper task populates the output for Deploying PXE iSCSI.

Description

This Task outputs the details for deploying PXE iSCSI.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Choose a container	ServiceContainer	Y
BM Name	Enter a bare metal node name	gen_text_input	Y
Additional BMs	Enter additional bare metal nodes	gen_text_input	

Outputs

Output	Description	Type
NETAPP_AGGREGATE_IDENTITY	Aggregate name provided during the onboarding operation was performed	aggregateClusterIdentity
NETAPP_NODE_IDENTITY	Node name provided during the onboarding operation was performed	netappClusterNodeIdentity
VLAN_POOL_POLICY_NAME	VLAN Pool Policy name provided during the onboarding operation was performed	gen_text_input
UCS_VLAN_POOL_POLICY_NAME	VLAN Pool Policy name provided during the onboarding operation was performed	gen_text_input
NETAPP_INTERFACE_GROUP_NAME	Interface group name provided during the onboarding operation was performed	gen_text_input
UCS_IQN_POOL	UCS IQN Pool provided during the onboarding operation was performed	ucsIqnPoolIdentity
NETAPP_PORT	NETAPP_PORT name provided during the onboarding operation was performed	gen_text_input
MULTI_ORG_IDENTITY	UCS_MULTI_ORG_IDENTITY name provided during the onboarding operation was performed	ucsMultiOrganizationIdentity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
NETAPP_VLAN_ID	VLAN name provided during the onboarding operation was performed	vlanID
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
OUTPUT_UCS_SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_MAC_POOL_IDENTITY	MACPOOL IDENTITY	ucsMacPoolIdentity

Output	Description	Type
UCS_ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_FI	UCS Fabric Interconnect Identity	ucsFabricInterconnect Identity
UCS_FI_A_STATIC_PATH	UCS Fabric Interconnect A static path	ApicDeviceStaticPath Identity
UCS_FI_B_STATIC_PATH	UCS Fabric Interconnect B static path	ApicDeviceStaticPath Identity
UCS_NETAPP_STATIC_PATH	NetApp static path	ApicDeviceStaticPath Identity
UCS_SP_VNIC_NAME	Service Profile vNIC Name	gen_text_input
UCS_SP_ISCSI_VNIC_NAME	Service Profile iSCSI vNIC Name	gen_text_input
UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
BMA_EPG_IDENTITY	BMA EPG Identity	ApicDeviceTenant EPGIdentity
TENAANT_EPG_IDENTITY	Tenant EPG Identity	ApicDeviceTenant EPGIdentity
BMA_IP_ADDR	BMA IP Address	gen_text_input
BMA_SUBNET	BMA Subnet Mask	gen_text_input
BMA_DEFAULT_GW	BMA Gateway IP Address	gen_text_input
BMA_OS_TYPE	BMA OS	OSType
BM_HOSTNAME	HOST NAME	gen_text_input
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
STORAGE_DOMAIN_PROFILE_IDENTITY	APIC_STORAGE_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	vServer Multi Identity	netappClusterVServer Identity

Baremetal Provisioning Wrapper for VNX

Summary

This Task Provisions Bare metal for VNX.

Description

This task is used to Provisions Bare metal for VNX based on Container name and BM Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Choose a container	ServiceContainer	Y
BM Name	Enter a bare metal node name	gen_text_input	Y
Additional BMs	Enter additional bare metal nodes	gen_text_input	

Outputs

Output	Description	Type
UCS_VLAN_POOL_POLICY_NAME	VLAN Pool Policy name provided during the onboarding operation was performed	gen_text_input
MULTI_ORG_IDENTITY	UCS_MULTI_ORG_IDENTITY name provided during the onboarding operation was performed	ucsMultiOrganization Identity
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
OUTPUT_UCS_SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
UCS_ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_FI	UCS Fabric Interconnect Identity	ucsFabricInterconnect Identity
UCS_FI_A_STATIC_PATH	UCS Fabric Interconnect A static path	ApicDeviceStaticPath Identity
UCS_FI_B_STATIC_PATH	UCS Fabric Interconnect B static path	ApicDeviceStaticPath Identity
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB	Physical Server Reserved Space in GB	gen_text_input
BMA_EPG_IDENTITY	BMA EPG Identity	ApicDeviceTenant EPGIdentity
GROUP_ID	ID of the group that was created by admin	gen_text_input

Output	Description	Type
TENAANT_EPG_IDENTITY	Tenant EPG Identity	ApicDeviceTenant EPGIdentity
BMA_IP_ADDR	BMA IP Address	gen_text_input
BMA_SUBNET	BMA Subnet Mask	gen_text_input
BMA_DEFAULT_GW	BMA Gateway IP Address	gen_text_input
BMA_OS_TYPE	BMA OS	OSType
BM_HOSTNAME	HOST NAME	gen_text_input
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfileIdentity
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy
STORAGE_ACCOUNT_NAME	Storage Account Name selected for Tenant Onboarding	gen_text_input
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_ACCOUNT_TYPE	Storage Account Type	gen_text_input
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolType Selector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_BOOT_POLICY	UCS Boot Policy Identity	ucsBootPolicyIdentity
OUTPUT_VNX_ZONE_PORT1	Generic Storage FC Adapter List	GENERIC_FC_ADAPTER_LIST
OUTPUT_VNX_ZONE_PORT2	Generic Storage FC Adapter List	GENERIC_FC_ADAPTER_LIST

Output	Description	Type
OUTPUT_VNX_ZONE_PORT1_WWPN	Generic Storage FC Adapter WWPN	gen_text_input
OUTPUT_VNX_ZONE_PORT2_WWPN	Generic Storage FC Adapter WWPN	gen_text_input
OUTPUT_VMWARE_CLUSTER_NAME	VMware Cluster Name	gen_text_input
OUTPUT_VNX_HOST_PORT1	EMC VNX SP Port Identity	emcSPPortIdentity
OUTPUT_VNX_HOST_PORT2	EMC VNX SP Port Identity	emcSPPortIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
SERVICE_CONTAINER_NAME	Container Name	gen_text_input
UCS_VLAN_IDENTITY	UCS VLAN IDENTITY	ucsVlanIdentity
APIC_PRIVATE_VLAN_IDENTITY	APIC Private VLAN Identity	ucsVlanIdentity
OUTPUT_STORAGE_GROUP_NAME	Storage Group Name for BMA	gen_text_input
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_MDS_IDENTITY1		infraNetCiscoSanDeviceIdentity
OUTPUT_MDS_IDENTITY2		infraNetCiscoSanDeviceIdentity
OUTPUT_CONFIGURE_FI_B	Configure Fabric B	Boolean

Check Hyperv Host Association With DataStore

Summary

This Task Checks Hyper-V Host Association With DataStore.

Description

This task is used to check whether Hyper-V host associated with datastore or not based on inputs like Host and Hyper V Datastore..

Inputs

Input	Description	Mappable To Type	Mandatory
Hyper-V Multi Host	Choose one or more Hyper-V host	hypervMultiHost	Y
Hyper-V Multi Datastore	Choose one or more Hyper-V datastore	hypervMultiDatastore	Y
No Of Hosts	Choose the number of outputs		

Outputs

Output	Description	Type
OUTPUT_HYPERV_MULTI_HOST	Hyper-V Multiple Host Identity	hypervMultiHost
OUTPUT_HYPERV_MULTI_DATASTORE	Hyper-V Multi Datastore Identity	hypervMultiDatastore
OUTPUT_HYPERV_HOST	Hyper-V Host Identity	hypervHost
OUTPUT_HYPERV_DATASTORE	Hyper-V Datastore Identity	hyperVDatastoreIdentity

Check VMWare Host/Cluster Association With DataStore/DataStore Cluster

Summary

This Task Checks VMWare Host/Cluster Association With DataStore/DataStore Cluster.

Description

This task is used to check whether VMWare Host/Cluster associated with DataStore/DataStore Cluster or not based on inputs like Host,Cluster and Datastore..

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host/Cluster	Select the Host/Cluster to perform operation on.	vmwareHostorCluster	Y
VMware Hosts	Choose one or more VMware hosts	vmwareHostMultiSelect	Y
VMware Cluster	Choose one or more VMware clusters	vmwareMultiClusterIdentity	Y
Datstores	Choose one or more datstores	vmwareMultiDatastoreIdentity	Y
Select Datastore Cluster	Choose one or more datastore clusters	vmwareMultiDatastoreCluster Identity	Y
Resource Pool	Choose one or more resource pools	vmwareResourcePoolMulti Select	

Outputs

Output	Description	Type
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity
OUTPUT_VMWARE_HOST_NODE_IDENTITY	OUTPUT_VMWARE_HOST_NODE_IDENTITY	vmwareHostNodeIdentity
OUTPUT_VMWARE_CLUSTER	OUTPUT_VMWARE_CLUSTER	vmwareClusterIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	OUTPUT_VMWARE_DATASTORE_IDENTITY	vmwareDatastoreIdentity
OUTPUT_DATASTORE_CLUSTER_IDENTITY_VMWARE	Datastore Cluster Identity	vmwareDatastoreCluster Identity

Common APIC Contract Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
New Contract Identity		ApicDeviceTenantContractIdentity	
Existing Contract Identity		ApicDeviceTenantContractIdentity	

Outputs

Output	Description	Type
COMMON_CONTRACT_IDENTITY	Common Contract Identity	ApicDeviceTenantContract Identity

Common APIC Contract Subject Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
New Contract Subject Identity		ApicTenantContractSubjectIdentity	
Existing Contract Subject Identity		ApicTenantContractSubjectIdentity	

Outputs

Output	Description	Type
COMMON_IDENTITY	Common Contract Subject Identity	ApicTenantContractSubjectIdentity

Common Service Graph Node Identity

Summary

This task allows to create a common identity for Service Graph node in case of any L4-L7 service like firewall, Load balancer.

Description

Inputs

Input	Description	Mappable To Type	Mandatory
New SG Node Identity		ApicTenantL4L7ServiceGraphNodeIdentity	
Existing SG Node Identity		ApicTenantL4L7ServiceGraphNodeIdentity	
New SG Identity		ApicDeviceTenantServiceGraphIdentity	
Existing SG Identity		ApicDeviceTenantServiceGraphIdentity	

Outputs

Output	Description	Type
COMMON_SG_NODE_IDENTITY		ApicTenantL4L7ServiceGraphNodeIdentity
COMMON_SG_IDENTITY		ApicDeviceTenantServiceGraphIdentity

Common Tenant Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
New Tenant Identity		ApicDeviceTenantIdentity	
Existing Tenant Identity		ApicDeviceTenantIdentity	
New Group Id		gen_text_input	
Existing Group Id		gen_text_input	

Outputs

Output	Description	Type
COMMON_TENANT_IDENTITY		ApicDeviceTenantIdentity
COMMON_GROUP_ID		gen_text_input
COMMON_USER_GROUP_ID		userGroup

Create IP Pool Policy for Supernet

Summary

Creates the UCSD's IP Pool Policy respective to each supernet/subnet provided in task

Description

Tenant Name : The Tenant name under which Private Networks will be getting created. Private Network Name : Private Network name under which VDC's will be getting created. No.of VDCs : The number which uses to splits down the no.of subnets on given supernet. Suernet/Subnet : X.X.X.X/XXX the supernet information which will have to be slit down in to subnets.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Network Names	Enter the network names separated by commas	gen_text_input	Y
Supernets	Enter the supernets	gen_text_input	Y
No. VDCs	Enter the number of VDCs	gen_text_input	
Subnets	Enter the subnets	gen_text_input	Y

Outputs

Output	Description	Type
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
OUTPUT_SUPERNETS	Supernets	gen_text_input
OUTPUT_SUBNETS	Subnets	gen_text_input
OUTPUT_SUBNET_IP_POOL_POLICY	Subnet IP Pool Policy	gen_text_input
OUTPUT_SUPERNET_IP_POOL_POLICY	Supernet IP Pool Policy	gen_text_input

Create UCSD Tag

Summary

This Task will allow the User to Create a new Tag.

Description

This Task will allow the User to Create a new Tag which further can be associated with Resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Tag Name	Enter the tag name of up to 32 characters. The name may include alphanumeric characters and the following four special characters: '!', '-', '.', ':'. .	gen_text_input	Y
Description	Enter a description of up to 128 characters	gen_text_input	
Type	Choose either string or integer	gen_text_input	Y
Possible Tag Values	Enter comma-separated strings or character ranges. For example: M1, M2, M3, a-z, A-Z, a-j	gen_text_input	Y
Taggable Entity	Choose one or more taggable entities	rgTaggableEntity Identities	Y

Outputs

Output	Description	Type
OUTPUT_TAG_NAME	OUTPUT_TAG_NAME	rgTagNameIdentity
OUTPUT_TAG_VALUE	OUTPUT_TAG_VALUE	rgTagValueIdentity
OUTPUT_TAGGABLE_ENTITY	OUTPUT_TAGGABLE_ENTITY	rgTaggableEntityIdentity

Create UCSD Tenant

Summary

This Task creates UCSD Tenant.

Description

This task is used to create UCSD Tenant based on the inputs like Tenant Name, Service offering and Tenant Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant Description	Enter a tenant description	gen_text_input	
Tenant Profile	Choose a tenant profile	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y

Outputs

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
OUTPUT_TENANT_PROFILE_IDENTITY	Resource Group Tenant Profile	rgTenantProfileIdentity
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
RESOURCEGROUP_NAME	Resource group name	gen_text_input
OUTPUT_RESOURCEGROUP_IDENTITY	Resource group name	ResourceGroupName
OUTPUT_UCSD_TENANT_IDENTITY	UCSD Tenant Identity	UCSDTenantIdentity

DR Tenant Onboarding Wrapper for VNX

Summary

This task get the input for DR use case onboarding workflow and generates the required inputs for the tasks available in the work flow

Description

This task is used to Get inputs for Onboarding Tenant like Tenant Name,Service Offering,CPU,Memory,Datastore Size and IP Subnet Pool Policy etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfile Identity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Private IP SubnetPool Policy	Choose a subnet pool policy based on the user-selected policy at tenant onboarding time	IPSubnetPoolPolicy	Y
Resources For ND	Select resources for network device	ResourcesForND	
Memory Resource Reservation (MB)(For ND)	Enter the required memory in MB for network devices	gen_text_input	
No Of CPU(For ND)	Enter the number of CPUs for network devices	gen_text_input	
Datastore Size(GB)(ND)	Enter the required datastore size including the physical server storage reservation in GB for network devices	gen_text_input	
CPU Resource Reservation (MHz) For ND	Enter the CPU resource reservation in MHz	gen_text_input	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_DESCRIPTION	Tenant description provided during the onboarding operation was performed	gen_text_input

Output	Description	Type
MSP_ADMIN_USER_NAME	Admin name for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
MSP_ADMIN_PASSWORD	Admin password for the MSP Tenant provided during the onboarding operation was performed	password
MSP_ADMIN_EMAIL	Admin email for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenant Identity
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
BRIDGE_DOMAIN_NAME	Bridge domain name provided during the onboarding operation was performed	gen_text_input
APPLICATION_PROFILE_NAME	Application profile name provided during the onboarding operation was performed	gen_text_input
EPG_NAME	EPG name provided during the onboarding operation was performed	gen_text_input
VMM_DOMAIN_PROFILE_IDENTITY	Domain name provided during the onboarding operation was performed	ApicDomainProfile Identity
OUTPUT EMC_HOST_EMPTY	VNX Host Identity empty or not	gen_text_input
OUTPUT EMC_STORAGEGROUP_EMPTY	VNX Storage Group empty or not	gen_text_input
FULL_WIDTH_BLADE_COUNT	Full Width Blade Count	gen_text_input
HALF_WIDTH_BLADE_COUNT	Half Width Blade Count	gen_text_input
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB	Physical Server Reserved Space in GB	gen_text_input
UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input
UCS_SP_TEMPLATE_NAME_HALF_WIDTH	Service Profile Template Name	gen_text_input
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity

Output	Description	Type
OUTPUT_UCS_ORG_IDENTITY_HALF_WIDTH	UCS Organization Identity	ucsOrganizationIdentity
TOTAL_BLADE_COUNT	Total Blade Count	gen_text_input
TOTAL_VDC_COUNT	Total VDC Count	gen_text_input
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input
DATASTORE_CLUSTER_NAME	DATASTORE_CLUSTER_NAME	gen_text_input
VMWARE_HOSTNODE_IDENTITY	VMWARE_HOST_NODE_IDENTITY provided during the onboarding operation was performed	vmwareHostNodeIdentity
VMWARE_HOST_OR_CLUSTER	VMWARE HOST OR CLUSTER	vmwareHostorCluster
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity
VMWARE_PARENT_RESOURCE_POOL_IDENTITY	VMWARE Parent Resource Pool Identity	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
OUTPUT_STORAGE_ACCOUNT_TYPE	Storage Account Type	gen_text_input
STORAGE_ACCOUNT_NAME	Storage Account Name selected for Tenant Onboarding	gen_text_input
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolTypeSelector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePoolIdentity
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_STORAGE_POOL_RAID_TYPE	Storage Pool Raid Type	gen_text_input
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input

Output	Description	Type
OUTPUT EMC VNX HOST IDENTITY	EMC VNX Host Identity	emcHostIdentity
OUTPUT EMC VNX STORAGE PROCESSOR IDENTITY	EMC VNX Storage Processor Identity	EMC_StorageProcessor Identity
VMWARE_MULTI_HOST IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMultiSelect
STORAGE_MULTI_HOST IDENTITY	STORAGE_MULTI_HOST IDENTITY provided during the onboarding operation was performed	vmwareHostMultiSelect
PHYSICAL_DOMAIN_PROFILE IDENTITY	APIC_PHYSICAL_DOMAIN IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
SUBNET_MASK	SUBNET_MASK name provided during the onboarding operation was performed	gen_text_input
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy
VMWARE_IP_POOL_POLICY	VMWARE_IP_POOL_POLICY provided during the onboarding operation was performed	VMWareIPPoolPolicy
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
OUTPUT_VMWARE_DV_SWITCH_NAME	VMWARE_DV_SWITCH_NAME provided during the onboarding operation was performed	VMwareDVSwitch Identity
VMWARE_UPLINK_PORT	VMWARE_UPLINK_PORT provided during the onboarding operation was performed	uplinkPortGroupLovList
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
OUTPUT_REPLICA EMC VNX ACCOUNT IDENTITY	EMC VNX Account Identity for Replication	EMC_AccountIdentity
OUTPUT_REPLICA_STORAGE_GROUP IDENTITY	Copy EMC VNX Storage Group Identity	emcStorageGroup Identity
OUTPUT_REPLICA_VNX_STORAGE_POOL_TYPE	Replica EMC VNX Storage Pool Type	emcStoragePoolType Selector
OUTPUT_REPLICA_VNX_RAID_GROUP IDENTITY	Replica EMC VNX Raid Group Identity	emcRAIDGroupIdentity

Output	Description	Type
OUTPUT_REPLICA_VNX_STORAGE_POOL_IDENTITY	Replica EMC VNX Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_REPLICA_VNX_RAID_TYPE	Replica EMC VNX RAID Type	gen_text_input
OUTPUT_PRODUCTION_STORAGE_GROUP_IDENTITY	Production EMC VNX Storage Group Identity	emcStorageGroup Identity
OUTPUT_JOURNAL_VOLUME_COUNT	Journal Volume Count	gen_text_input
OUTPUT_JOURNAL_VOLUME_SIZE	Journal Volume Size	gen_text_input
OUTPUT_IS_REPLICA_REQUIRED	Is Replication Required for the Production LUN?	gen_text_input
L2/L3_OUT	L2L3 Out Tier configuration	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
OUTPUT_L2_BRIDGE_DOMAIN_NAME	L2 Bridge Domain name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_APPLICATION_PROFILE	L2 Application name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_EPG_NAME	L2 EPG name provided during the onboarding operation was performed	gen_text_input
TENANT_EPG_DPC_STATIC_PATH1	DPC Static Path1	ApicDeviceDPCStatic PathIdentity
TENANT_EPG_DPC_STATIC_PATH2	DPC Static Path2	ApicDeviceDPCStatic PathIdentity
OUTPUT_L2_VLAN	L2 Vlan	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomain Identity
DATASTORE_NAME	DATASTORE_NAME	gen_text_input
OUTPUT_IP_SUBNET_POOL_POLICY	IP Subnet Pool policy	IPSubnetPoolPolicy
OUTPUT_L2_VLAN_POOL	L2 Vlan Pool	ApicVlanPoolIdentity
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input
OUTPUT_NODE1_IDENTITY	Node Identity1	ApicFabricNodeIdentity
OUTPUT_NODE2_IDENTITY	Node Identity2	ApicFabricNodeIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_1	APIC Physical Routed Sub Interface Identity 1	ApicDeviceStaticPath Identity

Output	Description	Type
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_2	APIC Physical Routed Sub Interface Identity 2	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_3	APIC Physical Routed Sub Interface Identity 3	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_4	APIC Physical Routed Sub Interface Identity 4	ApicDeviceStaticPath Identity
OUTPUT_NEXUS1_IP	Nexus Device IP	ipaddress
OUTPUT_NEXUS1_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS1_PASSWORD	Nexus Device Password	password
OUTPUT_NEXUS2_IP	Nexus Device IP	ipaddress
OUTPUT_NEXUS2_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS2_PASSWORD	Nexus Device Password	password
OUTPUT_LOOP_BACK_IP_POOL_POLICY	Loop Back IP Subnet Pool Policy	IPSubnetPoolPolicy
OUTPUT_TENANT_IP_SUBNET	Tenant IP Subnet	gen_text_input
OUTPUT_TENANT_NO_OF_SUBNET	Number of Subnet Per Tenant	gen_text_input
OUTPUT_SUB_INTERFACE_IP_ADDRESS_1	SubInterface IP Address 1	ipaddress
OUTPUT_SUB_INTERFACE_IP_ADDRESS_2	SubInterface IP Address 2	ipaddress
OUTPUT_SUB_INTERFACE_IP_ADDRESS_3	SubInterface IP Address 3	ipaddress
OUTPUT_SUB_INTERFACE_IP_ADDRESS_4	SubInterface IP Address 4	ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_1	Gateway IP Address 1	ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_2	Gateway IP Address 2	ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_3	Gateway IP Address 3	ipaddress
OUTPUT_GATEWAY_IP_ADDRESS_4	Gateway IP Address 4	ipaddress
OUTPUT_LOOPBACK_IP_SUBNET_1	Loopback IP Subnet 1	gen_text_input
OUTPUT_LOOPBACK_IP_SUBNET_2	Loopback IP Subnet 2	gen_text_input

Output	Description	Type
OUTPUT_LOOPBACK_IP_SUBNET_3	Loopback IP Subnet 3	gen_text_input
OUTPUT_LOOPBACK_IP_SUBNET_4	Loopback IP Subnet 4	gen_text_input
OUTPUT_LOOPBACK_IP_ADDRESS_1	Loopback IP Address 1	ipaddress
OUTPUT_LOOPBACK_IP_ADDRESS_2	Loopback IP Address 2	ipaddress
OUTPUT_LOOPBACK_IP_ADDRESS_3	Loopback IP Address 3	ipaddress
OUTPUT_LOOPBACK_IP_ADDRESS_4	Loopback IP Address 4	ipaddress
OUTPUT_CONSISTENCY_GROUP_NAME	Consistency group name	gen_text_input
OUTPUT_CONSISTENCY_PRODUCITON_COPY	Consistency production copy	gen_text_input
OUTPUT_RP_ACCOUNT_IDENTITY	Recover Point account identity	RecoverPointAccount Identity
OUTPUT_RP_CLUSTER_IDENTITY	Recover Point cluster identity	RecoverPointCluster Identity
OUTPUT_IS_PRIMARY_TENANT	Is primary tenant	Boolean
OUTPUT_IS_TENANT_UPDATE	Is Tenant update required	Boolean
OUTPUT_RP_REPLICATION_SETS	Recover Point Replication sets	gen_text_input
OUTPUT_RECOVERPOINT_CLUSTER_NAME	Recover Point Cluster Name	gen_text_input
OUTPUT_RP_STORAGE_POOL_IDENTITY	RP Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_RP_STORAGE_GROUP_IDENTITY	RP Storage Group Identity	emcStorageGroup Identity
OUTPUT_HLU_LIST	VNX HLU list	gen_text_input
OUTPUT_TENANT_CONSISTENCY_GROUP_IDENTITY	Tenant consistency group identity	RecoverPointConsistency GroupIdentity
OUTPUT_PRIMARY_CONSISTENCY_GROUP_COPY_IDENTITY	Primary consistency group copy identity	RecoverPointConsistency GroupCopyIdentity
OUTPUT_SECONDARY_CONSISTENCY_GROUP_COPY_IDENTITY	Secondary consistency group copy identity	RecoverPointConsistency GroupCopyIdentity

Output	Description	Type
OUTPUT_TOTAL_CPU_LIMIT_FOR_ND_IN_MHz	Total CPU For ND in MHz	gen_text_input
OUTPUT_NO_OF_CPU_FOR_ND	No of CPU Required For ND	gen_text_input
TOTAL_MEMORY_LIMIT_FOR_ND_IN_MB	Total Memory For ND in GB	gen_text_input
DATASTORE_SIZE_FOR_ND_GB	Datastore Size in GB.	gen_text_input
RESOURCE_POOL_NAME_ND	RESOURCE_POOL_NAME_FOR_ND provided during the onboarding operation was performed	gen_text_input
OUTPUT_VMWARE_CLUSTER_ND_IDENTITY	VMWARE Cluster For ND Identity	vmwareClusterIdentity
OUTPUT_RESOURCEPOOL_CPU_RESERVATION_FOR_ND_IN_MHz	CPU Memory Reservation For ND	gen_text_input
OUTPUT_NEW_RESOURCES_FOR_ND	Creating New Resource For Network Devices	ResourcesForND
OUTPUT_PRIVATE_IP_SUBNET_POOL_POLICY_IDENTITY	Private IP Subnet Pool Policy Identity	IPSubnetPoolPolicy

DR Tenant Resource Allocation

Summary

This task stores the data required for the DR Tenant Onboarding process.

Description

This task will help us to store the Primary Tenant Details and it can be used during the DR Tenant Onboarding.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Resource Group	Enter a resource group	gen_text_input	Y
Service Offering	Enter a service offering name	ServiceOfferingName	Y
Storage Pool	Choose a storage pool	emcBlockStoragePool Identity	
NetApp VLAN	Enter NetApp VLAN	netappClusterv LANIdentity	
UCS Vlan Group	Enter the UCS VLAN group	gen_text_input	
VMM Domain VLAN	Enter VMM Domain VLAN	vlanID	
APIC Account Name	Provide APIC Account Name	ApicDeviceIdentity	
L2 Out EPG Identity	Enter an EPG name	ApicDeviceTenant EPGIdentity	
L2 Out Bridge Domain	Enter a bridge domain	ApicDeviceTenantBridge DomainIdentity	
Tenant Private Network Name	Choose a private network name	ApicDeviceTenantPrivate NetworkIdentity	
Physical Server Reserved Space(GB)	Enter the physical server reserved space in GB	gen_text_input	
L3 Private Network Name	Choose an L3 private network name	ApicDeviceTenantPrivate NetworkIdentity	
SubInterface IP Address 1	Enter subinterface IP address 1	ipaddress	
Gateway IP Address 1	Enter gateway IP address 1	ipaddress	
SubInterface IP Address 2	Enter subinterface IP address 2	ipaddress	
Gateway IP Address 2	Enter gateway IP address 2	ipaddress	
SubInterface IP Address 3	Enter subinterface IP address 3	ipaddress	
Gateway IP Address 3	Enter gateway IP address 3	ipaddress	
SubInterface IP Address 4	Enter subinterface IP address 4	ipaddress	
Gateway IP Address 4	Enter gateway IP address 4	ipaddress	

Input	Description	Mappable To Type	Mandatory
Loopback IP Address 1	Enter loopback IP address 1	ipaddress	
Loopback IP Subnet 1	Enter loopback IP subnet 1	gen_text_input	
Loopback IP Address 2	Enter loopback IP address 2	ipaddress	
Loopback IP Subnet 2	Enter loopback IP subnet 2	gen_text_input	
Loopback IP Address 3	Enter loopback IP address 3	ipaddress	
Loopback IP Subnet 3	Enter loopback IP subnet 3	gen_text_input	
Loopback IP Address 4	Enter loopback IP address 4	ipaddress	
Loopback IP Subnet 4	Enter loopback IP subnet 4	gen_text_input	
HLU List	Enter an HLU list	gen_text_input	
Replication Set List	Enter a replication set list	gen_text_input	
Tenant Consistency Group	Enter a tenant consistency group	RecoverPointConsistencyGroupIdentity	
Primary Consistency Group Copy	Enter the primary consistency group copy	RecoverPointConsistencyGroupCopyIdentity	
Secondary Consistency Group Copy	Enter the secondary consistency group copy	RecoverPointConsistencyGroupCopyIdentity	
Supernets	Enter the supernets	gen_text_input	
Subnets	Enter the subnets	gen_text_input	

Outputs

No Outputs

DR Update Tenant Wrapper

Summary

This task get the input for DR Update use case onboarding workflow and generates the required inputs for the tasks available in the work flow

Description

This task is used to Get inputs for updating existing tenant like Tenant Name,Service Offering,CPU and Datastore Size etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Choose a tenant name	rg_Tenants	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Type	Select type host or cluster	vmwareHostorCluster	Y
Datastore Size	Enter the required datastore size including the physical server storage reservation in GB	gen_text_input	
No Of CPU	Enter the number of CPUs	gen_text_input	
Memory Resource Reservation (MB)	Enter the required memory in MB	gen_text_input	
No. VDCs	Enter the number of VDCs	gen_text_input	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB	Physical Server Reserved Space in GB	gen_text_input
UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input
UCS_SP_TEMPLATE_NAME_HALF_WIDTH	Service Profile Template Name	gen_text_input
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
OUTPUT_UCS_ORG_IDENTITY_HALF_WIDTH	UCS Organization Identity	ucsOrganizationIdentity

Output	Description	Type
TOTAL_BLADE_COUNT	Total Blade Count	gen_text_input
TOTAL_VDC_COUNT	Total VDC Count	gen_text_input
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input
DATASTORE_CLUSTER_NAME	DATASTORE_CLUSTER_NAME	gen_text_input
DATASTORE_CLUSTER_IDENTITY	DATASTORE_CLUSTER_IDENTITY	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolType Selector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_STORAGE_POOL_RAID_TYPE	Storage Pool Raid Type	gen_text_input
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input
OUTPUT_EMV_VNX_HOST_IDENTITY	EMC VNX Host Identity	emcHostIdentity
OUTPUT_EMV_VNX_STORAGE_PROCESSOR_IDENTITY	EMC VNX Storage Processor Identity	EMC_StorageProcessor Identity
STORAGE_MULTI_HOST_IDENTITY	STORAGE_MULTI_HOST_IDENTITY provided during the onboarding operation was performed	vmwareHostMultiSelect
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity

Output	Description	Type
RESOURCE_POOL_MEMORY_RESERVATION_IN_MB	RP Memory in GB	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
CPU_MEMORY_VALUE	Cpu and Memory value check	gen_text_input
OUTPUT_CONSISTENCY_GROUP_NAME	Consistency group name	gen_text_input
OUTPUT_CONSISTENCY_PRODUCITON_COPY	Consistency production copy	gen_text_input
OUTPUT_RP_ACCOUNT_IDENTITY	Recover Point account identity	RecoverPointAccount Identity
OUTPUT_RP_CLUSTER_IDENTIY	Recover Point cluster identity	RecoverPointCluster Identity
OUTPUT_IS_PRIMARY_TENANT	Is primary tenant	Boolean
OUTPUT_IS_TENANT_UPDATE	Is Tenant update required	Boolean
OUTPUT_RP_REPLICATION_SETS	Recover Point Replication sets	gen_text_input
OUTPUT_RECOVERPOINT_CLUSTER_NAME	Recover Point Cluster Name	gen_text_input
OUTPUT_RP_STORAGE_POOL_IDENTITY	RP Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_RP_STORAGE_GROUP_IDENTITY	RP Storage Group Identity	emcStorageGroupIdentity
OUTPUT_HLU_LIST	VNX HLU list	gen_text_input
OUTPUT_TENANT_CONSISTENCY_GROUP_IDENTITY	Tenant consistency group identity	RecoverPointConsistency GroupIdentity
OUTPUT_PRIMARY_CONSISTENCY_GROUP_COPY_IDENTITY	Primary consistency group copy identity	RecoverPointConsistency GroupCopyIdentity
OUTPUT_SECONDARY_CONSISTENCY_GROUP_COPY_IDENTITY	Secondary consistency group copy identity	RecoverPointConsistency GroupCopyIdentity
OUTPUT_EMC_HOST_EMPTY	VNX Host Identity empty or not	gen_text_input
OUTPUT_EMC_STORAGEGROUP_EMPTY	VNX Storage Group empty or not	gen_text_input
OUTPUT_IS_REPLICA_REQUIRED	Is Replication Required for the Production LUN?	gen_text_input
CPU_MEMORY_VALUE_ND	Cpu and Memory value check For ND	gen_text_input

Output	Description	Type
OUTPUT_TOTAL_CPU_LIMIT_FOR_ND_IN_MHz	Total CPU For ND in MHz	gen_text_input
OUTPUT_NO_OF_CPU_FOR_ND	No of CPU Required For ND	gen_text_input
OUTPUT_RESOURCEPOOL_CPU_RESERVATION_FOR_ND_IN_MHz	CPU Memory Reservation For ND	gen_text_input
TOTAL_MEMORY_LIMIT_FOR_ND_IN_MB	Total Memory For ND in GB	gen_text_input
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY_ND	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY_ND	vmwareResourcePool Identity

Delete IP Pool Policy for Supernet

Summary

Deletes the UCSD's IP Pool Policy

Description

IP Pool Policy : The pool policy name which needs to be deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Policy Name	Enter a policy name	gen_text_input	Y

Outputs

No Outputs

Delete Persist Private Network Info

Summary

Delete persisted private network info.

Description

This task deletes private network information that was stored during container provisioning.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Delete TAG

Summary

This Task will allow the User to Delete an existing Tag.

Description

This Task will allow the User to Delete an existing Tag if it is not associated with any Resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Tag	Choose a tag name	rgTagIdentity	Y

Outputs

No Outputs

Get Resource Group Environment Variables

Summary

This task will get Get Resource Group Environment Variables

Description

Its a generic task and it's used to get the environment variables configured in the Resource Group based on the selected account. We can define the required output from the task and we can provide account as filter criteria for each output. The task will provide the configured Environment Variable.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Get Resource Group Objects

Summary

This task will get Resource Group Objects information

Description

Its a generic task and it's used to filter out the resources from the Resource Group based on the filter criteria. We can define the required output from the task and we can provide filter criteria for each resources. The task will provide the filtered resource as output.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Get Tenant Resource Objects

Summary

This task will get Get Tenant Resource Objects

Description

Its a generic task and it's used to filter out the resources from Tenant vPOD based on the filter criteria provided. We can define the required output from the task and we can provide the filter criteria for each resources. The task will provide the filtered resource as output.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Identify Physical Compute Resources

Summary

This Task identifies matching Physical Compute resource entities from selected resource group.

Description

This Task identifies Physical Compute resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
UCS_MULTI_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Multi Service Profile Template Identity	ucsMultiServiceProfileTemplateIdentity
OUTPUT_MULTI_UCS_SERVER_IDENTITY	UCS Multi Server Identity	ucsMultiServerIdentity
OUTPUT_MULTI_UCS_SERVER_POOL_IDENTITY	UCS Multi Server Pool Identity	ucsMultiServerPooledSlotIdentity
OUTPUT_UCS_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Service Profile Template Identity	ucsServiceProfileTemplateIdentity
OUTPUT_UCS_SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
OUTPUT_UCS_SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity
OUTPUT_UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
OUTPUT_UCS_SERVER_POOL_IDENTITY	UCS Server Pool Identity	ucsServerPoolIdentity
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName

Identify Physical Network Resources

Summary

This Task identifies matching Physical Network resource entities from selected resource group.

Description

This Task identifies Physical Network resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
OUTPUT_APIC_DEVICE_MULTI_IDENTITY	APIC Controller Multi Identity	ApicDeviceMultiIdentity
OUTPUT_APIC_DEVICE_IDENTITY	APIC Controller Identity	ApicDeviceIdentity
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName

Identify Physical Storage Resources

Summary

This Task identifies matching Physical Storage resource entities from selected resource group.

Description

This Task identifies Physical Storage resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
OUTPUT_NETAPP_CLUSTER_VSERVER_MULTI_IDENTITY	vServer Multi Identity	netappClusterVServerMultiIdentity
OUTPUT_VFILER_MULTI_IDENTITY	vFiler Multi Identity	vFilerMultiIdentity
OUTPUT_NETAPP_AGGREGATE_MULTI_IDENTITY	NetAPP Aggregate Identity	aggregateMultiIdentity
OUTPUT_NETAPP_CLUSTER_VSERVER_IDENTITY	vServer Multi Identity	netappClusterVServerIdentity
OUTPUT_VFILER_IDENTITY	vFiler Multi Identity	vFilerIdentity
NETAPP_AGGREGATE_IDENTITY	Aggregate name provided during the onboarding operation was performed	aggregateClusterIdentity
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePoolIdentity
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_VNX_HOST_PORT1	EMC VNX SP Port Identity	emcSPPortIdentity
OUTPUT_STORAGE_POOL_MULTI_IDENTITY	Multi Storage Pool Identity	emcmultiBlockStoragePoolIdentity
OUTPUT_RAID_GROUP_MULTI_IDENTITY	Multi RAID Group Identity	emcmultiRAIDGroupIdentity
OUTPUT_PORT_MULTI_IDENTITY	Multi Port Identity	emcmultiPortIdentity
RESOURCEGROUP_NAME	Resource group name	gen_text_input

Output	Description	Type
OUTPUT_EMC_VMAX_DISK_GROUP_IDENTITY_MULTI_IDENTITY	VMAX Disk Group Multi Identity	EMCVMAXStorageTierDiskGroupNameList
OUTPUT_EMC_VMAX_DISK_GROUP_IDENTITY	VMAX Disk Group Identity	EMCVMAXStorageTierDiskGroupNameList
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName

Identify Virtual Compute Resources

Summary

This Task identifies matching Virtual Compute resource entities from selected resource group.

Description

This Task identifies Virtual Compute resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_MULTI_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_MULTI_RESOURCE_POOL_IDENTITY	vmwareResourcePool MultiSelect
VMWARE_MULTI_HOST_IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMultiSelect
OUTPUT_VMWARE_MULTI_CLUSTER	OUTPUT_VMWARE_MULTI_CLUSTER	vmwareMultiCluster Identity
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity
OUTPUT_VMWARE_HOST_NODE_IDENTITY	OUTPUT_VMWARE_HOST_NODE_IDENTITY	vmwareHostNodeIdentity
OUTPUT_VMWARE_CLUSTER	OUTPUT_VMWARE_CLUSTER	vmwareClusterIdentity
RESOURCEGROUP_NAME	Resource group name	gen_text_input
OUTPUT_VMWARE_DATACENTER	OUTPUT_VMWARE_DATACENTER	gen_text_input
OUTPUT_VMWARE_MULTI_DATACENTER	OUTPUT_VMWARE_MULTI_DATACENTER	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
OUTPUT_HYPERV_HOST	Hyper-V Host Identity	hypervHost
OUTPUT_HYPERV_MULTI_HOST	Hyper-V Multiple Host Identity	hypervMultiHost
OUTPUT_HYPERV_MULTI_CLUSTER	Hyper-V Multi Cluster Identity	hypervClusterIdentity

Output	Description	Type
OUTPUT_HYPERV_CLUSTER	Hyper-V Cluster Identity	hypervClusterIdentity
HYPERV_ACCOUNT_NAME	HYPER-V_ACCOUNT_NAME provided during the onboarding operation was performed	hypervAccountName
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName

Identify Virtual Network Resources

Summary

This Task identifies matching Virtual Network resource entities from selected resource group.

Description

This Task identifies Virtual Network resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_MULTI_DVPORTGROUP_IDENTITY	OUTPUT_VMWARE_MULTI_DVPORTGROUP_IDENTITY	VMwareMultiDVPortgroup Identity
OUTPUT_VMWARE_VM_MULTI_PORT_GROUP_IDENTITY	OUTPUT_VMWARE_VM_MULTI_PORT_GROUP_IDENTITY	vmwareVmMultiPortGroup Identity
OUTPUT_VMWARE_DVPORTGROUP_IDENTITY	OUTPUT_VMWARE_DVPORTGROUP_IDENTITY	VMwareDVPortgroup Identity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	vmwareVmPortGroup Identity
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
OUTPUT_HYPERV_MULTI_VM_NETWORK	Hyper-V Multi VM Network Identity	hypervVMNetworkIdentity
OUTPUT_HYPERV_VM_NETWORK	Hyper-V VM Network Identity	hypervVMNetworkIdentity
OUTPUT_HYPERV_PORT_CLASSIFICATION	Hyper V Port Classification Identity	hypervPortClassification Identity
OUTPUT_HYPERV_MULTI_PORT_CLASSIFICATION	Hyper V Multi Port Classification Identity	hypervPortClassification Identity

Identify Virtual Storage Resources

Summary

This Task identifies matching Virtual Storage resource entities from selected resource group.

Description

This Task identifies Virtual Storage resources from selected resource group.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
No Of Output Identity	Choose the number of outputs		
Enable DR support	Check to enable the designated router	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	vmwareMultiDatastore Identity
OUTPUT_VMWARE_DATASTORE_IDENTITY	OUTPUT_VMWARE_DATASTORE_IDENTITY	vmwareDatastoreIdentity
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
OUTPUT_DATASTORE_CLUSTER_IDENTITY_VMWARE	Datastore Cluster Identity	vmwareDatastoreCluster Identity
OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	vmwareMultiDatastore ClusterIdentity
OUTPUT_HYPERV_MULTI_DATASTORE	Hyper-V Multi Datastore Identity	hypervMultiDatastore
OUTPUT_HYPERV_DATASTORE	Hyper-V Datastore Identity	hyperVDatastoreIdentity

L3 Lookup

Summary

This is the wrapper task which looks for the network details from the environment variables

Description

This is a wrapper task, which gets the environment variable's information which are provided during Resource Group definition and will be provide Tenant, Private Network, L3 Routed Domain, Router IP Pool, SVI Path, SVI IP Pool, L3 VLAN Pool, and Nodes information.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose a tenant name	ApicDeviceTenantIdentity	Y
Private Network Name	Choose a private network name	ApicDeviceTenantPrivateNetworkIdentity	Y
Resource Group	Choose a resource group	TenantResourceGroupIdentity	Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
OUTPUT_PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
L3_ROUTER_DOMAIN	L3 Physical Domain	ApicDeviceTenantRoutedDomainIdentity
AREA_ID	Area ID	gen_text_input
ROUTER_IP_POOL	Router IP Pool	IPPoolPolicy
SVI_PATH	SVI Path	ApicDeviceStaticPathIdentity
SVI_IP_POOL	SVI IP Pool	IPSubnetPoolPolicy
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input
OUTPUT_NODE1_IDENTITY	Node Identity1	ApicFabricNodeIdentity
OUTPUT_NODE2_IDENTITY	Node Identity2	ApicFabricNodeIdentity
User_GROUP_ID	ID of the group that was created by admin	userGroup

L3 Transit L2 Lookup

Summary

This is the wrapper task which looks for the network details from the environment variables

Description

This is a wrapper task, which gets the environment variable's information which are provided during Resource Group definition and will be provide Tenant, SVI VPC Path, L3 VLAN Pool, L2 Transit VLAN Pool, Path info, and Physical Domain information.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose a tenant name	ApicDeviceTenantIdentity	Y
Resource Group	Choose a resource group	TenantResourceGroupId	Y

Outputs

Output	Description	Type
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
VPC_PATH	VPC Path	ApicDeviceVPCStaticPathIdentity
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_TRANSIT_VLAN_POOL	L2 Transit VLAN Pool provided during the onboarding operation was performed	gen_text_input
TENANT_EPG_PATH1	Path1	gen_text_input
TENANT_EPG_PATH2	Path2	gen_text_input
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfileIdentity

Mapping Tenant with Tenant Profile

Summary

This Task Maps Tenant with Tenant Profile.

Description

This task is used to map Tenant with Tenant Profile based on Tennat Name and Tenant Profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant Profile	Choose a tenant profile name	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y

Outputs

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input

Network Device Resource Allocation

Summary

This task Allocates resources to Network Devices.

Description

This task will allow User to allocate resources like Resource Pool,Datastore and Datastore Cluster to Network Devices.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Choose a tenant name	rg_Tenants	Y
Resource Group	Choose a resource group	TenantResourceGroup Identity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Resource Selection for Network Device(ND)	Select Resources For Network Device	ResourcesForND	
VMware Cluster For Network Device	Choose a VMware cluster for a network device	vmwareClusterIdentity	Y
Resource Pool For Network Device	Choose a resource pool for a network device	vmwareResourcePool Identity	Y
Datastore Cluster For Network Device	Choose a datastore cluster for a network device	vmwareDatastoreCluster Identity	
Datastores For Network Device	Choose datastores for a network device	vmwareMultiDatastore Identity	

Outputs

No Outputs

Persist APIC Private Network Configuration

Summary

Persist the defined private network information of a tenant.

Description

This task persists the private network configuration and private network name of a tenant along with service offering and resource group information.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Group	Select a Resource Group.	gen_text_input	Y
Service Offering	Select a Service Offering.	gen_text_input	Y
Tenant Name	Select a Tenant.	gen_text_input	Y
Private Network Name	Select a Private Network	gen_text_input	Y
External Routed Network	Select an External Routed Network	gen_text_input	Y
External Network Name	Select an External Network.	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity	Y

Outputs

No Outputs

Persist Private Network Info

Summary

Persists the Private Network info and its Supernet(s) , Subent(s) , and its IP Pool Policy informations

Description

Persists the Private Network info and its Supernet(s) , Subent(s) , and its IP Pool Policy informations against its Tenant , Service Offerring, Tenant profile and Resource Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Group	Enter a resource group	gen_text_input	Y
Service Offering	Choose a service offering	ServiceOfferingName	Y
Tenant Name	Choose a tenant name	gen_text_input	Y
Private Network Profile	Enter a private network profile	gen_text_input	
Private Network Name	Choose a private network name	gen_text_input	Y
Bridge Domain Name	Choose a bridge domain name	gen_text_input	
Supernet IP Pool Policy	Enter a supernet IP pool policy	gen_text_input	
Subnet IP Pool Policy	Enter a subnet IP pool policy	gen_text_input	
Supernet List	Enter a supernet list	gen_text_input	Y
Subnet List	Enter a subnet list	gen_text_input	Y
Number of VDC	Enter the number of VDCs	gen_text_input	Y

Outputs

No Outputs

Private Network Onboard L4L7 Devices Wrapper

Summary

This task will provide the L4L7 LB devices information which are added in the Resource Group definition

Description

This task will provide the L4L7 LB devices information which are added in the Resource Group definition.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose a tenant name	ApicDeviceTenantIdentity	Y
Private Network Name	Choose a private network name	ApicDeviceTenantPrivateNetworkIdentity	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Resource Group	Choose a resource group		Y
Iteration Number	Enter the iteration number	gen_text_input	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
OUTPUT_PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
OUTPUT_DEVICE_CLUSTER_NAME	APIC Tenant Device Cluster Name	gen_text_input
DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Package Identity	ApicDeviceTenantPackageIdentity
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfileIdentity
OUTPUT_VIRTUAL_IP_ADDRESS	LoadBalance Device Virtual IP Address	gen_text_input
OUTPUT_PORT	IP	gen_text_input

Output	Description	Type
OUTPUT_APIC_ENTITY_PASSWORD	APIC Entity Password	password
OUTPUT_APIC_ENTITY_USERNAME	APIC Entity Username	gen_text_input
OUTPUT_L4L7_DEVICE_TYPE	L4-L7 Device Type	ApicDeviceClusterType
OUTPUT_DEVICE_CLUSTER_CONCRETE_DEVICE_NAME	APIC Tenant Device Cluster Concrete Device Name	gen_text_input
OUTPUT_TENANT_EPG_STATIC_PATH_IDENTITY	Static Path Identity	ApicDeviceTenantStaticPathToEPGIdentity

Remove TAG Association

Summary

This Task Removes the TAG Association Object.

Description

This task is used to Remove the TAG Association object based on Tag Name and Entity Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Tag Name	Choose a tag name	rgTagNameIdentity	Y
Taggable Entity	Choose a taggable entity	rgTaggableEntityIdentity	Y
DataStore Cluster	Choose one or more datastore clusters	vmwareMultiDatastoreClusterIdentity	Y
VMwareDataStore	Choose one or more datastores	vmwareMultiDatastoreIdentity	Y
vMWare Cluster	Choose one or more VMWare clusters	vmwareGenericClusterIdentity	Y
Apic External Network	Choose one or more APIC external networks	ApicCommonDeviceExternalNetworkInOutsideNetworkIdentity	
Contract	Choose one or more contracts	ApicDeviceTenantMultiContractToExternalNetworkIdentity	
VMAX Disk Group	Choose one or more VMAX disk groups	EMCVMAXDiskGroupIdentity	
VMAX Storage Resouce Pool	Choose one or more VMAX storage resouce pools	EMCVMAXFASTStorageResourcePoolIdentity	
VNX Block RAID Group	Choose one or more VNX block RAID groups	emcRAIDGroupIdentity	
VNX Block Storage Pool	Choose one or more VNX block storage pools	emcBlockStoragePoolIdentity	
VNX Block Port	Choose one or more VNX block ports	emcSPPortIdentity	
VNX File Storage Pool	Choose one or more VNX file storage pools	emcStoragePoolIdentity	
Netapp Aggregate	Choose one or more NetApp aggregates	netappAllAggregateIdentity	
Netapp VServer	Choose one or more NetApp Vservers	netappClusterVServerIdentity	
Netapp Vfiler	Choose one or more NetApp v Filers	vFilerIdentity	

Input	Description	Mappable To Type	Mandatory
VMwareResourcePool	Choose one or more VMware resource pools	vmwareResourcePoolMulti Select	

Outputs

Output	Description	Type
OUTPUT_TAG_NAME	OUTPUT_TAG_NAME	rgTagNameIdentity
OUTPUT_TAGGABLE_ENTITY	OUTPUT_TAGGABLE_ENTITY	rgTaggableEntityIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	vmwareMultiDatastore Identity
OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	vmwareMultiDatastore ClusterIdentity
OP_VMWARE_GENERIC_CLUSTER_IDENTITY_RG	OP_VMWARE_GENERIC_CLUSTER_IDENTITY_RG	vmwareGenericCluster Identity
OUTPUT_APIC_EXTERNAL_REPORT	APIC Device Tenant External Network In Outside Network Identity	ApicDeviceExternalNetwork InOutsideNetworkIdentity
TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	ApicDeviceTenantMulti ContractToExternalNetwork Identity

Rollback APIC Container VNX BMs

Summary

Deletes Provisioned VNX BMs in APIC Container.

Description

This Task deletes the Provisioned VNX BMS from APIC Container during roll back.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
BM Service Requests	Enter BM Service Requests	gen_text_input	Y

Outputs

No Outputs

Select Matching Storage Entities

Summary

This Task search for the Matching Storage Entities.

Description

This task is used to search for the Matching Storage Entities like Datastore and Datastore Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Choose a tenant	rg_Tenants	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Multiple Data Store	Choose one or more VMware datastores	vmwareMultiDatastoreIdentity	
Multiple Datastore Clusters	Choose one or more VMware datastore clusters	vmwareMultiDatastoreClusterIdentity	

Outputs

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
RESOURCEGROUP_NAME	Resource group name	gen_text_input
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	vmwareMultiDatastoreIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	vmwareMultiDatastoreClusterIdentity

Set Concrete Device Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Device Cluster		ApicDeviceTenantDeviceCluster Identity	Y
Concrete Device Name		gen_text_input	Y

Outputs

Output	Description	Type
ConcreteDeviceIdentity	Concrete Device Identity	ApicDeviceTenantConcreteDevice Identity

Tag Resource Group Entity

Summary

This Task Tags the Selected Resource Group Entity.

Description

This task is used to Tags the Selected Resource Group Entity based on Tag and Entity Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Tag Name	Choose a tag name	rgTagNameIdentity	Y
Taggable Entity	Choose a taggable entity	rgTaggableEntityIdentity	Y
DataStore Cluster	Choose one or more datastores	vmwareMultiDatastoreClusterIdentity	
VMwareDataStore	Choose one or more datastore clusters	vmwareMultiDatastoreIdentity	
VMwareCluster	Choose a VMware cluster	vmwareGenericClusterIdentity	
Apic External Network	Choose an APIC external network	ApicCommonDeviceExternalNetworkInOutsideNetworkIdentity	
Contract	Choose a contract	ApicDeviceTenantMultiContractToExternalNetworkIdentity	
VMAX Disk Group	Choose a disk group	EMCVMAXDiskGroupIdentity	
VMAX Storage Resource Pool	Choose a storage resource pool	EMCVMAXFASTStorageResourcePoolIdentity	
VNX Block RAID Group	Choose a RAID group	emcRAIDGroupIdentity	
VNX Block Storage Pool	Choose a block storage pool	emcBlockStoragePoolIdentity	
VNX Block Port	Choose a service processor (SP) port	emcSPPortIdentity	
VNX File Storage Pool	Choose a file storage pool	emcStoragePoolIdentity	
Netapp Aggregate	Choose a NetApp aggregate	netappAllAggregateIdentity	
Netapp VServer	Choose a NetApp Vserver	netappClusterVServerIdentity	
Netapp Vfiler	Choose a NetApp vFiler	vFilerIdentity	
VMwareResourcePool	Choose one or more resource pools	vmwareResourcePoolMultiSelect	

Outputs

Output	Description	Type
OUTPUT_TAG_NAME	OUTPUT_TAG_NAME	rgTagNameIdentity
OUTPUT_TAG_VALUE	OUTPUT_TAG_VALUE	rgTagValueIdentity
OUTPUT_TAGGABLE_ENTITY	OUTPUT_TAGGABLE_ENTITY	rgTaggableEntityIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_IDENTITY	vmwareMultiDatastoreIdentity
OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	OUTPUT_VMWARE_MULTI_DATASTORE_CLUSTER_IDENTITY	vmwareMultiDatastoreClusterIdentity
OP_VMWARE_GENERIC_CLUSTER_IDENTITY_RG	OP_VMWARE_GENERIC_CLUSTER_IDENTITY_RG	vmwareGenericClusterIdentity
OUTPUT_APIC_EXTERNAL_REPORT	APIC Device Tenant External Network In Outside Network Identity	ApicDeviceExternalNetworkInOutsideNetworkIdentity
TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	TENANT_EXTERNAL_NETWORK_CONTRACT_IDENTITY	ApicDeviceTenantMultiContractToExternalNetworkIdentity
OUTPUT EMC_VMAX_DISK_GROUP_IDENTITY	VMAX Disk Group Identity	EMCVMAXStorageTierDiskGroupNameList
OUTPUT EMC_VMAX_STORAGE_RESOURCE_POOL_IDENTITY	VMAX Storage Resource Pool	EMCVMAXStorageResourcePoolList
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_VNX_HOST_PORT1	EMC VNX SP Port Identity	emcSPPortIdentity
OUTPUT_VNX_FILE_STORAGE_POOL	EMC VNX File Storage Pool Identity	emcFileStoragePoolIdentity
OUTPUT_BLOCK_STORAGE_POOL_IDENTITY	Storage Pool For Block Identity	emcBlockStoragePoolIdentity
OUTPUT_AGGREGATE_IDENTITY	Netapp Aggregate Identity	aggregateIdentity
OUTPUT_VSERVER_IDENTITY	Netapp VServer Identity	vServerIdentity
OUTPUT_V_FILER_IDENTITY	Netapp Vfiler Identity	vFilerIdentity
OUTPUT_VMWARE_MULTI_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_MULTI_RESOURCE_POOL_IDENTITY	vmwareResourcePoolMultiSelect

Tenant Container Association

Summary

This Task Associates Tenant with Container.

Description

This task is used to associate Tenant with Container based on Service offering and tenant name.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Tenant Name	gen_text_input	Y
Service Offering	Service Offering	gen_text_input	Y

Outputs

No Outputs

Tenant Container Cleanup

Summary

This Task clean up the Container.

Description

This task is used to clean up the container based on Service request ID, Tenant Name and Service offering.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Choose a tenant name	vlanID	Y
Service Offering	Enter a service offering	gen_text_input	Y
Service Request	Enter a service request	gen_text_input	Y

Outputs

No Outputs

Tenant Deletion

Summary

This Task deletes Tenant.

Description

This Task deletes Onboarded tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Choose a tenant name	rg_Tenants	

Outputs

No Outputs

Tenant Onboarding Lookup

Summary

This task get the input for Lookup use case onboarding workflow and generates the required inputs for the tasks available in the work flow.

Description

This task is used to get input information for Tenant Onboarding like Tenant Name,Service Offering,CPU,Memory,Datastore Size and IP Subnet Pool Policy etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Network Names	Enter network names separated by commas	gen_text_input	Y
Tenant Description	Enter a tenant description	gen_text_input	
Tenant Admin Username	Enter a user name. Use only alphanumeric characters (a-z, A-Z, 0-9).	gen_text_input	
Tenant Admin Password	Enter a password. Use both upper and lowercase characters (a-z, A-Z) and at least one numeral (0-9).	password	
Tenant Admin Email Id	Enter a tenant admin email ID	gen_text_input	
Type	Select type host or cluster	vmwareHostorCluster	Y
No. VDCs	Enter the number of VDCs	gen_text_input	
Max Number of Subnet	Enter the maximum number of subnet	gen_text_input	Y
Max Number of tiers per VDC	Enter the maximum number of tiers per VDC	gen_text_input	Y
VMware Generic Cluster	Choose a VMware cluster	vmwareGenericClusterIdentity	
Select Datastore Cluster	Choose a VMware datastore cluster	vmwareDatastoreClusterIdentity	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_DESCRIPTION	Tenant description provided during the onboarding operation was performed	gen_text_input
MSP_ADMIN_USER_NAME	Admin name for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
MSP_ADMIN_PASSWORD	Admin password for the MSP Tenant provided during the onboarding operation was performed	password
MSP_ADMIN_EMAIL	Admin email for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenant Identity
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
BRIDGE_DOMAIN_NAME	Bridge domain name provided during the onboarding operation was performed	gen_text_input
APPLICATION_PROFILE_NAME	Application profile name provided during the onboarding operation was performed	gen_text_input
EPG_NAME	EPG name provided during the onboarding operation was performed	gen_text_input
VMM_DOMAIN_PROFILE_IDENTITY	Domain name provided during the onboarding operation was performed	ApicDomainProfile Identity
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input
DATASTORE_CLUSTER_NAME	DATASTORE_CLUSTER_NAME	gen_text_input
VMWARE_HOSTNODE_IDENTITY	VMWARE_HOST_NODE_IDENTITY provided during the onboarding operation was performed	vmwareHostNodeIdentity
VMWARE_HOST_OR_CLUSTER	VMWARE HOST OR CLUSTER	vmwareHostorCluster
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity

Output	Description	Type
VMWARE_PARENT_RESOURCE_POOL_IDENTITY	VMWARE Parent Resource Pool Identity	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
VMWARE_MULTI_HOST_IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMultiSelect
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
SUBNET_MASK	SUBNET_MASK name provided during the onboarding operation was performed	gen_text_input
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy
VMWARE_IP_POOL_POLICY	VMWARE_IP_POOL_POLICY provided during the onboarding operation was performed	VMWareIPPoolPolicy
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
OUTPUT_VMWARE_DV_SWITCH_NAME	VMWARE_DV_SWITCH_NAME provided during the onboarding operation was performed	VMwareDVSwitch Identity
VMWARE_UPLINK_PORT	VMWARE_UPLINK_PORT provided during the onboarding operation was performed	uplinkPortGroupLovList
VMWARE_GENERIC_CLUSTER_IDENTITY	VMware Generic Cluster Identity	VMwareGenericCluster Table
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
OUTPUT_L2_BRIDGE_DOMAIN_NAME	L2 Bridge Domain name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_APPLICATION_PROFILE	L2 Application name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_EPG_NAME	L2 EPG name provided during the onboarding operation was performed	gen_text_input

Output	Description	Type
TENANT_EPG_DPC_STATIC_PATH1	DPC Static Path1	ApicDeviceDPCStaticPathIdentity
TENANT_EPG_DPC_STATIC_PATH2	DPC Static Path2	ApicDeviceDPCStaticPathIdentity
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomainIdentity
DATASTORE_NAME	DATASTORE_NAME	gen_text_input
OUTPUT_IP_SUBNET_POOL_POLICY	IP Subnet Pool policy	IPSubnetPoolPolicy
OUTPUT_L2_VLAN_POOL	L2 Vlan Pool	ApicVlanPoolIdentity
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input
OUTPUT_NODE1_IDENTITY	Node Identity1	ApicFabricNodeIdentity
OUTPUT_NODE2_IDENTITY	Node Identity2	ApicFabricNodeIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_1	APIC Physical Routed Sub Interface Identity 1	ApicDeviceStaticPathIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_2	APIC Physical Routed Sub Interface Identity 2	ApicDeviceStaticPathIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_3	APIC Physical Routed Sub Interface Identity 3	ApicDeviceStaticPathIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_4	APIC Physical Routed Sub Interface Identity 4	ApicDeviceStaticPathIdentity
OUTPUT_LOOP_BACK_IP_POOL_POLICY	Loop Back IP Subnet Pool Policy	IPSubnetPoolPolicy
OUTPUT_TENANT_IP_SUBNET	Tenant IP Subnet	gen_text_input
OUTPUT_TENANT_NO_OF_SUBNET	Number of Subnet Per Tenant	gen_text_input
OUTPUT_PRIVATE_NETWORK_NAMES	Private Network Names	gen_text_input
OUTPUT_TENANT_PROFILE_IDENTITY	Resource Group Tenant Profile	rgTenantProfileIdentity
SERVICE_OFFERING	Service Offering Name	ServiceOfferingName
OUTPUT_RESOURCEGROUP_IDENTITY	Resource group Identity	TenantResourceGroupIdentity
RESOURCE_POOL_IDENTITY	Resource pool name identity	vmwareResourcePoolIdentity

Output	Description	Type
OUTPUT_DATASTORE_ CLUSTER_IDENTITY_ VMWARE	Datastore Cluster Identity	vmwareDatastoreCluster Identity

Tenant Onboarding Wrapper

Summary

This task get the input for NetApp use case onboarding workflow and generates the required inputs for the tasks available in the work flow.

Description

This task gets Tenant name, Tenant Profile, Service Offering and Datastore Size as inputs and selects the matching entities from the resource group for the particular Tenant. This provides the input to the Onboard tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Datastore Size	Enter the required datastore size including the physical server storage reservation in GB	gen_text_input	Y
Select Host/Cluster	Select the Host/Cluster to perform operation.	vmwareHostorCluster	Y
CPU Resource Reservation (MHz)	Enter the CPU resource reservation in MHz	gen_text_input	Y
Memory Resource Reservation (MB)	Enter the required memory in MB for network devices	gen_text_input	Y

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenant Identity
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
BRIDGE_DOMAIN_NAME	Bridge domain name provided during the onboarding operation was performed	gen_text_input

Output	Description	Type
APPLICATION_PROFILE_NAME	Application profile name provided during the onboarding operation was performed	gen_text_input
EPG_NAME	EPG name provided during the onboarding operation was performed	gen_text_input
VMM_DOMAIN_PROFILE_IDENTITY	Domain name provided during the onboarding operation was performed	ApicDomainProfile Identity
NETAPP_AGGREGATE_IDENTITY	Aggregate name provided during the onboarding operation was performed	aggregateCluster Identity
NETAPP_VOLUME_SIZE	VLAN name provided during the onboarding operation was performed	netAppVolSize
VLAN_POOL_POLICY_NAME	VLAN Pool Policy name provided during the onboarding operation was performed	gen_text_input
NETAPP_NODE_IDENTITY	Node name provided during the onboarding operation was performed	netappClusterNode Identity
VMWARE_HOSTNODE_IDENTITY	VMWARE_HOST_NODE_IDENTITY provided during the onboarding operation was performed	vmwareHostNode Identity
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity
TENANT_STATIC_PATH_TO_EPG_IDENTITY	APIC_DEVICE_TENANT_STATIC_PATH_TO_EPG_IDENTITY provided during the onboarding operation was performed	ApicDeviceStaticPath Identity
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
NETAPP_CLUSTER_EXPORT_POLICY	NETAPP_CLUSTER_EXPORT_POLICY_NAME provided during the onboarding operation was performed	netappClusterExport PolicyName
VMWARE_MULTI_HOST_IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMulti Select
NETAPP_INTERFACEGROUP_NODE_PORT	NETAPP_INTERFACEGROUP_NODE_PORT name provided during the onboarding operation was performed	gen_text_input
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
SUBNET_MASK	SUBNET_MASK name provided during the onboarding operation was performed	gen_text_input
NETAPP_PORT	NETAPP_PORT name provided during the onboarding operation was performed	gen_text_input
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy

Output	Description	Type
VMWARE_IP_POOL_POLICY	VMWARE_IP_POOL_POLICY provided during the onboarding operation was performed	VMWareIPPoolPolicy
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
VMWARE_DV_SWITCH_IDENTITY	VMWARE_DV_SWITCH_IDENTITY provided during the onboarding operation was performed	VMwareDVSwitch Identity
VMWARE_UPLINK_PORT	VMWARE_UPLINK_PORT provided during the onboarding operation was performed	uplinkPortGroupLov List
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input

Tenant Onboarding Wrapper for FlexPod with ACI

Summary

This task get the input for FlexPod use case onboarding workflow and generates the required inputs for the tasks available in the work flow.

Description

This task is used to get input information for Flexpod Tenant Onboarding like Tenant Name,Service Offering,CPU,Memory,Datastore Size and IP Subnet Pool Policy etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfile Identity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Datastore Size	Enter the required datastore size including the physical server storage reservation in GB	gen_text_input	Y
Datastore Capacity Type	Choose a datastore capacity type	sizeUnit	
Select Host/Cluster	Select the Host/Cluster to perform operation.	vmwareHostorCluster	Y
CPU Resource Reservation (MHz)	Enter the CPU resource reservation in MHz	gen_text_input	Y
Memory Resource Reservation (MB)	Enter the required memory in MB	gen_text_input	Y
L2/L3 Out	Select L2/L3 Out	L2L3OutIdentity	
L2 VLAN	Enter a VLAN in the range 1 to 3967 or 4048 to 4093	gen_text_input	
L2 IP Subnet	Enter an L2 IP subnet. For example: 192.68.1.0/24.	gen_text_input	
No Of CPU	Enter the number of CPUs	gen_text_input	
No. VDCs	Enter the number of VDCs	gen_text_input	
VM Over Subscription	Enter the VM over subscription	gen_text_input	
Tenant IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Max Number of Subnet	Enter the maximum number of subnet	gen_text_input	Y
Max Number of tiers per VDC	Enter the maximum number of tiers per VDC	gen_text_input	Y

Input	Description	Mappable To Type	Mandatory
Create Shared IP Subnet Pool	Choose this option to create shared IP Subnet Pool	Boolean	
Tenant Admin Username	Enter a user name. Use only alphanumeric characters (a-z, A-Z, 0-9).	gen_text_input	
Tenant Admin Password	Enter a password. Use upper- and lowercase characters (A-Z, a-z) and at least one numeral (0-9).	password	
Tenant Admin Email Id	Enter the admin email ID	gen_text_input	

Outputs

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenant Identity
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
NETAPP_PORT	NETAPP_PORT name provided during the onboarding operation was performed	gen_text_input
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
NETAPP_CLUSTER_FILER_IDENTITY	Identity of the NetApp Cluster Filer	ClusterFilerIdentity
NETAPP_CLUSTER_NODE_NAME	Cluster Node Name	gen_text_input
NETAPP_CLUSTER_PARTNER_NODE_NAME	Cluster Partner Node Name	gen_text_input
NETAPP_NODE_IDENTITY	Node name provided during the onboarding operation was performed	netappClusterNode Identity
NETAPP_CLUSTER_PARTNER_NODE_IDENTITY	Partner Node name provided during the onboarding operation was performed	netappClusterNode Identity

Output	Description	Type
OUTPUT_APIC_VLAN_POOL_NODE1	APIC Vlan Pool for Node 1	ApicVlanPoolIdentity
OUTPUT_APIC_VLAN_POOL_NODE2	APIC Vlan Pool for Node 1	ApicVlanPoolIdentity
NETAPP_INTERFACEGROUP_PRIMARY_NODE_PORT	NETAPP_INTERFACEGROUP_PRIMARY_PORT name provided during the onboarding operation was performed	netappClusterPortName
NETAPP_INTERFACEGROUP_PARTNER_NODE_PORT	NETAPP_INTERFACEGROUP_PARTNER_PORT name provided during the onboarding operation was performed	netappClusterPortName
vPC_STATIC_PATH_FOR_NODE1	Static path for Node 1	ApicDeviceVPCStaticPathIdentity
vPC_STATIC_PATH_FOR_NODE2	Static path for Node 2	ApicDeviceVPCStaticPathIdentity
NETAPP_AGGREGATE_IDENTITY	Aggregate name provided during the onboarding operation was performed	aggregateClusterIdentity
NETAPP_CLUSTER_PARTNER_AGGREGATE_IDENTITY	Partner Node Aggregate name provided during the onboarding operation was performed	aggregateClusterIdentity
NFS_VLAN_POOL_POLICY_NAME	NFS Vlan Pool Policy Name	gen_text_input
ISCSI_A_VLAN_POOL_POLICY_NAME	iSCSI_A VLAN Pool Policy Name	gen_text_input
ISCSI_B_VLAN_POOL_POLICY_NAME	iSCSI_B VLAN Pool Policy Name	gen_text_input
SVM_MGMT_VLAN_POOL_POLICY_NAME	SVM Mgmt Vlan Pool Policy Name	gen_text_input
NFS_IP_SUBNET_POOL_POLICY	NFS IP Subnet Pool policy	IPSubnetPoolPolicy
OUTPUT_ISCSI_A_IP_SUBNET_POOL_POLICY	iSCSI_A IP Subnet Pool Policy	IPSubnetPoolPolicy
OUTPUT_ISCSI_B_IP_SUBNET_POOL_POLICY	iSCSI_A IP Subnet Pool Policy	IPSubnetPoolPolicy
SVM_MGMT_IP_SUBNET_POOL_POLICY	SVM Mgmt IP Subnet Pool Policy	IPSubnetPoolPolicy
VMM_DOMAIN_PROFILE_IDENTITY	Domin name provided during the onboarding operation was performed	ApicDomainProfileIdentity
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity
VMWARE_MULTI_HOST_IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMultiSelect
VMWARE_DV_SWITCH_IDENTITY	VMWARE_DV_SWITCH_IDENTITY provided during the onboarding operation was performed	VMwareDVSwitch Identity
OUTPUT_VMWARE_DV_SWITCH_NAME	DV_SWITCH_NAME provided during the onboarding operation was performed	dvSwitchName
OUTPUT_POD_NAME	Pod Name	gen_text_input
OUTPUT_LOOP_BACK_IP_POOL_POLICY	Loop Back IP Subnet Pool Policy	IPSubnetPoolPolicy
OUTPUT_NEXUS2_PASSWORD	Nexus Device Password	password
OUTPUT_NEXUS2_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS2_IP	Nexus Device IP	ipaddress
OUTPUT_NEXUS1_PASSWORD	Nexus Device Password	password
OUTPUT_NEXUS1_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS1_IP	Nexus Device IP	ipaddress
OUTPUT_NODE2_IDENTITY	Node Identity2	ApicFabricNodeIdentity
OUTPUT_NODE1_IDENTITY	Node Identity1	ApicFabricNodeIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_4	APIC Physical Routed Sub Interface Identity 4	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_3	APIC Physical Routed Sub Interface Identity 3	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_2	APIC Physical Routed Sub Interface Identity 2	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_1	APIC Physical Routed Sub Interface Identity 1	ApicDeviceStaticPath Identity
OUTPUT_IP_SUBNET_POOL_POLICY	IP Subnet Pool policy	IPSubnetPoolPolicy
TENANT_EPG_DPC_STATIC_PATH1	DPC Static Path1	ApicDeviceDPCStatic PathIdentity
TENANT_EPG_DPC_STATIC_PATH2	DPC Static Path2	ApicDeviceDPCStatic PathIdentity

Output	Description	Type
OUTPUT_L2_EPG_NAME	L2 EPG name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_APPLICATION_PROFILE	L2 Application name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_BRIDGE_DOMAIN_NAME	L2 Bridge Domain name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_VLAN_POOL	L2 Vlan Pool	ApicVlanPoolIdentity
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfile Identity
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomain Identity
L2_PHYSICAL_DOMAIN_IDENTITY	APIC Tenant L2 Physical Domain Identity	ApicDomainProfile Identity
OUTPUT_L2_VLAN	L2 Vlan	gen_text_input
L2/L3_OUT	L2L3 Out Tier configuration	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
TOTAL_VDC_COUNT	Total VDC Count	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
VMWARE_PARENT_RESOURCE_POOL_IDENTITY	VMWARE Parent Resource Pool Identity	gen_text_input
OUTPUT_TENANT_IP_SUBNET	Tenant IP Subnet	gen_text_input
OUTPUT_TENANT_NO_OF_SUBNET	Number of Subnet Per Tenant	gen_text_input
MSP_ADMIN_USER_NAME	Admin name for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
MSP_ADMIN_PASSWORD	Admin password for the MSP Tenant provided during the onboarding operation was performed	password

Output	Description	Type
MSP_ADMIN_EMAIL	Admin email for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
NETAPP_VERSION	NetApp Version	gen_text_input
Broadcast Domain Name	Broadcast Domain Name	gen_text_input
NETAPP SERVER IP	NetApp Server IP	ipaddress
NETAPP SERVER USER ID	NetApp Server User ID	gen_text_input
NETAPP PASSWORD	NetApp Server Password	password
NETAPP_SVM_SERVER	Netapp SVM Vserver Name	netappClusterVServerIdentity
OUTPUT_TENANT_PROFILE_IDENTITY	Resource Group Tenant Profile	rgTenantProfileIdentity
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
User_GROUP_ID	ID of the group that was created by admin	userGroup
APIC_TENANT_PRIVATE_NETWORK_NAME	Tenant Private network name provided during the onboarding operation was performed	ApicDeviceTenantPrivateNetworkIdentity
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input

Tenant Onboarding Wrapper for VNX

Summary

This task get the input for VNX use case onboarding workflow and generates the required inputs for the tasks available in the work flow.

Description

This task is used to get input information for VNX Tenant Onboarding like Tenant Name,Service Offering,CPU,Memory,Datastore Size and IP Subnet Pool Policy etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfile Identity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Tenant Description	Enter a tenant description	gen_text_input	
Tenant Admin Username	Enter a user name. Use only alphanumeric characters (a-z, A-Z, 0-9).	gen_text_input	
Tenant Admin Password	Enter a password. Use both upper and lowercase characters (a-z, A-Z) and at least one numeral (0-9).	password	
Tenant Admin Email Id	Enter the admin email ID	gen_text_input	
Type	Select type host or cluster	vmwareHostorCluster	Y
Datastore Size	Enter the required datastore size including physical server storage reservation in GB	gen_text_input	Y
CPU Resource Reservation (MHz)	Enter the CPU resource reservation in MHz	gen_text_input	Y
No Of CPU	Enter the number of CPU	gen_text_input	
Memory Resource Reservation (MB)	Enter the required memory in MB	gen_text_input	Y
VM Over Subscription	Enter the VM over subscription	gen_text_input	
No. of Full Width Blades	Enter the number of full width blades	gen_text_input	
No. of Half Width Blades	Enter the number of full width blades	gen_text_input	
No. VDCs	Enter the number of VDCs	gen_text_input	
Replication Required	Select yes if Replication is required	ReplicationIdentity	Y
L2/L3 Out	Select L2/L3 Out	L2L3OutIdentity	

Input	Description	Mappable To Type	Mandatory
L2 VLAN	Enter a VLAN in the range 1 to 3967 or 4048 to 4093	gen_text_input	
L2 IP Subnet	Enter an L2 IP subnet. For example: 192.68.1.0/24.	gen_text_input	
Tenant IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Max Number of Subnet	Enter the maximum number of subnet	gen_text_input	Y
Max Number of tiers per VDC	Enter the maximum number of tiers per VDC	gen_text_input	Y
Create Shared IP Subnet Pool	Choose this option to create shared IP Subnet Pool	Boolean	
Private IP SubnetPool Policy	Choose a private IP subnet pool policy	IPSubnetPoolPolicy	Y
Resource Selection for Network Device(ND)	Choose a resource for network device	ResourcesForND	
Memory Resource Reservation (MB)(For ND)	Enter the required memory in MB for network devices	gen_text_input	
No Of CPU(For ND)	Enter the number of CPU for network devices	gen_text_input	
Datastore Size(GB)(ND)	Enter the required datastore size including the physical server storage reservation in GB for network devices	gen_text_input	
CPU Resource Reservation (MHz) For ND	Enter the CPU resource reservation in MHz	gen_text_input	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
APIC_ACCOUNT	APIC Account on which the selected operation was performed	ApicDeviceIdentity
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_DESCRIPTION	Tenant description provided during the onboarding operation was performed	gen_text_input
MSP_ADMIN_USER_NAME	Admin name for the MSP Tenant provided during the onboarding operation was performed	gen_text_input

Output	Description	Type
MSP_ADMIN_PASSWORD	Admin password for the MSP Tenant provided during the onboarding operation was performed	password
MSP_ADMIN_EMAIL	Admin email for the MSP Tenant provided during the onboarding operation was performed	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenant Identity
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
PRIVATE_NETWORK_NAME	Private network name provided during the onboarding operation was performed	gen_text_input
BRIDGE_DOMAIN_NAME	Bridge domain name provided during the onboarding operation was performed	gen_text_input
APPLICATION_PROFILE_NAME	Application profile name provided during the onboarding operation was performed	gen_text_input
EPG_NAME	EPG name provided during the onboarding operation was performed	gen_text_input
VMM_DOMAIN_PROFILE_IDENTITY	Domain name provided during the onboarding operation was performed	ApicDomainProfile Identity
OUTPUT EMC_HOST_EMPTY	VNX Host Identity empty or not	gen_text_input
OUTPUT EMC_STORAGEGROUP_EMPTY	VNX Storage Group empty or not	gen_text_input
FULL_WIDTH_BLADE_COUNT	Full Width Blade Count	gen_text_input
HALF_WIDTH_BLADE_COUNT	Half Width Blade Count	gen_text_input
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB	Physical Server Reserved Space in GB	gen_text_input
UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input
UCS_SP_TEMPLATE_NAME_HALF_WIDTH	Service Profile Template Name	gen_text_input
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
OUTPUT_UCS_ORG_IDENTITY_HALF_WIDTH	UCS Organization Identity	ucsOrganizationIdentity
TOTAL_BLADE_COUNT	Total Blade Count	gen_text_input

Output	Description	Type
TOTAL_VDC_COUNT	Total VDC Count	gen_text_input
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input
DATASTORE_CLUSTER_NAME	DATASTORE_CLUSTER_NAME	gen_text_input
VMWARE_HOSTNODE_IDENTITY	VMWARE_HOST_NODE_IDENTITY provided during the onboarding operation was performed	vmwareHostNodeIdentity
VMWARE_HOST_OR_CLUSTER	VMWARE HOST OR CLUSTER	vmwareHostorCluster
OUTPUT_VMWARE_CLUSTER_IDENTITY	VMWARE Cluster Identity	vmwareClusterIdentity
VMWARE_PARENT_RESOURCE_POOL_IDENTITY	VMWARE Parent Resource Pool Identity	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
OUTPUT_STORAGE_ACCOUNT_TYPE	Storage Account Type	gen_text_input
STORAGE_ACCOUNT_NAME	Storage Account Name selected for Tenant Onboarding	gen_text_input
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolType Selector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_STORAGE_POOL_RAID_TYPE	Storage Pool Raid Type	gen_text_input
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input
OUTPUT_EMC_VNX_HOST_IDENTITY	EMC VNX Host Identity	emcHostIdentity

Output	Description	Type
OUTPUT_DR_EMV_VNX_HOST_IDENTITY	DR EMC VNX Host Identity	emcHostIdentity
OUTPUT_EMV_VNX_STORAGE_PROCESSOR_IDENTITY	EMC VNX Storage Processor Identity	EMC_StorageProcessorIdentity
VMWARE_MULTI_HOST_IDENTITY	VMWARE_MULTI_HOST name provided during the onboarding operation was performed	vmwareHostMultiSelect
STORAGE_MULTI_HOST_IDENTITY	STORAGE_MULTI_HOST_IDENTITY provided during the onboarding operation was performed	vmwareHostMultiSelect
DR_STORAGE_MULTI_HOST_IDENTITY	DR_STORAGE_MULTI_HOST_IDENTITY provided during the onboarding operation was performed	vmwareHostMultiSelect
PHYSICAL_DOMAIN_PROFILE_IDENTITY	APIC_PHYSICAL_DOMAIN_IDENTITY name provided during the onboarding operation was performed	ApicDomainProfileIdentity
SUBNET_MASK	SUBNET_MASK name provided during the onboarding operation was performed	gen_text_input
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy
VMWARE_IP_POOL_POLICY	VMWARE_IP_POOL_POLICY provided during the onboarding operation was performed	VMWareIPPoolPolicy
VMWARE_DATACENTER_NAME	VMWARE_DATACENTER_NAME provided during the onboarding operation was performed	datacenterName
OUTPUT_VMWARE_DV_SWITCH_NAME	VMWARE_DV_SWITCH_NAME provided during the onboarding operation was performed	VMwareDVSwitchIdentity
VMWARE_UPLINK_PORT	VMWARE_UPLINK_PORT provided during the onboarding operation was performed	uplinkPortGroupLovList
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
OUTPUT_REPLICA_EMV_VNX_ACCOUNT_IDENTITY	EMC VNX Account Identity for Replication	EMC_AccountIdentity
OUTPUT_REPLICA_STORAGE_GROUP_IDENTITY	Copy EMC VNX Storage Group Identity	emcStorageGroupIdentity

Output	Description	Type
OUTPUT_REPLICA_VNX_STORAGE_POOL_TYPE	Replica EMC VNX Storage Pool Type	emcStoragePoolType Selector
OUTPUT_REPLICA_VNX_RAID_GROUP_IDENTITY	Replica EMC VNX Raid Group Identity	emcRAIDGroupIdentity
OUTPUT_REPLICA_VNX_STORAGE_POOL_IDENTITY	Replica EMC VNX Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_REPLICA_VNX_RAID_TYPE	Replica EMC VNX RAID Type	gen_text_input
OUTPUT_PRODUCTION_STORAGE_GROUP_IDENTITY	Production EMC VNX Storage Group Identity	emcStorageGroupIdentity
OUTPUT_JOURNAL_VOLUME_COUNT	Journal Volume Count	gen_text_input
OUTPUT_JOURNAL_VOLUME_SIZE	Journal Volume Size	gen_text_input
OUTPUT_IS_REPLICA_REQUIRED	Is Replication Required for the Production LUN?	gen_text_input
L2/L3_OUT	L2L3 Out Tier configuration	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
OUTPUT_L2_BRIDGE_DOMAIN_NAME	L2 Bridge Domain name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_APPLICATION_PROFILE	L2 Application name provided during the onboarding operation was performed	gen_text_input
OUTPUT_L2_EPG_NAME	L2 EPG name provided during the onboarding operation was performed	gen_text_input
TENANT_EPG_DPC_STATIC_PATH1	DPC Static Path1	ApicDeviceDPCStatic PathIdentity
TENANT_EPG_DPC_STATIC_PATH2	DPC Static Path2	ApicDeviceDPCStatic PathIdentity
OUTPUT_L2_VLAN	L2 Vlan	gen_text_input
PHYSICAL_DOMAIN_IDENTITY	APIC Tenant Physical Domain Identity	ApicPhysicalDomain Identity
DATASTORE_NAME	DATASTORE_NAME	gen_text_input
OUTPUT_IP_SUBNET_POOL_POLICY	IP Subnet Pool policy	IPSubnetPoolPolicy
OUTPUT_L2_VLAN_POOL	L2 Vlan Pool	ApicVlanPoolIdentity
OUTPUT_L3_VLAN_POOL	L3 VLAN Pool provided during the onboarding operation was performed	gen_text_input

Output	Description	Type
OUTPUT_NODE1_IDENTITY	Node Identity1	ApicFabricNodeIdentity
OUTPUT_NODE2_IDENTITY	Node Identity2	ApicFabricNodeIdentity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_1	APIC Physical Routed Sub Interface Identity 1	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_2	APIC Physical Routed Sub Interface Identity 2	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_3	APIC Physical Routed Sub Interface Identity 3	ApicDeviceStaticPath Identity
OUTPUT_ROUTED_SUB_INTERFACE_IDENTITY_4	APIC Physical Routed Sub Interface Identity 4	ApicDeviceStaticPath Identity
OUTPUT_NEXUS1_IP	Nexus Device IP	ipaddress
OUTPUT_NEXUS1_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS1_PASSWORD	Nexus Device Password	password
OUTPUT_NEXUS2_IP	Nexus Device IP	ipaddress
OUTPUT_NEXUS2_USERNAME	Nexus Device Username	gen_text_input
OUTPUT_NEXUS2_PASSWORD	Nexus Device Password	password
OUTPUT_LOOP_BACK_IP_POOL_POLICY	Loop Back IP Subnet Pool Policy	IPSubnetPoolPolicy
OUTPUT_TENANT_IP_SUBNET	Tenant IP Subnet	gen_text_input
OUTPUT_TENANT_NO_OF_SUBNET	Number of Subnet Per Tenant	gen_text_input
OUTPUT_CONSISTENCY_GROUP_NAME	Consistency group name	gen_text_input
OUTPUT_CONSISTENCY_PRODUCITON_COPY	Consistency production copy	gen_text_input
OUTPUT_RP_ACCOUNT_IDENTITY	Recover Point account identity	RecoverPointAccount Identity
OUTPUT_RP_CLUSTER_IDENTIY	Recover Point cluster identity	RecoverPointCluster Identity
OUTPUT_IS_PRIMARY_TENANT	Is primary tenant	Boolean
OUTPUT_IS_TENANT_UPDATE	Is Tenant update required	Boolean
OUTPUT_RP_REPLICATION_SETS	Recover Point Replication sets	gen_text_input
OUTPUT_RECOVERPOINT_CLUSTER_NAME	Recover Point Cluster Name	gen_text_input
OUTPUT_RP_STORAGE_POOL_IDENTITY	RP Storage Pool Identity	emcBlockStoragePool Identity

Output	Description	Type
OUTPUT_RP_STORAGE_GROUP_IDENTITY	RP Storage Group Identity	emcStorageGroupIdentity
OUTPUT_DR_RP_STORAGE_GROUP_IDENTITY	DR RP Storage Group Identity	emcStorageGroupIdentity
OUTPUT_HLU_LIST	VNX HLU list	gen_text_input
OUTPUT_TENANT_CONSISTENCY_GROUP_IDENTITY	Tenant consistency group identity	RecoverPointConsistencyGroupIdentity
OUTPUT_PRIMARY_CONSISTENCY_GROUP_COPY_IDENTITY	Primary consistency group copy identity	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_SECONDARY_CONSISTENCY_GROUP_COPY_IDENTITY	Secondary consistency group copy identity	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_DR_STORAGE_ACCOUNT_IDENTITY	DR Storage Account Identity	EMC_AccountIdentity
OUTPUT_DR_STORAGE_GROUP_IDENTITY	DR Storage Group Identity	emcStorageGroupIdentity
OUTPUT_PRIVATE_IP_SUBNET_POOL_POLICY_IDENTITY	Private IP Subnet Pool Policy Identity	IPSubnetPoolPolicy
OUTPUT_TOTAL_CPU_LIMIT_FOR_ND_IN_MHz	Total CPU For ND in MHz	gen_text_input
OUTPUT_NO_OF_CPU_FOR_ND	No of CPU Required For ND	gen_text_input
TOTAL_MEMORY_LIMIT_FOR_ND_IN_MB	Total Memory For ND in GB	gen_text_input
RESOURCE_POOL_NAME_ND	RESOURCE_POOL_NAME_FOR_ND provided during the onboarding operation was performed	gen_text_input
DATASTORE_SIZE_FOR_ND_GB	Datastore Size in GB.	gen_text_input
OUTPUT_RESOURCEPOOL_CPU_RESERVATION_FOR_ND_IN_MHz	CPU Memory Reservation For ND	gen_text_input
OUTPUT_NEW_RESOURCES_FOR_ND	Creating New Resource For Network Devices	ResourcesForND
OUTPUT_VMWARE_CLUSTER_ND_IDENTITY	VMWARE Cluster For ND Identity	vmwareClusterIdentity

Tenant Resource Allocation

Summary

This task get the all the allocated resource details store it in the mapping table.

Description

This task get the selected entities from the resource group for the particular Tenant.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Enter a tenant name of one to 16 characters	gen_text_input	Y
Resource Group	Choose a resource group	gen_text_input	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
User Group	Choose a user group	userGroup	
Container Allocation Details	Container Allocation Details		
Container	Enter a container name	gen_text_input	
VM Over Subscription	Enter the VM over subscription	gen_text_input	
Max Number of tiers per VDC	Enter the maximum number of tiers per VDC	gen_text_input	
IP Subnet Allocation	IP Subnet Allocation		
Tenant IP Subnet Pool Policy ID	Choose a tenant IP subnet pool policy	IPSubnetPoolPolicy	
Unique IP Subnet Pool Policy ID	Choose a unique IP subnet pool policy	IPSubnetPoolPolicy	
Private IP SubnetPool Policy	Choose a private IP subnet pool policy	IPSubnetPoolPolicy	
Supernets	Enter the supernets name	gen_text_input	
Subnets	Enter the subnets name	gen_text_input	
VMware Compute Resource Allocation	VMware Compute Resource Allocation		
VMware vCenter	Choose a VMware account	vmwareAccountName	
VMware Host	VMware Host	vmwareHostNodeIdentity	
VMware Hosts	Choose one or more VMware hosts	vmwareHostMultiSelect	
VMware Cluster	Choose a VMware cluster	vmwareClusterIdentity	
VMware Clusters	Choose one or more VMware clusters	vmwareMultiClusterIdentity	

Input	Description	Mappable To Type	Mandatory
Resource Pool	Choose a resource pool	vmwareResourcePool Identity	
Resource Pools	Choose one or more resource pools	vmwareResourcePoolMulti Select	
VMware Storage Resource Allocation	VMware Storage Resource Allocation		
Datastore	Enter a datastore	vmwareDatastoreIdentity	
Data Store	Enter one or more datastores separated by commas	vmwareMultiDatastore Identity	
Datastores Protected	Enter one or more protected datastores	gen_text_input	
Datastores Unprotected	Enter one or more unprotected datastores	gen_text_input	
Datastore Cluster(Protected)	Choose a protected datastorecluster	vmwareDatastoreCluster Identity	
Datastore Cluster(Un Protected)	Choose an unprotected datastorecluster	vmwareDatastoreCluster Identity	
Datastore Clusters(Protected)	Choose one or more protected datastore clusters	vmwareMultiDatastore ClusterIdentity	
Datastore Clusters(Un Protected)	Choose one or more unprotected datastore clusters	vmwareMultiDatastore ClusterIdentity	
Hyper-V Resource Allocation	Hyper-V Resource Allocation		
Hyper-V Account	Choose a Hyper-V account	hypervAccountName	
Hyper-V Cluster	Choose a Hyper-V cluster	hypervClusterIdentity	
Hyper-V Host	Choose a Hyper-V host	hypervHost	
Hyper-V Multi Host	Choose one or more Hyper-V hosts	hypervMultiHost	
Hyper-V Datastore	Choose a Hyper-V datastore	hyperVDatastoreIdentity	
Hyper-V Multi Datastore	Choose one or more Hyper-V datastores	hypervMultiDatastore	
Hyper-V Logical Switch	Choose a Hyper-V logical switch	hypervLogicalSwitch Identity	
APIC Account Allocation	APIC Account Allocation		
APIC Account Name	Choose an APIC account name	ApicDeviceIdentity	
APIC Tenant Name	Choose an APIC tenant name	ApicDeviceTenantIdentity	
Device Package	Choose a device package	ApicDeviceTenantPackage Identity	

Input	Description	Mappable To Type	Mandatory
VMM Domain VLAN	Enter the virtual machine manager domain VLAN	vlanID	
Physical Compute(UCS Server) Resource Allocation	Physical Compute(UCS Server) Resource Allocation		
Server Pool	Choose a server pool	ucsServerPoolIdentity	
Server	Choose a UCS server	ucsServerIdentity	
Servers	Choose one or more UCS servers	ucsMultiServerIdentity	
Service Profile	Choose a service profile	ucsServiceProfileIdentity	
Service Profile Template	Choose a service profile templates	ucsServiceProfileTemplateIdentity	
Service Profiles	Choose one or more service profiles	ucsMultiServiceProfileIdentity	
Service Profile vNICs	Choose one or more service profile vNICs	ucsServiceProfileMultiNICIdentity	
UCS Vlan Group	Enter a UCS VLAN group	gen_text_input	
Shared L3 Out Resource Allocation	Shared L3 Out Resource Allocation		
APIC External Network(Shared L3 Out)	Choose one or more APIC external networks	ApicCommonDeviceExternalNetworkInOutsideNetworkIdentity	
APIC Contracts(Shared L3 Out)	Choose one or more APIC contracts	ApicDeviceTenantMultiContractToExternalNetworkIdentity	
L2 Out Resource Allocation	L2 Out Resource Allocation		
L2/L3 Out	Select L2/L3 Out	L2L3OutIdentity	
L2 Out EPG Identity	Choose an L2 out EPG identity	ApicDeviceTenantEPGIdentity	
L2 Out Bridge Domain	Choose an L2 out bridge domain	ApicDeviceTenantBridgeDomainIdentity	
Tenant Private Network Name	Choose a private network name	ApicDeviceTenantPrivateNetworkIdentity	
Physical Server Reserved Space(GB)	Enter the physical server reserved space in GB	gen_text_input	
L2 VLAN	Enter an L2 VLAN	gen_text_input	
L2 IP Subnet	Enter an L2 IP subnet	gen_text_input	
L3 Out Tenant Resource Allocation	L3 Out Tenant Resource Allocation		

Input	Description	Mappable To Type	Mandatory
L3 Private Network Name	Choose an L3 private network name	ApicDeviceTenantPrivateNetworkIdentity	
L3ExternalNetwork	Choose an external network	ApicTenantExternalNetworkToExternalRoutedNetworkIdentity	
L3 Routed Domain	Choose an L3 routed domain	ApicDeviceTenantRoutedDomainIdentity	
Virtual Network Resource Allocation	Virtual Network Resource Allocation		
DV Switch	Choose a DV switch name	dvSwitchName	
DV Port Group	Choose a DV port group	VMwareDVPortgroupIdentity	
NetAPP Resource Allocation	NetAPP Resource Allocation		
NetApp Cluster vServer	Choose a cluster Vserver name	netappClusterVServerIdentity	
Aggregate Name	Choose an aggregate name	aggregateClusterIdentity	
Filer Name	Choose a filer name	filerIdentity	
NetApp VLAN	Choose a NetApp VLAN	netappClustervLANIdentity	
VNX Resource Allocation	VNX Resource Allocation		
Raid Group	Choose a RAID group	emcRAIDGroupIdentity	
Raid Groups	Choose one or more RAID groups	emcmultiRAIDGroupIdentity	
Storage Pool	Choose a storage pool	emcBlockStoragePoolIdentity	
Storage Pools	Choose one or more storage pools	emcmultiBlockStoragePoolIdentity	
Select Disk Group	Choose a disk group	EMCVMAXStorageTierDiskGroupNameList	
DR Resource Allocation	DR Resource Allocation		
HLU List	Enter an HLU list	gen_text_input	
Replication Set List	Enter a replication set list	gen_text_input	
Tenant Consistency Group	Enter a tenant consistency group	RecoverPointConsistencyGroupIdentity	
Primary Consistency Group Copy	Enter a primary consistency group copy	RecoverPointConsistencyGroupCopyIdentity	

Input	Description	Mappable To Type	Mandatory
Secondary Consistency Group Copy	Enter a secondary consistency group copy	RecoverPointConsistencyGroupCopyIdentity	
Resource Allocation For Network Devices	Resource Allocation For Network Devices		
VMware Cluster For Network Device	Choose a VMware cluster for a network device	vmwareClusterIdentity	
VMware Clusters For Network Device	Choose one or more VMware clusters for network devices	vmwareMultiClusterIdentity	
Resource Pool For Network Device	Choose a resource pool for a network device	vmwareResourcePoolIdentity	
Resource Pools For Network Device	Choose one or more resource pools for network devices	vmwareResourcePoolMultiSelect	
Datastore Cluster(Unprotected) For Network Device	Choose a datastore cluster for a network device	vmwareDatastoreClusterIdentity	
Datastore Clusters(Unprotected) For Network Device	Choose one or more datastore clusters for network devices	vmwareMultiDatastoreClusterIdentity	
Datastores (Unprotected) For Network Device	Choose one or more datastores for network devices	gen_text_input	
Datastore Cluster(Unprotected) For DR Network Device	Choose a datastore cluster for the designated network device	vmwareDatastoreClusterIdentity	
Datastore Clusters(Unprotected) For DR Network Device	Choose one or more datastore clusters for the designated network device	vmwareMultiDatastoreClusterIdentity	
Datastores (Unprotected) For DR Network Device	Choose one or more datastores for the designated network device	gen_text_input	

Outputs

No Outputs

Update Tenant Resources

Summary

This Task Updates the existing Tenant Resources.

Description

This task is used to updates Onboarded Tenant Resources like Datastore size and Memory etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant Name	Enter a tenant name of one to 16 characters	gen_text_input	Y
Tenant profile Name	Choose a tenant profile name	rgTenantProfileIdentity	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Select Host/Cluster	Select the Host/Cluster to perform operation.	vmwareHostorCluster	
Replication Required	Select yes if Replication is required	ReplicationIdentity	
Datastore Size	Enter the required datastore size including the physical server storage reservation in GB	gen_text_input	
CPU Resource Reservation (MHz)	Enter the CPU resource reservation in MHz	gen_text_input	
Memory Resource Reservation (MB)	Enter the required memory in MB	gen_text_input	
Private Network ID	Enter a private network ID	gen_text_input	
VMM Domain Identity	Enter the virtual machine manager domain identity	gen_text_input	
No. of CPU	Enter the number of CPUs	gen_text_input	
No. of VDCs	Enter the number of VDCs	gen_text_input	
No. of Full Width Blades	Enter the number of full width blades	gen_text_input	
No. of Half Width Blades	Enter the number of half width blades	gen_text_input	
VM Over Subscription	Enter the VM over subscription	gen_text_input	
Max Number of Subnet	Enter the maximum number of subnets	gen_text_input	
Tenant Admin Email Id	Enter the admin email ID	gen_text_input	
L2OUT Epg Identity	Enter an L2 out EPG identity	gen_text_input	
L2OUT Bridge Domain Identity	Enter an L2 out bridge domain identity	gen_text_input	

Input	Description	Mappable To Type	Mandatory
vMWare DVS Switch Name	Enter a VMware DV switch name	gen_text_input	
vMWare Cluster Identity	Enter a VMware cluster identity	vmwareClusterIdentity	
vMWare Datastore Cluster Identity	Enter a VMware datastore cluster identity	gen_text_input	
Storage Multi HOST Identiy	Enter a storage Multi host identity	gen_text_input	
Storage Account Identity	Enter a storage account identity	gen_text_input	
Storage Pool Identiy	Enter a storage pool identity	gen_text_input	
Parent Resource Pool Identiy	Enter a parent resource pool identity	gen_text_input	
DR Matching Accounts	Enter the designated router (DR) matching accounts	gen_text_input	
Recovery Plan Name	Enter a recovery plan name	gen_text_input	
Protection Group Name	Enter a protection group name	gen_text_input	

Outputs

Output	Description	Type
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
RESOURCEGROUP_NAME	Resource group name	gen_text_input

Update Tenant Wrapper

Summary

This task get the input for Update use case onboarding workflow and generates the required inputs for the tasks available in the work flow.

Description

This task is used to provide input to update the tenant work flow. The resources like resource pool, datastore, resource limit, physical server can be updated with that work flow..

Inputs

Input	Description	Mappable To Type	Mandatory
Tenant	Choose a tenant	rg_Tenants	Y
Service Offering	Choose a service offering name	ServiceOfferingName	Y
Type	Select type host or cluster	vmwareHostorCluster	Y
Datastore Size	Enter the required datastore size including the physical server storage reservation in GB	gen_text_input	
No Of CPU	Enter the number of CPUs	gen_text_input	
Memory Resource Reservation (MB)	Enter the required memory in MB	gen_text_input	
No. of Full Width Blades	Enter the number of full width blades	gen_text_input	
No. of Half Width Blades	Enter the number of half width blades	gen_text_input	
No. VDCs	Enter the number of VDCs	gen_text_input	

Outputs

Output	Description	Type
RESOURCEGROUP_NAME	Resource group name	gen_text_input
TENANT_NAME	Tenant name provided during the onboarding operation was performed	gen_text_input
TENANT_AVAILABLE	Tenant existing in the UCSD	gen_text_input
GROUP_ID	ID of the group that was created by admin	gen_text_input
FULL_WIDTH_BLADE_COUNT	Full Width Blade Count	gen_text_input
HALF_WIDTH_BLADE_COUNT	Half Width Blade Count	gen_text_input
PHYSICAL_SERVER_RESERVED_SPACE_IN_GB	Physical Server Reserved Space in GB	gen_text_input
UCS_SP_TEMPLATE_NAME	Service Profile Template Name	gen_text_input

Output	Description	Type
UCS_SP_TEMPLATE_NAME_HALF_WIDTH	Service Profile Template Name	gen_text_input
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
ORGANIZATION_IDENTITY	UCS Organization Identity	ucsOrganizationIdentity
OUTPUT_UCS_ORG_IDENTITY_HALF_WIDTH	UCS Organization Identity	ucsOrganizationIdentity
TOTAL_BLADE_COUNT	Total Blade Count	gen_text_input
TOTAL_VDC_COUNT	Total VDC Count	gen_text_input
TOTAL_MEMORY_LIMIT_IN_GB	Total Memory in GB	gen_text_input
TOTAL_CPU_LIMIT_IN_GHz	Total CPU in GHz	gen_text_input
DATASTORE_SIZE_GB	Datastore Size in GB.	gen_text_input
DATASTORE_CLUSTER_NAME	DATASTORE_CLUSTER_NAME	gen_text_input
DATASTORE_CLUSTER_IDENTITY	DATASTORE_CLUSTER_IDENTITY	gen_text_input
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME provided during the onboarding operation was performed	vmwareAccountName
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolType Selector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_STORAGE_POOL_RAID_TYPE	Storage Pool Raid Type	gen_text_input
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input
OUTPUT_EMC_VNX_HOST_IDENTITY	EMC VNX Host Identity	emcHostIdentity
OUTPUT_DR_EMC_VNX_HOST_IDENTITY	DR EMC VNX Host Identity	emcHostIdentity
OUTPUT_EMC_VNX_STORAGE_PROCESSOR_IDENTITY	EMC VNX Storage Processor Identity	EMC_StorageProcessor Identity
STORAGE_MULTI_HOST_IDENTITY	STORAGE_MULTI_HOST_IDENTITY provided during the	vmwareHostMultiSelect

Output	Description	Type
	onboarding operation was performed	
RESOURCE_POOL_NAME	RESOURCE_POOL_NAME provided during the onboarding operation was performed	gen_text_input
OUTPUT_NO_OF_CPU	No of CPU Required	gen_text_input
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY	vmwareResourcePool Identity
RESOURCE_POOL_MEMORY_RESERVATION_IN_MB	RP Memory in GB	gen_text_input
RESOURCE_POOL_CPU_RESERVATION_IN_MHz	RP CPU in MHz	gen_text_input
CPU_MEMORY_VALUE	Cpu and Memory value check	gen_text_input
OUTPUT_DATASTORE_SIZE	Datastore Size.	gen_text_input
OUTPUT_CONSISTENCY_GROUP_NAME	Consistency group name	gen_text_input
OUTPUT_CONSISTENCY_PRODUCITON_COPY	Consistency production copy	gen_text_input
OUTPUT_RP_ACCOUNT_IDENTITY	Recover Point account identity	RecoverPointAccount Identity
OUTPUT_RP_CLUSTER_IDENTIY	Recover Point cluster identity	RecoverPointCluster Identity
OUTPUT_IS_PRIMARY_TENANT	Is primary tenant	Boolean
OUTPUT_IS_TENANT_UPDATE	Is Tenant update required	Boolean
OUTPUT_RP_REPLICATION_SETS	Recover Point Replication sets	gen_text_input
OUTPUT_RECOVERPOINT_CLUSTER_NAME	Recover Point Cluster Name	gen_text_input
OUTPUT_RP_STORAGE_POOL_IDENTITY	RP Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_RP_STORAGE_GROUP_IDENTITY	RP Storage Group Identity	emcStorageGroupIdentity
OUTPUT_DR_RP_STORAGE_GROUP_IDENTITY	DR RP Storage Group Identity	emcStorageGroupIdentity
OUTPUT_HLU_LIST	VNX HLU list	gen_text_input
OUTPUT_TENANT_CONSISTENCY_GROUP_IDENTITY	Tenant consistency group identity	RecoverPointConsistency GroupIdentity
OUTPUT_PRIMARY_CONSISTENCY_GROUP_COPY_IDENTITY	Primary consistency group copy identity	RecoverPointConsistency GroupCopyIdentity

Output	Description	Type
OUTPUT_SECONDARY_CONSISTENCY_GROUP_COPY_IDENTITY	Secondary consistency group copy identity	RecoverPointConsistencyGroupCopyIdentity
OUTPUT_IS_REPLICA_REQUIRED	Is Replication Required for the Production LUN?	gen_text_input
OUTPUT EMC_HOST_EMPTY	VNX Host Identity empty or not	gen_text_input
OUTPUT EMC_STORAGEGROUP_EMPTY	VNX Storage Group empty or not	gen_text_input
DATASTORE_UNPROTECTED_CLUSTER_NAME	DATASTORE_UNPROTECTED_CLUSTER_NAME	gen_text_input
DR_STORAGE_MULTI_HOST_IDENTITY	DR_STORAGE_MULTI_HOST_IDENTITY provided during the onboarding operation was performed	vmwareHostMultiSelect
OUTPUT_DR_STORAGE_ACCOUNT_IDENTITY	DR Storage Account Identity	EMC_AccountIdentity
CPU_MEMORY_VALUE_ND	Cpu and Memory value check For ND	gen_text_input
OUTPUT_TOTAL_CPU_LIMIT_FOR_ND_IN_MHz	Total CPU For ND in MHz	gen_text_input
OUTPUT_NO_OF_CPU_FOR_ND	No of CPU Required For ND	gen_text_input
OUTPUT_RESOURCEPOOL_CPU_RESERVATION_FOR_ND_IN_MHz	CPU Memory Reservation For ND	gen_text_input
TOTAL_MEMORY_LIMIT_FOR_ND_IN_MB	Total Memory For ND in GB	gen_text_input
OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY_ND	OUTPUT_VMWARE_RESOURCE_POOL_IDENTITY_ND	vmwareResourcePoolIdentity



Resource Groups

This chapter contains the following sections:

- [RG Environment Variable Selector, on page 3000](#)

RG Environment Variable Selector

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Group		ResourceGroupName	Y
RG environment variable		ResourceGroupEnvironmentVariable Identity	Y
Category		ResourceGroupCategoryIdentity	Y

Outputs

Output	Description	Type
OUTPUT_TYPE		gen_text_input
OUTPUT_VALUE		gen_text_input



SCVMM 2008 Network Tasks

This chapter contains the following sections:

- [Add PNIC to Hyper-V Virtual Network, on page 3002](#)
- [Configure Hyper-V Host Network Adapter, on page 3003](#)
- [Create Hyper-V Virtual Network, on page 3004](#)
- [Delete Hyper-V Virtual Network, on page 3005](#)
- [Remove Hyper-V PNIC from Virtual Network, on page 3006](#)
- [Update Hyper-V Host Network Adapter, on page 3007](#)

Add PNIC to Hyper-V Virtual Network

Summary

Add a PNIC to a virtual network.

Description

This task attaches a physical network adapter (PNIC) to a virtual network.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to add PNIC to virtual network	hypervHost	Y
Physical Network Adapter	Select Physical Network Adapter.	gen_text_input	Y
Virtual Network	Select Virtual Network.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_PNIC	Name of the physical network adapter	gen_text_input
OUTPUT_VIRTUAL_NETWORK	Name of the Virtual Network	gen_text_input

Configure Hyper-V Host Network Adapter

Summary

Configure a host network adapter.

Description

This task configures a network adapter. VLAN mode (access or trunk) can be configured with associated VLANs.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Select Host Network Adapter	Select host network adapter	gen_text_input	Y
VLAN Mode	Specify the VLAN mode	gen_text_input	
VLAN ID	VLAN ID	vlanID	Y
VLAN IDs	Comma separated list of VLANs.	gen_text_input	Y

Outputs

No Outputs

Create Hyper-V Virtual Network

Summary

Create a virtual network at the host level.

Description

This task creates a virtual network at the host level.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Name	Virtual network name	gen_text_input	Y
Description	Virtual network description	gen_text_input	
Network Type	Specify the network type	gen_text_input	
Configure host access VLAN	Select this option to configure host access VLAN		
VLAN ID	VLAN ID	vlanID	Y
Select Host Network Adapter	Select host network adapter	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_VIRTUAL_NETWORK	Name of the Virtual Network	gen_text_input

Delete Hyper-V Virtual Network

Summary

Delete a virtual network at the host level.

Description

This task deletes a virtual network at the host level.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Select Host Virtual Network	Select Host Virtual Network	gen_text_input	Y

Outputs

No Outputs

Remove Hyper-V PNIC from Virtual Network

Summary

Remove a PNIC from a virtual network.

Description

This task de-attaches a physical network adapter (PNIC) from a virtual network.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to unregister	hypervHost	Y
Physical Network Adapter	Select Physical Network Adapter.	gen_text_input	Y
Virtual Network	Select Virtual Network.	gen_text_input	Y

Outputs

No Outputs

Update Hyper-V Host Network Adapter

Summary

Update a host network adapter.

Description

This task modifies an access VLAN, or adds or removes a trunk VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Select Host Network Adapter	Select host network adapter	gen_text_input	Y
VLAN Mode	Specify the VLAN mode	gen_text_input	
Action	Select action to add or remove VLANs from trunk.	gen_text_input	
Existing VLAN	Existing VLAN.		
VLAN ID	VLAN ID	vlanID	Y
VLAN IDs	Comma separated list of VLANs.	gen_text_input	Y

Outputs

No Outputs



SCVMM 2012 SP1 Network Tasks

This chapter contains the following sections:

- [Add Hyper-V Logical Network to Host Adapter, on page 3011](#)
- [Add Hyper-V Logical Switch to Host, on page 3012](#)
- [Add Hyper-V Network Service, on page 3013](#)
- [Add Hyper-V Virtual Network Adapter To Host Logical Switch, on page 3014](#)
- [Add Hyper-V Virtual Port To Logical Switch, on page 3015](#)
- [Add IPSubnet VLAN To Hyper-V Logical Network Definition, on page 3016](#)
- [Add Uplink Port Profile To Hyper-V Logical Switch, on page 3017](#)
- [Create Hyper-V IP Pool, on page 3018](#)
- [Create Hyper-V Logical Network, on page 3020](#)
- [Create Hyper-V Logical Network Definition, on page 3021](#)
- [Create Hyper-V Logical Switch, on page 3022](#)
- [Create Hyper-V Native Uplink Port Profile, on page 3023](#)
- [Create Hyper-V Port Classification, on page 3024](#)
- [Create Hyper-V Standard Switch, on page 3025](#)
- [Create Hyper-V VM Network, on page 3026](#)
- [Create Hyper-V VM Subnet On VM Network, on page 3027](#)
- [Create Hyper-V Virtual Network Adapter Port Profile, on page 3028](#)
- [Create IP Pool On Hyper-V VM Network, on page 3029](#)
- [Delete Hyper-V IPSubnet VLAN From Logical Network Definition, on page 3031](#)
- [Delete Hyper-V Logical Network, on page 3032](#)
- [Delete Hyper-V Logical Network Definition, on page 3033](#)
- [Delete Hyper-V Logical Switch, on page 3034](#)
- [Delete Hyper-V Native Uplink Port Profile, on page 3035](#)
- [Delete Hyper-V Port Classification, on page 3036](#)
- [Delete Hyper-V Standard Switch, on page 3037](#)
- [Delete Hyper-V VM Network, on page 3038](#)
- [Delete Hyper-V Virtual Network Adapter Port Profile, on page 3039](#)
- [Edit Hyper-V Standard Switch, on page 3040](#)
- [Refresh Hyper-V Network Service, on page 3041](#)
- [Remove Hyper-V IP Pool, on page 3042](#)
- [Remove Hyper-V Logical Network from Host Adapter, on page 3043](#)
- [Remove Hyper-V Network Service, on page 3044](#)

- [Remove Hyper-V Uplink Port Profile From Logical Switch, on page 3045](#)
- [Remove Hyper-V VM Subnet From VM Network, on page 3046](#)
- [Remove Hyper-V Virtual Network Adapter from Host Logical Switch, on page 3047](#)
- [Remove Hyper-V Virtual Port From Logical Switch, on page 3048](#)
- [Update IP Address Reservation In Hyper-V IP Pool, on page 3049](#)

Add Hyper-V Logical Network to Host Adapter

Summary

Add logical networks and VM subnets to a host network adapter.

Description

This task adds logical networks and VM subnets to host network adapter. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select Host	hypervHost	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapterIdentity	Y
Select Logical Network	Select Logical Network	hypervLogicalNetworkIdentity	Y
Select Ip Subnet	Select Ip Subnet	hypervIpSubnetFromSiteIdentity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_ADAPTER_IDENTITY	Host Network Adapter Identity	hypervHostAdapterIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Add Hyper-V Logical Switch to Host

Summary

Add a logical switch to a host.

Description

This task adds a logical switch to a host. NIC teaming is not supported. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select Host	hypervHost	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapterIdentity	Y
Select Logical Network	Select Logical Network	hypervLogicalNetworkIdentity	
Select Ip Subnet	Select Ip Subnet	hypervIpSubnetFromSiteIdentity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_ADAPTER_IDENTITY	Host Network Adapter Identity	hypervHostAdapterIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Add Hyper-V Network Service

Summary

Add a network service.

Description

This task adds a network service to VMM. This task is supported for the following version of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Account	Select Hyper V Account	hypervAccountIdentity	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Configuration Provider	Select Configuration Provider	hypervConfigurationProviderIdentity	Y
Run As Account	Select Run As Account	hypervRunAsAccountIdentity	Y
Connection String	Enter Connection String	gen_text_input	Y
Host Group	Select host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Add Hyper-V Virtual Network Adapter To Host Logical Switch

Summary

Add a virtual network adapter to a host logical switch.

Description

This task adds a virtual network adapter to a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Logical Switch	Select the logical switch to perform the action	hypervLogicalSwitchIdentity	Y
Virtual Network Adapter Name	Enter Virtual Network Adapter Name	gen_text_input	Y
VM Network	Select VM network	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnet Identity	Y
Port Classification	Select port classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Add Hyper-V Virtual Port To Logical Switch

Summary

Add a virtual port to a logical switch.

Description

This task classifies a virtual port and assigns one port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitch Identity	Y
Port Classification	Select a port Classification	hypervPortClassification Identity	Y
Include Virtual Network Adapter Port Profile	Choose this options to include virtual network adapter port profile	gen_text_input	
Native Virtual Network Adapter Port Profile	Select a native virtual network adapter port profile	hypervVnaPortProfile Identity	Y
Virtual Network Adapter Extension Port Profile	Select Virtual Network Adapter Extension Port Profile	hypervVnaExtensionPort ProfileIdentity	

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE_SET	Virtual network adapter port profile set Identity	hypervVnaPortProfileSet Identity

Add IPSubnet VLAN To Hyper-V Logical Network Definition

Summary

Add an IP subnet to a site.

Description

This task adds an IP Subnet to an existing logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network Definition	Select a logical network definition	hypervLogicalNetworkDefIdentity	Y
VLAN ID	VLAN ID	vlanID	Y
IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Secondary VLAN ID	VLAN ID	vlanID	

Outputs

Output	Description	Type
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Add Uplink Port Profile To Hyper-V Logical Switch

Summary

Add an uplink port profile to a logical switch.

Description

This task adds an uplink port profiles to a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitchIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSet Identity

Create Hyper-V IP Pool

Summary

Create an IP pool.

Description

This task creates an IP pool by selecting a subnet under a logical network definition (site). A subnet can have multiple non-overlapping IP pools. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool Name	IP Pool Name	gen_text_input	Y
Logical Network	Select logical network	hypervLogicalNetworkIdentity	Y
Select Logical Network Definition	Select a logical network definition.	hypervLogicalNetworkDefIdentity	Y
Select Subnet	Select a subnet.	hypervIpSubnetFromSiteIdentity	Y
Start IP Address	Start IP Address	gen_text_input	Y
End IP Address	End IP Address	gen_text_input	Y
IP Addresses reserved for Load Balancer VIPs	Use commas to separate multiple IP addresses. Ranges in the format IP1-IP2 are allowed.	gen_text_input	
IP Addresses reserved for other uses	Use commas to separate multiple IP addresses. Ranges in the format IP1-IP2 are allowed.	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	gen_text_input	
Automatic Gateway Metric	Choose this options to set gateway metric to automatic	gen_text_input	
Gateway Metric	Enter gateway metric in the range 1 - 9999	gen_text_input	Y
DNS Server IP Address	Enter DNS Server IP Address	gen_text_input	
DNS Suffix	Enter DNS Suffix	gen_text_input	
WINS Server IP Address	Enter WINS Server IP Address	gen_text_input	
Enable NetBIOS over TCP/IP	Choose this options to allow Net BIOS over TCP/IP	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_POLICY_IPPOOL_IDENTITY	Output Policy Ip Pool Identity	gen_text_input

Create Hyper-V Logical Network

Summary

Create a logical network.

Description

This task creates a logical network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccount Identity	Y
Name	Enter logical network name	gen_text_input	Y
Description	Description for the logical network	gen_text_input	
Network Sites are equivalent and routable and can be used as single connected network	The network sites within this network are equivalent and routable and can be used as a single connected network	gen_text_input	
Allow Network Virtualization	Allow new VM Networks created on this logical network to use network virtualization	gen_text_input	
Create VM Network with same name to allow VMs to access this logical network directly	Allow new VM Networks created on this logical network to use network virtualization	gen_text_input	
Subnet-VLAN pairs defined by sites are used as independent networks	The Subnet-VLAN pairs defined by the sites are used as independent networks	gen_text_input	
Network Sites contain Primary and Secondary VLAN pairs in isolated mode	The network sites within this logical network contain independent networks consisting of primary and secondary VLAN pairs in isolated mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Create Hyper-V Logical Network Definition

Summary

Create a logical network definition (site).

Description

This task creates a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network	Select a logical network to delete	hypervLogicalNetworkIdentity	Y
Name	Enter logical network definition (site) name	gen_text_input	
Host Groups	Select host groups	hypervHostGroupIdentity	Y
VLAN ID	VLAN ID	vlanID	Y
IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Secondary VLAN ID	VLAN ID	vlanID	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Create Hyper-V Logical Switch

Summary

Create a logical switch.

Description

This task creates a logical switch. You can select an uplink port profile and uplink mode. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter logical switch name	gen_text_input	Y
Description	Description for the logical switch	gen_text_input	
Enable single root I/O virtualization (SR-IOV)	Choose this options to enable single root I/O virtualization	gen_text_input	
Extensions	Select the virtual switch extensions	hypervVirtualSwitchExtensionIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	
Uplink Mode	Specify an uplink mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSetIdentity

Create Hyper-V Native Uplink Port Profile

Summary

Create a native uplink port profile.

Description

This task creates a native uplink port profile. You can select a load balancing algorithm, teaming mode, network site, and network virtualization. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port profile name	gen_text_input	Y
Description	Description	gen_text_input	
Load Balancing Algorithm	Specify a load balancing algorithm	gen_text_input	
Teaming Mode	Specify a teaming mode	gen_text_input	
Network Sites	Select a network site	hypervLogicalNetworkDef Identity	
Enable Windows Network Virtualization	Choose this options if Windows Network Virtualization need to be enabled	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NATIVE_UPLINK_PORT_PROFILE	Native uplink port profile Identity	hypervUpLinkPortProfile Identity

Create Hyper-V Port Classification

Summary

Create a port classification.

Description

This task creates a port classification. Port classifications provide global names for identifying different types of virtual network adapter port profiles. A port classification can be used across multiple logical switches while the settings for the port classification remain specific to each logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port classification name	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PORT_CLASSIFICATION_IDENTITY	Port Classification IDentity	hypervPortClassification Identity

Create Hyper-V Standard Switch

Summary

Create a standard switch on a Hyper V host.

Description

This task creates a standard switch on a Hyper-V host. This creates a virtual network with the same name. The following switch types are supported:

- External
- Internal
- Private

This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Type	Specify the switch type	gen_text_input	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapter Identity	Y
Allow Management OS to share the adapter	Select this option to allow management OS to access the adapter	gen_text_input	
Configure host access VLAN	Select this option to configure host access VLAN	gen_text_input	
VLAN ID	VLAN ID	vlanID	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Create Hyper-V VM Network

Summary

Create a VM network.

Description

This task creates a VM network by selecting a site and subnet. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network Name	Name of the VM Network	gen_text_input	Y
Description	Description	gen_text_input	
Logical Network	Select logical network	hypervLogicalNetworkIdentity	Y
Select Logical Network Definition	Select a logical network definition.	hypervLogicalNetworkDef Identity	
Select Subnet	Select a subnet.	hypervIpSubnetFromSite Identity	
Isolation Options	Select the Isolation Options	gen_text_input	
External VM Network	Select External VM Network	hypervExternalVMNetwork Identity	
Subnet Name	Enter Subnet Name	gen_text_input	
Subnet	Enter Subnet	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSite Identity
OUTPUT_POLICY_NETWORK_IDENTITY	Output Policy VM Network Identity	gen_text_input
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnet Identity

Create Hyper-V VM Subnet On VM Network

Summary

Create a VM subnet on a VM network.

Description

This task creates a VM subnet from a VM network. It is only applicable to VM networks that use Windows Network Virtualization. Only VM networks managed by VMM can be used in this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y
Subnet Name	Enter Subnet Name	gen_text_input	Y
Subnet	Enter Subnet	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnetIdentity

Create Hyper-V Virtual Network Adapter Port Profile

Summary

Create a virtual network adapter port profile.

Description

This task creates a virtual network adapter port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port profile name	gen_text_input	Y
Description	Description	gen_text_input	
Enable virtual machine queue	Enables virtual machine queue	gen_text_input	
Enable IPsec task offloading	Enables IPsec task offloading	gen_text_input	
Enable Single-root I/O virtualization	Enables Single-root I/O virtualization		
Allow MAC spoofing	Allows MAC spoofing	gen_text_input	
Enable DHCP Guard	Enables DHCP Guard	gen_text_input	
Allow router guard	Allows router guard	gen_text_input	
Allow guest teaming	Allow guest teaming	gen_text_input	
Allow IEEE priority tagging	Allow IEEE priority tagging	gen_text_input	
Allow guest specified IP addresses	Allow guest specified IP addresses	gen_text_input	
Minimum bandwidth (Mbps)	Minimum bandwidth (Mbps)	gen_text_input	Y
Maximum bandwidth (Mbps)	Maximum bandwidth (Mbps)	gen_text_input	Y
Minimum bandwidth weight	Minimum bandwidth weight	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE	Name of virtual network adapter port profile Identity	hypervVnaPortProfile Identity

Create IP Pool On Hyper-V VM Network

Summary

Create an IP pool on a VM network.

Description

This task creates an IP pool on a VM network. It is only applicable to VM Networks that use Windows Network Virtualization. Only VM Networks managed by VMM can be used in this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool Name	Select IP Pool Name	gen_text_input	Y
VM Network	Select VM Network	hypervVMNetworkIdentity	Y
Select VM Subnet	Select VM Subnet	hypervVMNetworkSubnetIdentity	Y
Start IP Address	Start IP Address	gen_text_input	Y
End IP Address	End IP Address	gen_text_input	Y
IP Addresses reserved for other uses	Use commas to separate multiple IP addresses.Ranges in the format IP1-IP2 are allowed.	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	gen_text_input	
Automatic Gateway Metric	Choose this options to set gateway metric to automatic	gen_text_input	
Gateway Metric	Enter gateway metric in the range 1 - 9999	gen_text_input	Y
DNS Server IP Address	Enter DNS Server IP Address	gen_text_input	
DNS Suffix	Enter DNS Suffix	gen_text_input	
WINS Server IP Address	Enter WINS Server IP Address	gen_text_input	
Enable NetBIOS over TCP/IP	Choose this options to allow Net BIOS over TCP/IP	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Output	Description	Type
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnetIdentity

Delete Hyper-V IPSubnet VLAN From Logical Network Definition

Summary

Delete an IP subnet from a site.

Description

This task deletes an IP subnet from a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select a IP subnet to delete	hypervIpSubnetFromSiteIdentity	Y

Outputs

Output	Description	Type
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Delete Hyper-V Logical Network

Summary

Delete a logical network.

Description

This task deletes a logical network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network	Select a logical network to delete	hypervLogicalNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Delete Hyper-V Logical Network Definition

Summary

Delete a logical network definition (site).

Description

This task deletes a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network Definition	Select a logical network definition to delete	hypervLogicalNetworkDef Identity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity

Delete Hyper-V Logical Switch

Summary

Delete a logical switch.

Description

This task deletes a logical switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch to delete	hypervLogicalSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity

Delete Hyper-V Native Uplink Port Profile

Summary

Delete a native uplink port profile.

Description

This task deletes a native uplink port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Profile	Select native uplink port profile to delete	hypervUpLinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NATIVE_UPLINK_PORT_PROFILE	Native uplink port profile Identity	hypervUpLinkPortProfileIdentity

Delete Hyper-V Port Classification

Summary

Delete a port classification.

Description

This task deletes a port classification. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Classification	Select port classification to delete	hypervPortClassificationIdentity	Y

Outputs

Output	Description	Type
OUTPUT_PORT_CLASSIFICATION_IDENTITY	Port Classification IDentity	hypervPortClassification Identity

Delete Hyper-V Standard Switch

Summary

Delete a standard switch from a Hyper-V Host.

Description

This task deletes a standard switch from a Hyper V host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Standard Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Delete Hyper-V VM Network

Summary

Delete a VM network.

Description

This task deletes a VM network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Delete Hyper-V Virtual Network Adapter Port Profile

Summary

Delete a virtual network adapter port profile.

Description

This task deletes a virtual network adapter port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Profile	Select virtual network adapter port profile to delete	hypervVnaPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE	Name of virtual network adapter port profile Identity	hypervVnaPortProfileIdentity

Edit Hyper-V Standard Switch

Summary

Edit a standard switch on a Hyper-V host.

Description

This task edits a standard switch on a Hyper V host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Standard Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Type	Specify the switch type	gen_text_input	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapter Identity	Y
Allow Management OS to share the adapter	Select this option to allow management OS to access the adapter	gen_text_input	
Configure host access VLAN	Select this option to configure host access VLAN	gen_text_input	
VLAN ID	VLAN ID	vlanID	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Refresh Hyper-V Network Service

Summary

Refresh a Hyper-V network service.

Description

This task refreshes a network service. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network Service	List of Network Services	hypervNetworkServiceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Remove Hyper-V IP Pool

Summary

Delete an IP Pool.

Description

This task deletes an IP pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool	Select IP Pool to delete	hypervIpPoolIdentity	Y
Force revoke Ip Addresses	Forcibly revokes Ip Addresses from the Ip Pool before deleting it	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity

Remove Hyper-V Logical Network from Host Adapter

Remove Hyper-V Network Service

Summary

Remove a network service.

Description

This task removes a network service from VMM. This task is supported for the following version of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network Service	List of Network Services	hypervNetworkServiceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Remove Hyper-V Uplink Port Profile From Logical Switch

Summary

Remove uplink port profiles from a logical switch.

Description

This task removes uplink port profiles from a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitchIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSet Identity

Remove Hyper-V VM Subnet From VM Network

Summary

Remove a VM subnet From a VM network.

Description

This task removes a VM subnet from a VM network. It is only applicable to VM networks that use Windows Network Virtualization. Only VM subnets managed by VMM can be removed using this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnetIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnetIdentity
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Remove Hyper-V Virtual Network Adapter from Host Logical Switch

Summary

Remove a virtual network adapter from a host logical switch.

Description

This task adds a virtual network adapter to a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Logical Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y
Select Virtual Network Adapter	Select VM Nic	hypervVMNicIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Remove Hyper-V Virtual Port From Logical Switch

Summary

Remove a virtual port from a logical switch.

Description

This task removes a virtual port from a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Port Profile Set	Select virtual port profile set to delete	hypervVnaPortProfileSet Identity	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE_SET	Virtual network adapter port profile set Identity	hypervVnaPortProfileSet Identity

Update IP Address Reservation In Hyper-V IP Pool

Summary

Update an IP Address reservation in an IP pool.

Description

This task updates an IP address reservation in an IP pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter name of the Storage Classification	gen_text_input	Y
Description	Enter description of the Storage Classification	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_CLASSIFICATION_NAME	Storage Classification Name	gen_text_input
OUTPUT_STORAGE_CLASSIFICATION_ID	Storage Classification Identity	hypervStorageClassificationIdentity



SCVMM 2012 SP1 Storage Tasks

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- [Add Hyper-V File Share to Host, on page 3053](#)
- [Add Hyper-V Storage Logical Unit to Cluster, on page 3054](#)
- [Add Hyper-V Storage Logical Unit to Host, on page 3055](#)
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- [Repair Hyper-V Cluster File Share, on page 3077](#)
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Add Hyper-V File Share to Cluster

Summary

Add a file share to a cluster.

Description

This task adds a file share to a cluster. Only managed file shares can be added to a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select File Share	Select the file share to add	hypervFileShareIdentity	Y
Select Run As Account	Select the Run As Account to perform the operation	hypervRunAsAccountIdentity	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Add Hyper-V File Share to Host

Summary

Add a file share to a host.

Description

This task adds a file share to a host. Only managed file shares can be added to a host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select File Share	Select the file share to add	hypervFileShareIdentity	Y
Select Run As Account	Select the Run As Account to perform the operation	hypervRunAsAccount Identity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Add Hyper-V Storage Logical Unit to Cluster

Summary

Add a LUN to a cluster.

Description

This task adds a storage logical unit (LUN) to a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select Lun	Select the lun to be added	hypervStorageLUNIdentity	Y
Partition Style	Create MBR or GPT Partition	hypervPartitionType	Y
File System	Select File System	hypervFileSystemType	Y
Volume Label	Enter Volume Label	gen_text_input	Y
Quick Format	Quick Format	gen_text_input	
Force Format	Force Format	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity
OUTPUT_HOST_VOLUME_IDENTITY	Host Volume Identity	gen_text_input

Add Hyper-V Storage Logical Unit to Host

Summary

Add a LUN to a host.

Description

This task adds a storage logical unit (LUN) to a host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Lun	Select the lun to be added	hypervStorageLUNIdentity	Y
Partition Style	Create MBR or GPT Partition	hypervPartitionType	Y
File System	Select File System	hypervFileSystemType	Y
Volume Label	Enter Volume Label	gen_text_input	Y
Quick Format	Quick Format	gen_text_input	
Force Format	Force Format	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Add Hyper-V Storage Provider

Summary

Add a storage provider.

Description

This task adds a storage provider from the SCVMM. The following storage provider types are supported:

- SMB 3.0 File Share
- SMI-S CIMXML
- SMI-S WMI

This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Select Storage Provider Type	Select the Storage Provider Protocol	gen_text_input	Y
Storage Provider Name	Specify the name of the Storage Provider	gen_text_input	Y
Storage Provider Description	Specify the description of the Storage Provider	gen_text_input	
Provider Ip Address or FQDN	Specify the FQDN or IP Address of the Storage Provider	gen_text_input	Y
TCP/IP Port	Specify the FQDN or IP Address of the Storage Provider	gen_text_input	
Storage Provider in untrusted Active Directory Domain	Specify whether the Storage Provider in untrusted Active Directory Domain	gen_text_input	
Select Run As Account	Select the Run As Account to perform the operation	hypervRunAsAccount Identity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_PROVIDER_IDENTITY	Storage Provider ID	hypervStorageProvider Identity
OUTPUT_STORAGE_PROVIDER_NAME	Storage Provider Name	gen_text_input

Add Hyper-V Storage to Host Group

Summary

Add storage pools and LUNs to a host group.

Description

This task adds storage pools and storage logical units (LUNs) to a host group. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Group	Select the host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_GROUP_IDENTITY	Host Group Identity	hypervHostGroupIdentity
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	hypervStoragePoolIdentity

Convert Hyper-V Cluster to CSV

Summary

Convert available storage to a cluster shared volume.

Description

This task converts available storage to a cluster shared volume. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select Volume	Select the volume to be added to the cluster	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_HOST_VOLUME_NAME	Host Volume Name	gen_text_input
OUTPUT_HOST_VOLUME_IDENTITY	Host Volume Identity	gen_text_input
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Convert Hyper-V Volume to Available Storage

Summary

Convert cluster shared volume to available storage volume.

Description

This task convert a cluster shared volume to an available storage volume. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select Volume	Select the volume to be added to the cluster	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_HOST_VOLUME_NAME	Host Volume Name	gen_text_input
OUTPUT_HOST_VOLUME_IDENTITY	Host Volume Identity	gen_text_input
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Create Hyper-V File Share

Summary

Create an SMB 3.0 File Share.

Description

This task creates an SMB 3.0 file share on a file server. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Server	Select file server	hypervFileServerIdentity	Y
Name	Enter name of the File Share	gen_text_input	Y
Description	Enter description of the File Share	gen_text_input	
Local path	Enter Local Path to be as File Share	gen_text_input	Y
Continuously available	Select Continuously Available	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_STORAGE_FILE_SHARE_NAME	File Share Name	gen_text_input
OUTPUT_STORAGE_FILE_SERVER_NAME	File Server Name	gen_text_input
OUTPUT_STORAGE_FILE_SERVER_ID	File Server Identity	hypervFileServerIdentity

Create Hyper-V iSCSI Session to Storage Array

Summary

Create an iSCSI session to an array.

Description

This task creates an iSCSI session from a host to a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Array	Select the Storage Array	hypervStorageArrayIdentity	Y
Select Host	Select the Host	hypervHost	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_ARRAY_IDENTITY	Storage Array Identity	hypervStorageArrayIdentity

Create Hyper-V Storage Classification

Create Hyper-V Storage Logical Unit

Summary

Create a storage logical unit (LUN).

Description

This task creates a storage logical unit (LUN) on a storage pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Pool	Select Storage Pool	hypervStoragePoolIdentity	Y
Name	Enter name of the LUN	gen_text_input	Y
Description	Enter description of the LUN	gen_text_input	
Size(GB)	Enter size in GB	gen_text_input	Y
Provisioning Type	Create thin or fixed storage logical unit with capacity committed on demand	hypervLunProvisioningType	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_LUN_NAME	LUN Name	gen_text_input
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	hypervStoragePoolIdentity
OUTPUT_STORAGE_ARRAY_IDENTITY	Storage Array Identity	hypervStorageArrayIdentity

Delete Hyper-V Storage Classification

Summary

Delete a storage classification.

Description

This task deletes a storage classification. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Classification	Select name of the HyperV Storage Classification in this system	hypervStorageClassification Identity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_CLASSIFICATION_NAME	Storage Classification Name	gen_text_input
OUTPUT_STORAGE_CLASSIFICATION_ID	Storage Classification Identity	hypervStorageClassification Identity

Delete Hyper-V Storage Logical Unit

Summary

Delete a LUN from a storage pool.

Description

This task deletes a LUN from a storage pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select LUN	Select LUN	hypervStorageLUNIdentity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_LUN_NAME	LUN Name	gen_text_input
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity

Manage Hyper-V File Share

Summary

Manage an SMB 3.0 file share.

Description

This task manages an SMB 3.0 file share from a file server. File shares can be marked as managed or unmanaged. Only Managed shares can be used by the SCVMM for placement. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Share	Select File Share	hypervFileShareIdentity	Y
File share managed by Virtual Machine Manager	Check/Uncheck to manage File share by Virtual Machine Manager	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_STORAGE_FILE_SHARE_NAME	File Share Name	gen_text_input
OUTPUT_STORAGE_FILE_SERVER_NAME	File Server Name	gen_text_input
OUTPUT_STORAGE_FILE_SERVER_ID	File Server Identity	hypervFileServerIdentity

Modify Hyper-V Storage Logical Unit

Summary

Modify a LUN.

Description

This task modifies the properties of a storage logical unit (LUN). This task is supported for following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Logical Unit	Select Storage Logical Unit to be modified	hypervStorageLUNIdentity	Y
Storage Logical Unit Name	Specify the name of the Storage Logical Unit	gen_text_input	Y
Storage Logical Unit Description	Specify the description of the Storage Logical Unit	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity

Modify Hyper-V Storage Pool

Summary

Modify a storage pool.

Description

This task modify the properties of a storage pool. This task is supported for following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Pool	Select Storage Pool to be modified	hypervStoragePoolIdentity	Y
Storage Pool Name	Specify the name of the Storage Pool	gen_text_input	Y
Storage Pool Description	Specify the description of the Storage Pool	gen_text_input	
Select Storage Classification	Choose the classification to which the Storage Pool must be assigned	hypervStorageClassificationIdentity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	hypervStoragePoolIdentity
OUTPUT_STORAGE_CLASSIFICATION_ID	Storage Classification Identity	hypervStorageClassificationIdentity

Refresh Hyper-V Storage Provider

Summary

Refresh a storage provider.

Description

This task rescans and refreshes the selected storage provider. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Provider	List of Storage Providers	HYPERV_STORAGE_PROVIDER_IDENTITY	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_PROVIDER_IDENTITY	Storage Provider ID	hypervStorageProviderIdentity
OUTPUT_STORAGE_PROVIDER_NAME	Storage Provider Name	gen_text_input

Remove Hyper-V File Share

Summary

Delete an SMB 3.0 file share.

Description

This task deletes an SMB 3.0 file share from a file server. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Share	Select File Share	hypervFileShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_FILE_SHARE_NAME	File Share Name	gen_text_input
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_STORAGE_FILE_SERVER_NAME	File Server Name	gen_text_input
OUTPUT_STORAGE_FILE_SERVER_ID	File Server Identity	hypervFileServerIdentity

Remove Hyper-V File Share from Cluster

Summary

Remove a file share from a cluster.

Description

This task removes a file share from a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select File Share	Select the file share to remove	hypervFileShareIdentity	Y
Remove Permissions from Share	Specify whether the permissions should be removed from the file share	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity

Remove Hyper-V File Share from Host

Summary

Remove a file share from a host.

Description

This task removes a file share from a host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select File Share	Select the file share to remove	hypervFileShareIdentity	Y
Remove Permissions from Share	Specify whether the permissions should be removed from the file share	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity

Remove Hyper-V Storage Logical Unit from Cluster

Summary

Remove a LUN from a cluster.

Description

This task removes a storage logical unit (LUN) from a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y
Select Available Storage	Select the volume to be removed	hypervStorageLUNIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity

Remove Hyper-V Storage Logical Unit from Host

Summary

Remove a storage logical unit from a host.

Description

This task removes a storage logical unit (LUN) from a host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Host Disk	Select the disk to be removed	hypervStorageLUNIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity

Remove Hyper-V Storage Provider

Summary

Remove a storage provider.

Description

This task removes any storage provider from the SCVMM. Applications and data present on them is undisturbed. This task is only supported for following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Storage Provider	Remove Storage Provider	HYPERV_STORAGE_PROVIDER_IDENTITY	Y

Outputs

Output	Description	Type
OUTPUT_STORAGE_PROVIDER_IDENTITY	Storage Provider ID	hypervStorageProviderIdentity
OUTPUT_STORAGE_PROVIDER_NAME	Storage Provider Name	gen_text_input

Remove Hyper-V Storage from Host Group

Summary

Detach storage pools and LUNs from a host group.

Description

This task detaches storage pools and storage logical units (LUNs) from a host group. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Group	Select the host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_GROUP_IDENTITY	Host Group Identity	hypervHostGroupIdentity
OUTPUT_STORAGE_LUN_IDENTITY	LUN Identity	hypervStorageLUNIdentity
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	hypervStoragePoolIdentity

Repair Hyper-V Cluster File Share

Summary

Repair a Hyper-V cluster file share.

Description

This task repairs a file share connected to a cluster. Only managed file shares can be repaired. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the Cluster to perform the action	hypervClusterIdentity	Y
Select File Share	Select the file share to repair	hypervFileShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity

Repair Hyper-V Host File Share

Summary

Repair a host file share.

Description

This task repairs a file share connected to a host. Only managed file shares can be repaired. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the Host to perform the action	hypervHost	Y
Select File Share	Select the file share to repair	hypervFileShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STORAGE_FILE_SHARE_ID	File Share Identity	hypervFileShareIdentity
OUTPUT_DATASTORE_IDENTITY	Datastore Identity	hyperVDatastoreIdentity



Server Tasks

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- [AllRackServerAssetTagForm](#), on page 3082
- [AllRackServerFrontLocatorLEDForm](#), on page 3083
- [AllRackServerHardResetForm](#), on page 3084
- [AllRackServerLocatorLEDForm](#), on page 3085
- [AllRackServerPowerCycleForm](#), on page 3086
- [AllRackServerPowerOffForm](#), on page 3087
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- [AllRackServerRebootCMCForm](#), on page 3089
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- [UnMapHostImageCIMCServerForm](#), on page 3123

AddCIMCDeviceDiscoveryProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Option			Y
IP Address List			Y
Starting IP Address			Y
Ending IP Address			Y
Network Address			Y
Subnet Mask			Y
	Select IP Address CSV File		Y
Sample CSV File			
Use Credential Policy	Select if you want to use policy to give the credentials.		
Credential Policy			Y
Username			Y
Password			Y
Protocol			
Port			Y
Description			
Contact			
Location			
Rack Group			

Outputs

No Outputs

AllRackServerAssetTagForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Set Asset Tag to			
Select Server		gen_text_input	
Select Chassis		gen_text_input	
Asset Tag			

Outputs

No Outputs

AllRackServerFrontLocatorLEDForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Chassis	Server Key	gen_text_input	Y
Turn the Front Locator LED for selected chassis on/off			

Outputs

No Outputs

AllRackServerHardResetForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y

Outputs

No Outputs

AllRackServerLocatorLEDForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y
Turn the Locator Led for selected servers on/off			

Outputs

No Outputs

AllRackServerPowerCycleForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y

Outputs

No Outputs

AllRackServerPowerOffForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y

Outputs

No Outputs

AllRackServerPowerOnForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y

Outputs

No Outputs

AllRackServerRebootCMCForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y

Outputs

No Outputs

AllRackServerRebootForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y

Outputs

No Outputs

AllRackServerSetDescriptionOnCIMCServerForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server	Server Key	gen_text_input	Y
Enter new Label			Y

Outputs

No Outputs

AllRackServerShutDownForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server(s)	Server Key	gen_text_input	Y

Outputs

No Outputs

AssignRackGroup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select Rack Account to assign Rack Group		Y
Rack Group			Y

Outputs

No Outputs

CIMCAddTagsForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Physical Compute Type			
		gen_text_input	Y
		gen_text_input	Y
			Y

Outputs

No Outputs

CIMCClearTechSupport

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Tech Support			Y

Outputs

No Outputs

CIMCDeleteTagsForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Physical Compute Type			
		gen_text_input	Y
		gen_text_input	Y
			Y

Outputs

No Outputs

CIMCDiscoveryProfileDeleteFormImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	

Outputs

No Outputs

CIMCManageHCLProfileConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y
Server(s):			Y

Outputs

No Outputs

CIMCModifyHCLProfileConfigImpl

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
			Y
Server(s):			Y

Outputs

No Outputs

CIMCRackGroup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	Y
		gen_text_input	

Outputs

No Outputs

CIMCTechLogSupportForm

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Rack Servers	Rack Servers	gen_text_input	Y
Destination Type			Y
Select Option			Y
Server IP/Host name			Y
Path and File name			Y
Username			Y
Password			Y

Outputs

No Outputs

CreateCIMCDiagnosticsProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
ISO Share Type			
ISO Share IP			Y
ISO Share Path			Y
Username			
Password			
SCU Image	Select SCU image file		Y

Outputs

No Outputs

CreateCIMCIInfraAccount

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Accounts	Select one or more accounts to delete.		Y

Outputs

No Outputs

CreateRackGroup

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Rack Group Name	Rack Group Name		Y
Rack Group Description	Rack Group Description		

Outputs

No Outputs

DeleteCIMCDiagnosticsProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Accounts	Select one or more profile(s) to delete.		Y

Outputs

No Outputs

DeleteHostImageCIMCServerForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server	Server Key	gen_text_input	Y
Enter image name(s) which need to be deleted			Y

Outputs

No Outputs

DeleteOSTagForHCR

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Delete OS Tag from			
ServerGroups			Y

Outputs

No Outputs

DeleteRackAccountsForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Accounts	Select one or more accounts to delete.		Y

Outputs

No Outputs

DeleteServerDiagnosticsReport

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
		gen_text_input	

Outputs

No Outputs

HCLProfile

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
			Y

Outputs

No Outputs

ImportRackServers

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Discovered Devices			Y
User Prefix			

Outputs

No Outputs

ManagedOSTagForHCR

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Set OS Tag to			
ServerGroups			Y
Operating System			Y
Operating System Version			Y

Outputs

No Outputs

MapHostImageCIMCServerForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server	Server Key	gen_text_input	Y
Enter image name which need to be mapped			Y

Outputs

No Outputs

ModifyCIMCDeviceDiscoveryProfile

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
Select Option			Y
IP Address List			Y
Starting IP Address			Y
Ending IP Address			Y
Network Address			Y
Subnet Mask			Y
	Select IP Address CSV File		Y
Sample CSV File			
Use Credential Policy	Select if you want to use policy to give the credentials.		
Credential Policy			Y
Username			Y
Password			Y
Protocol			
Port			Y
Description			
Contact			
Location			
Rack Group			

Outputs

No Outputs

ModifyCIMCDiagnosticsProfile

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Profile Name			Y
ISO Share Type			
ISO Share IP			Y
ISO Share Path			Y
Username			
Password			
SCU Image	Select SCU image file		Y

Outputs

No Outputs

ModifyCIMCInfraAccount

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Accounts	Select one or more accounts to delete.		Y

Outputs

No Outputs

ModifyRackGroup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Rack Group Name	Rack Group Name		Y
Rack Group Description	Rack Group Description		

Outputs

No Outputs

RunInventory

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Run Inventory on			
Rack Groups			Y

Outputs

No Outputs

RunServerDiagnostics

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Profile			Y
Servers			Y
Note: Running Diagnostics on servers will cause them to reboot and result in a downtime of the hosts.			

Outputs

No Outputs

RunServerDiscovery

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Config Profile	Select configuration file to discover the devices.		Y
Enable	Enable		Y
Schedule Name			Y

Outputs

No Outputs

SetRackServersPropertiesAPI

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Discovered Devices			
Description			
Contact			
Location			
Rack Group			Y

Outputs

No Outputs

TestConnection

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Names	Select Rack Account to test connection.	gen_text_input	Y

Outputs

No Outputs

UnMapHostImageCIMCServerForm

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Server	Server Key	gen_text_input	Y

Outputs

No Outputs



Service Container Tasks

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APIC Container Function Profile Lookup

Summary

Output Function Profile Identity from container

Description

This task outputs tenant function profile identity from container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenantIdentity
OUTPUT_CONTAINER_GROUPID	Application Container Group ID	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
FUNCTION_PROFILE_IDENTITY	Tenant Function Profile Identity	ApicTenantFunctionProfileIdentity

APIC Container L4-L7 Service Info Wrapper

Summary

Output APIC Container L4-L7 Service Information

Description

This task outputs APIC Container L4-L7 Service information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Tier 1	Tier 1	gen_text_input	
Tier 2	Tier 2	gen_text_input	
Service Type	Service Type	gen_text_input	Y
Service Chain Flag	Service Chain Flag	gen_text_input	Y
Service Chain Type	Service Chain Type	gen_text_input	Y
Service Name	Service Name	gen_text_input	
SSL Enabled Flag	SSL Enabled Flag	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CONTAINER_NAME	Container Name	gen_text_input
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity
TENANT_DEVICE_CLUSTER	APIC Tenant Device Cluster	gen_text_input
TENANT_DEVICE_CLUSTER_IDENTITY	APIC Tenant Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity
DEVICE_PACKAGE_IDENTITY	APIC Tenant Device Package Identity	ApicDeviceTenantPackageIdentity
OUTPUT_L4L7_MGMT_IP	L4-L7 Device Management IP	gen_text_input
PORT	APIC Tenant Device Cluster	gen_text_input
SEC_PORT	APIC Tenant Device Cluster	gen_text_input
OUTPUT_APIC_DEVICE_SEC_DOMAIN_PROFILE_IDENTITY	APIC Device Domain Profile Identity	ApicDomainProfileIdentity
OUTPUT_CONTEXT_AWARE	Context Aware	gen_text_input
OUTPUT_L4L7_CLUSTER_IP	L4L7 Cluster IP	gen_text_input
OUTPUT_ADMIN_USERNAME	Admin Username	gen_text_input
OUTPUT_ADMIN_PASSWORD	Admin Password	password
OUTPUT_SEC_INTERFACE_NAME	Concrete Secondary Interface	gen_text_input

Output	Description	Type
OUTPUT_APIC_ENTITY_USERNAME	APIC Entity Username	gen_text_input
OUTPUT_APIC_ENTITY_PASSWORD	APIC Entity Password	password
OUTPUT_L4L7_SEC_MGMT_IP	L4-L7 Secondary Device Management IP	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_DEVICE	APIC Tenant Device Cluster Concrete Device Identity	gen_text_input
OUTPUT_APIC_DEVICE_DOMAIN_PROFILE_IDENTITY	APIC Device Domain Profile Identity	ApicDomainProfileIdentity
OUTPUT_L4L7_SERVICE_TYPE	L4-L7 Service Type	gen_text_input
OUTPUT_L4L7_DEVICE_TYPE	L4-L7 Device Type	ApicDeviceClusterType
OUTPUT_L4L7_VM_NAME	L4-L7 VM Name	gen_text_input
OUTPUT_L4L7_SEC_VM_NAME	L4-L7 Secondary VM Name	gen_text_input
OUTPUT_L4L7_VM_ID	L4-L7 VM ID	gen_text_input
OUTPUT_L4L7_SEC_VM_ID	L4-L7 Secondary VM ID	gen_text_input
OUTPUT_L4L7_VCENTER_NAME	L4-L7 VCenter Name	gen_text_input
OUTPUT_APIC_CONTAINER_TIER_LIST	APIC Container Tier List	gen_text_input
TENANT_DEVICE_CLUSTER_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY	APIC Tenant Concrete Interfaces Static Path Identity	ApicDeviceStaticPathIdentity
OUTPUT_SERVICE_GRAPH_ASA_FUNCTION_PROFILE_IDENTITY	APIC Service Graph ASA Function Profile Identity	ApicL4L7ServiceGraphAPICASAFunctionProfileIdentity
OUTPUT_LOAD_BALANCER_SERVICES	Load Balancer Services	gen_text_input
SERVICE_GRAPH	Service Graph	gen_text_input
TENANT_FILTER_IDENTITY	Tenant Filter Identity	ApicDeviceTenantFilterIdentity
TENANT_CONTRACT_IDENTITY	APIC Tenant Contract Identity	ApicDeviceTenantContractIdentity
TENANT_CONTRACT_SUBJECT_IDENTITY	Contract Subject Identity	ApicTenantContractSubjectIdentity
OUTPUT_L4L7_TIER1_BRIDGE_DOMAIN_IDENTITY	APIC Container Tier 1 BD Identity	ApicDeviceTenantBridgeDomainIdentity
OUTPUT_L4L7_TIER2_BRIDGE_DOMAIN_IDENTITY	APIC Container Tier 1 BD Identity	ApicDeviceTenantBridgeDomainIdentity

Output	Description	Type
OUTPUT_L4L7_PROVIDER_EPG_IDENTITY	L4L7 Provider EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_L4L7_CONSUMER_EPG_IDENTITY	L4L7 Consumer EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_LB_EXTERNAL_IP	Load Balancer External IP	gen_text_input
OUTPUT_LB_EXTERNAL_IP_MASK	Load Balancer External IP Mask	gen_text_input
OUTPUT_LB_INTERNAL_IP	Load Balancer Internal IP	gen_text_input
OUTPUT_LB_INTERNAL_IP_MASK	Load Balancer Internal IP Mask	gen_text_input
OUTPUT_LB_INFRA_IP	Load Balancer Infra IP	gen_text_input
OUTPUT_LB_INFRA_IP_MASK	Load Balancer Infra IP Mask	gen_text_input
OUTPUT_INFRA_TIER_NAME	Infra Tier Name	gen_text_input
OUTPUT_LB_VIP	Load Balancer Virtual IP	gen_text_input
OUTPUT_L4L7WRAPPER_CREATE_DEVICE_CLUSTER	L4L7 Service Graph Function Node Identity	gen_text_input
OUTPUT_L4L7_INSIDE_INTERFACE_IDENTITY	L4L7 Device Cluster Inside Interface Identity	ApicDeviceTenantDeviceClusterInterfaceIdentity
OUTPUT_L4L7_OUTSIDE_INTERFACE_IDENTITY	L4L7 Device Cluster Outside Interface Identity	ApicDeviceTenantDeviceClusterInterfaceIdentity
OUTPUT_L4L7_SERVICE_GRAPH_FUNCTION_NODE_IDENTITY	L4L7 Service Graph Function Node Identity	ApicTenantServiceGraphFunctionNodeIdentity
OUTPUT_LB_FUNCTION_PROFILE_IDENTITY	Load Balancer Function Profile Identity	ApicL4L7ServiceGraphFunctionProfileIdentity
OUTPUT_ASAV_MGMT_PORTGROUP	ASAv Management Port Group	gen_text_input
OUTPUT_ASAV_MGMT_IPPOOL	ASAv Management IP Pool	IPPoolPolicy
OUTPUT_ASAV_HA_IPPOOL	ASAv Regular HA IP Pool	IPPoolPolicy
OUTPUT_ASAV_HA_LINK_IPPOOL	ASAv Stateful HA IP Pool	IPPoolPolicy
OUTPUT_ASAV_HA_MODE	ASAv HA Mode Flag	Boolean
OUTPUT_ASAV_HA_TYPE	ASAv HA Stateful Flag(enable/disable)	gen_text_input
OUTPUT_LB_HA_MODE	LB HA Mode Flag	Boolean
OUTPUT_ASAV_DEPLOYMENT_POLICY	ASAv Deployment Policy	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_DEPLOY_ASAV	L4L7 Deploy ASAv Flag	gen_text_input

Output	Description	Type
OUTPUT_L4L7_CONFIGURE_LB	Load balancer service requirement Flag	gen_text_input
OUTPUT_L4L7_TIER1	L4L7 Service Tier 1	gen_text_input
OUTPUT_L4L7_TIER2	L4L7 Service Tier 2	gen_text_input
OUTPUT_L4L7_TIER1_GATEWAY_IP_MASK	L4L7 Tier 1 Gateway IP and Mask	gen_text_input
OUTPUT_L4L7_TIER2_GATEWAY_IP_MASK	L4L7 Tier 2 Gateway IP and Mask	gen_text_input
OUTPUT_L4L7_INFRA_TIER_GATEWAY_IP_MASK	L4L7 Infra Tier Gateway IP and Mask	gen_text_input
OUTPUT_L4L7_TRANSPARENT_MODE	L4-L7 Transparent Mode	gen_text_input
OUTPUT_L4L7_BRIDGE_DOMAIN_IDENTITY	L4-L7 Bridge Domain Identity	ApicDeviceTenantBridgeDomainIdentity
OUTPUT_L4L7_SERVICE_GRAPH_IDENTITY	L4-L7 Service Graph Identity	ApicDeviceTenantServiceGraphIdentity
OUTPUT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	L4-L7 Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
OUTPUT_L4L7_CONTRACT_IDENTITY	L4-L7 Contract Identity	ApicDeviceTenantContractIdentity
OUTPUT_L4L7_SERVICE_CHAINING	L4-L7 Service Chaining	gen_text_input
OUTPUT_L4L7_LOGICAL_DEVICE_CONTEXT_IDENTITY	L4-L7 Logical Device Context Identity	ApicDeviceTenantLogicalDeviceContextIdentity
OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE1	L4-L7 Device Cluster Interface 1 Identity	ApicDeviceTenantDeviceClusterInterfaceIdentity
OUTPUT_L4L7_DEVICE_CLUSTER_INTERFACE2	L4-L7 Device Cluster Interface 2 Identity	ApicDeviceTenantDeviceClusterInterfaceIdentity
OUTPUT_L4L7_CONTRACT_SUBJECT_IDENTITY	L4-L7 Contract Subject Identity	ApicTenantContractSubjectIdentity
OUTPUT_L4L7_VALUE1	L4-L7 Value1	ApicDeviceTenantFilterIdentity
OUTPUT_L4L7_VALUE2	L4-L7 Value2	gen_text_input
OUTPUT_L4L7_VALUE3	L4-L7 Value3	gen_text_input
OUTPUT_L2L3_OPTION	L3/L2 Out Selection	gen_text_input
OUTPUT_LB_MODE	Single Arm/Two Arm Mode for LB	gen_text_input
OUTPUT_L4L7_INFRA_INTERFACE_IDENTITY	L4L7 Device Cluster Infra Interface Identity	ApicDeviceTenantDeviceClusterInterfaceIdentity

Output	Description	Type
OUTPUT_TIER1_NETWORK_IP	Output Tier 1 Network IP	gen_text_input
OUTPUT_IS_TIER1_EXTERNAL	Is Tier1 is External Network	gen_text_input
OUTPUT_INTERFACE_NAME	Concrete Interface	gen_text_input
OUTPUT_APIC_L4L7_SUBNET_GATEWAY_IP	APIC L4L7 Subnet Gateway IP	gen_text_input
OUTPUT_APIC_L4L7_SUBNET_PREFIX	APIC L4L7 Subnet Gateway Prefix	gen_text_input
OUTPUT_APIC_L4L7_SUBNET_POLICY	APIC L4L7 Service IP Subnet Policy	gen_text_input
OUTPUT_APIC_L4L7_SUBNET_ID	APIC L4L7 Subnet ID	gen_text_input
OUTPUT_L4L7_USED_PHYSICAL_LB	L4L7 Physical Load Balancer IPs	gen_text_input
OUTPUT_APIC_ENTITY_SEC_USERNAME	APIC Entity Secondary Username	gen_text_input
OUTPUT_APIC_ENTITY_SEC_PASSWORD	APIC Entity Secondary Password	password
OUTPUT_APIC_ENTITY_SEC_GATEWAY	APIC Entity Secondary Gateway	gen_text_input
OUTPUT_APIC_ENTITY_GATEWAY	APIC Entity Gateway	gen_text_input
TENANT_DEVICE_CLUSTER_SEC_CONCRETE_INTERFACE_STATIC_PATH_IDENTITY	APIC Tenant Second Concrete Interfaces Static Path Identity	ApicDeviceStaticPath Identity
OUTPUT_PRIVATE_NETWORK_NAME	Private Network Name	gen_text_input
OUTPUT_PC_MEMBER_INTERFACES	PC Member Interfaces	gen_text_input
OUTPUT_CHANNEL_GROUP_ID	Channel Group ID	gen_text_input

APIC Container Resource Lookup

Summary

APIC Container Resource Lookup

Description

(Topology Specific Task) This task outputs APIC Container resource information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenant Identity
OUTPUT_CONTAINER_GROUPID	Application Container Group ID	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_APIC_CONTAINER_TIER_LIST	Application Container Tier List	gen_text_input
OUTPUT_APIC_CONTAINER_L4L7DEF_COUNT	Application Container L4L7 Definition Count	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_REQUIRED_SERVICES	Container required L4-L7 Services	gen_text_input
OUTPUT_FLAG_L4L7_REQUIRED	Flag for whether to configure L4-L7 Services	gen_text_input
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input
OUTPUT_PRIVATE_NETWORK_NAMES	Private Network Names	gen_text_input

APIC Reterive Secondary Container

Summary

Output secondary container Id

Description

This task outputs secondary container id from primary container.

Inputs

Input	Description	Mappable To Type	Mandatory
Primary Container	Select Primary container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer
OUTPUT_DR_ENABLED	IF DR Enabled on Application Container	Boolean

Add Disk To BM Wrapper

Summary

Add Disk To BM Wrapper

Description

This task outputs Bare Metal information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
BM Name	APIC BM	BareMetal Name	Y
Disk Size	Disk Size	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_CONTAINER_GROUP	Container Group	userGroup
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity
UCS_SP_NAME_PREFIX	Service Profile Name Prefix	gen_text_input
BM_HOSTNAME	HOST NAME	gen_text_input
IP_POOL_POLICY	IP_POOL_POLICY provided during the onboarding operation was performed	IPPoolPolicy
STORAGE_ACCOUNT_NAME	Storage Account Name selected for Tenant Onboarding	gen_text_input
OUTPUT_STORAGE_ACCOUNT_IDENTITY	Storage Account Identity	EMC_AccountIdentity
OUTPUT_STORAGE_ACCOUNT_TYPE	Storage Account Type	gen_text_input
OUTPUT_STORAGE_POOL_TYPE	Storage Pool Type	emcStoragePoolType Selector
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity	emcBlockStoragePool Identity
OUTPUT_RAID_GROUP_RAID_TYPE	Raid Group Raid Type	gen_text_input
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity
OUTPUT_VNX_ZONE_PORT1	Generic Storage FC Adapter List	GENERIC_FC_ADAPTER_LIST

Output	Description	Type
OUTPUT_VNX_ZONE_PORT2	Generic Storage FC Adapter List	GENERIC_FC_ADAPTER_LIST
OUTPUT_VNX_ZONE_PORT1_WWPN	Generic Storage FC Adapter WWPN	gen_text_input
OUTPUT_VNX_ZONE_PORT2_WWPN	Generic Storage FC Adapter WWPN	gen_text_input
OUTPUT_VNX_HOST_PORT1	EMC VNX SP Port Identity	emcSPPortIdentity
OUTPUT_VNX_HOST_PORT2	EMC VNX SP Port Identity	emcSPPortIdentity
OUTPUT_MDS_IDENTITY1		infraNetCiscoSanDevice Identity

Allocate APIC Container Resources

Summary

Allocate APIC Container Resources

Description

This task allocates resources required for APIC Container virtual machines and bare metals provisioning.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
ASAv Deployment Option	ASAv Deployment Option	gen_text_input	
VPX vCPU Count	VPX vCPU Count	gen_text_input	
VPX Memory	VPX Memory	gen_text_input	
Resource Pool	Select Resource Pool	vmwareResourcePoolIdentity	

Outputs

Output	Description	Type
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenantIdentity
OUTPUT_CONTAINER_GROUPID	Application Container Group ID	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_APIC_CONTAINER_TIER_LIST	Application Container Tier List	gen_text_input
OUTPUT_APIC_CONTAINER_L4L7DEF_COUNT	Application Container L4L7 Definition Count	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_REQUIRED_SERVICES	Container required L4-L7 Services	gen_text_input
OUTPUT_FLAG_L4L7_REQUIRED	Flag for whether to configure L4-L7 Services	gen_text_input
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_PRIVATE_NETWORK_NAME	Private Network Name	gen_text_input

Allocate APIC Container Resources HyperV

Summary

Allocate APIC Container Resources for HyperV

Description

This task allocates HyperV APIC Container resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer
OUTPUT_CONTAINER_VM_PROVISION_REQ_ID	VM Provision Request ID	gen_text_input
OUTPUT_NUM_VMS	Number of Application VMs To be Requested to Deploy in the container	gen_text_input
OUTPUT_VM_NAME_LIST	Application VM NAME To be Requested to Deploy in the container	gen_text_input
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenant Identity
OUTPUT_APIC_CONTAINER_TIER_LIST	Application Container Tier List	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_CLOUD_TYPE	Cloud Type	gen_text_input
OUTPUT_APIC_CONTAINER_L4L7DEF_COUNT	Application Container L4L7 Definition Count	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_REQUIRED_SERVICES	Container required L4-L7 Services	gen_text_input
OUTPUT_FLAG_L4L7_REQUIRED	Flag for whether to configure L4-L7 Services	gen_text_input
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input

Allocate Additional APIC Container VM Resources

Summary

Allocate Additional APIC Container VM Resources

Description

This task allocates resource for new VMs getting added to APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Additional VMs	Additional container VMs	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input

Allocate Additional Container VM Resources

Summary

Allocate additional Container VM resources for existing container

Description

Use this task to allocates resources for container VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Additional VMs	Additional container VMs	gen_text_input	

Outputs

No Outputs

Allocate Container VM Resources

Summary

Allocates Container VMs

Description

Use this task to allocates resources for container VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Virtual Network Type	Select type of Virtual Network Implementation		Y
Primary vSwitch	Specify name of vSwitch on which cotainer network need to be deployed	vSwitchName	Y
Alternate vSwitch	Specify name of alternate vSwitch if primary vSwitch cannot be located on the Host	vSwitchName	
Primary DVSwitch	Specify name of DVSwitch on which cotainer network need to be deployed	dvSwitchName	Y
Alternate DVSwitch	Specify name of alternate DVSwitch if primary DVSwitch cannot be located on the Host	dvSwitchName	

Outputs

No Outputs

Allocate Network Resource

Summary

Allocate network resources to container

Description

This task allocates resources (like IP Subnet, Switch etc.) for a container network.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Tier Name	Tier Name	gen_text_input	Y
Tier Label	Tier Label	gen_text_input	
Isolated	Isolated	Boolean	
Parent Tier	Parent Tier	gen_text_input	

Outputs

No Outputs

Allocate Network To Tiers

Summary

Allocate network to tiers

Description

(Topology Specific Task) This task allocates network to tiers.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_TENANT_ID	APIC Container Tenant ID	ApicDeviceTenantIdentity
OUTPUT_CONTAINER_GROUPID	Application Container Group ID	gen_text_input
OUTPUT_CONTAINER_NAME	Application Container Name	gen_text_input
OUTPUT_APIC_CONTAINER_TIER_LIST	Application Container Tier List	gen_text_input
OUTPUT_APIC_CONTAINER_L4L7DEF_COUNT	Application Container L4L7 Definition Count	gen_text_input
OUTPUT_ENABLE_NETWORK_MANAGEMENT	Enable Network Management	gen_text_input
OUTPUT_L4L7_REQUIRED_SERVICES	Container required L4-L7 Services	gen_text_input
OUTPUT_FLAG_L4L7_REQUIRED	Flag for whether to configure L4-L7 Services	gen_text_input
OUTPUT_FLAG_DR_REQUIRED	Flag for whether to configure Disaster Recovery	gen_text_input
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_PRIVATE_NETWORK_NAME	Private Network Name	gen_text_input

Assign Resource Limits to Container

Summary

Update Container resource limits

Description

This task updates Container resource limits.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Maximum vCPUs	Total number of provisioned VCPUs limit	gen_text_input	
Maximum RAM (GB)	Total Provisioned Memory Limit in GB	gen_text_input	
Maximum Storage (GB)	Total Provisioned Disk Limit in GB	gen_text_input	
Maximum Number of Half Width Physical Servers	Maximum Number of Half Width Physical Servers	gen_text_input	
Maximum Number of Full Width Physical Servers	Maximum Number of Full Width Physical Servers	gen_text_input	

Outputs

No Outputs

Attach LB To APIC Container

Summary

Attach LB To APIC Container

Description

This task moves LB to APIC Container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Virtual Account	Select Virtual Account	gen_text_input	
Load Balancer VM	Select Load balancer VM	gen_text_input	Y
Load Balancer Secondary VM	Select Load balancer VM	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_L4L7_LB_VM_ID	Load Balancer VM ID	vm
OUTPUT_L4L7_SEC_LB_VM_ID	Secondary Load Balancer VM ID	vm
OUTPUT_APIC_CONTAINER_INFRA_PG	APIC Container Infra Tier PG	gen_text_input
OUTPUT_APIC_CONTAINER_LB_HA_MODE	L4L7 LB HA Mode Flag	gen_text_input
OUTPUT_LB_VMWARE_ACCOUNT_NAME_SELECT	Load Balancer VMware Account Selector	vmwareAccount Name
OUTPUT_LB_MULTI_SELECT_VM_IDS	Load Balancer Multi Select VM IDs	multiVM
OUTPUT_CONTAINER_VDC	VDC Corresponding to the Container	vDC

Configure APIC Container L4-L7 Services

Summary

Configure APIC Container L4-L7 Services

Description

This task setup l4-l7 devices (ASAv etc.) to be used during L4-L7 service configuration for APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
ASAv OVF	OVF URL	ovfSelector	Y
VM Name	VM Name	gen_text_input	Y
Management Port Group		vmwareVmPortGroupIdentity	Y
Firewall IP	Firewall IP	gen_text_input	Y
Firewall Subnet Mask	Firewall Subnet Mask	gen_text_input	Y
Firewall Gateway	Firewall Gateway	gen_text_input	Y
Username	Firewall Username	gen_text_input	Y
Password	Specify the password for the firewall	password	Y
Disk Format	Format to store the virtual disk	gen_text_input	
Tier 1	Select Tier 1	gen_text_input	Y
Tier 2	Select Tier 2	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_PROVISIONED_ASAV_NAME	Provisioned ASAv Name	gen_text_input

Container VM Action

Summary

Execute VM actions on the container

Description

This task executes VM actions Power On, Power Off etc on the container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
VM Action	VM Action	gen_text_input	Y

Outputs

No Outputs

Container VMs Action

Summary

Execute actions on the selected container vms

Description

This task executes actions Power On, Power Off etc on the selected container vms.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
VM Action	VM Action	containerVMActions	Y
VMs	Select VMs	ServiceContainerVMs	Y

Outputs

No Outputs

Create APIC Container Contracts

Summary

Create APIC Container Contracts

Description

This task creates required contract components on APIC during APIC container creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
L3 Out EPG	L3 Out EPG	gen_text_input	
L3 Out Bridge Domain	L3 Out BD	gen_text_input	
L3 Out Contract	L3 Out Contract	gen_text_input	
L3 Out Subject	L3 Out Subject	gen_text_input	
External EPG Identity	External EPG Identity	gen_text_input	
External Network	External Network	ApicDeviceExternalNetworkIn OutsideNetworkIdentity	

Outputs

No Outputs

Create Container

Summary

Create Container

Description

This task creates empty container object.

Inputs

Input	Description	Mappable To Type	Mandatory
Container Name	Container name	gen_text_input	Y
Container Label	Container label	gen_text_input	
Application Container Template	Application Container Template	applicationTemplate	Y
Tenant	Tenant	UCSDTenantIdentity	Y
Group	User Group	userGroup	

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer

De Allocate APIC Container Resources HyperV

Summary

Deallocate HyperV APIC Container Resources

Description

This task deallocates HyperV APIC Container resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

De Provision APIC Container - Network

Summary

De Provision APIC Container - Network

Description

This task de provisions the network components like EPGs, bridge domain etc. associated to APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

De Provision APIC Container - VM

Summary

De Provision APIC Container - VMs

Description

This task de provisions VMs which are part of an APIC Container during container deletion.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

De Provision Container - Network

Summary

De provisions networks when container is deleted

Description

This task de provisions networks when container is deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

De Provision Container - VM

Summary

De provisions VMs when container is deleted

Description

This task de provisions VMs when container is deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

DeAllocate APIC Container Resources

Summary

DeAllocate APIC Container Resources

Description

This task deallocates APIC Container resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

DeAllocate Network Resource

Summary

Remove network resource from container

Description

This task will remove allocated resource for a container network.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Tier Name	Tier Name	gen_text_input	Y
Tier Label	Tier Label	gen_text_input	

Outputs

No Outputs

Deallocate Additional APIC Container VM Resources

Summary

Deallocate Additional APIC Container VM Resources

Description

This task deallocates resource for new VMs getting added to APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Delete APIC Container Contracts

Summary

Delete APIC Container Contracts

Description

This task deletes the contract components on APIC associated to an APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Delete APIC Container L4-L7 Service Setup Info

Summary

Delete APIC Container L4-L7 Service Setup Information

Description

This task deletes APIC Container L4-L7 service setup information.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Delete APIC Container L4-L7 Setup Info

Summary

Delete APIC Container L4-L7 Setup Information

Description

This task deletes APIC Container L4-L7 setup information.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Delete APIC Container Network Resource

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Tier Name	Tier Name	gen_text_input	Y

Outputs

No Outputs

Delete APIC Container Private Network LB Info

Summary

Delete APIC Container Private Network LB Information

Description

(Topology Specific Task) This task deletes APIC Container private network LB information.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Delete Application Container

Summary

Delete Application Container

Description

This task deletes application container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Delete Container

Summary

Delete Container

Description

This task deletes the container, container data and the VDC associated with the container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Delete Disk From BM Wrapper

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
BM LUN Identity	BM LUN Identity	baremetalDeleteDiskIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMCLUNIDENTITY		emcLUNIdentity
OUTPUT_STORAGE_GROUP_IDENTITY	Storage Group Identity	emcStorageGroupIdentity

Deploy ASAv VM from OVF

Summary

Deploy ASAv VM from OVF

Description

This task deploys ASAv VM from OVF for a container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
ASAv VM Deployment Policy	Select ASAv VM Deployment Policy	gen_text_input	
Deployment Option	Select Deployment Option	gen_text_input	
Management Port Group		gen_text_input	Y
Management IP Pool	Select the IPPool to resolve IP Address	IPPoolPolicy	Y
HA Enabled	Stand Alone or HA Enabled SRM	gen_text_input	
HA IP Pool	Select the IPPool to resolve IP Address	IPPoolPolicy	Y

Outputs

Output	Description	Type
OUTPUT_PROVISIONED_ASAV_NAME	Provisioned ASAv Name	gen_text_input
OUTPUT_PROVISIONED_SECONDARY_ASAV_NAME	Provisioned Secondary ASAv Name	gen_text_input
OUTPUT_PROVISIONED_ASAV_IPADDRESS	Provisioned ASAv IP ADDRESS	gen_text_input
OUTPUT_PROVISIONED_ASAV_SUBNET	Provisioned ASAv Subnet	gen_text_input
OUTPUT_PROVISIONED_ASAV_GATEWAY_IPADDRESS	Provisioned ASAv Gateway IP ADDRESS	gen_text_input
OUTPUT_PROVISIONED_ASAV_PORT	Provisioned ASAv Port	gen_text_input
OUTPUT_PROVISIONED_ASAV_USERNAME	Provisioned ASAv User Name	gen_text_input
OUTPUT_PROVISIONED_ASAV_PASSWORD	Provisioned ASAv User Password	password
OUTPUT_PROVISIONED_VCENTER_NAME	vcenter Name	gen_text_input

Output	Description	Type
OUTPUT_PROVISIONED_MANAGEMENT_STANDBY_IPADDRESS	Provisioned ASAv Management StandBy IP ADDRESS	gen_text_input
OUTPUT_PROVISIONED_HA_IPADDRESS	Provisioned ASAv HA IP ADDRESS	gen_text_input
OUTPUT_PROVISIONED_HA_STANDBY_IPADDRESS	Provisioned ASAv HA StandBy IP ADDRESS	gen_text_input

Detach LB from APIC Container

Summary

Detach LB from APIC Container

Description

This task removes LB from APIC Container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Virtual Account	Select Virtual Account	vmwareAccountName	
Load Balancer VM	Select Load balancer VM	gen_text_input	Y
Load Balancer Resource Pool	Select target resource pool	vmwareResourcePool Identity	Y
Is Physical Load Balancer	Is Physical Load Balancer	Boolean	

Outputs

No Outputs

Get APIC Container L4-L7 Info

Summary

Get APIC Container L4-L7 Information

Description

This task outputs APIC Container L4-L7 information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Value1	Value1	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_APIC_L4L7_VALUE1	APIC Container L4 L7 Value1	gen_text_input
OUTPUT_APIC_L4L7_VALUE2	APIC Container L4 L7 Value2	gen_text_input
OUTPUT_APIC_L4L7_VALUE3	APIC Container L4 L7 Value3	gen_text_input
OUTPUT_APIC_L4L7_VALUE4	APIC Container L4 L7 Value4	gen_text_input
OUTPUT_APIC_L4L7_VALUE5	APIC Container L4 L7 Value5	gen_text_input
OUTPUT_APIC_L4L7_VALUE6	APIC Container L4 L7 Value6	gen_text_input
OUTPUT_APIC_L4L7_VALUE7	APIC Container L4 L7 Value7	gen_text_input
OUTPUT_APIC_L4L7_VALUE8	APIC Container L4 L7 Value8	gen_text_input
OUTPUT_APIC_L4L7_VALUE9	APIC Container L4 L7 Value9	gen_text_input
OUTPUT_APIC_L4L7_VALUE10	APIC Container L4 L7 Value10	gen_text_input
OUTPUT_APIC_L4L7_VALUE11	APIC Container L4 L7 Value11	gen_text_input
OUTPUT_APIC_L4L7_VALUE12	APIC Container L4 L7 Value12	gen_text_input

Get APIC Container Tier Data

Summary

Output Container tier information

Description

This task outputs Container tier information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Tier Name	Select Tier Name	gen_text_input	Y
Container Private Network	Select Container Private Network	ApicDeviceTenantPrivateNetworkIdentity	
Container Application Profile Identity	Container Application Profile Identity	ApicDeviceTenantApplnProfileIdentity	

Outputs

Output	Description	Type
PRIVATE_NETWORK_IDENTITY	Private Network Identity	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_TENANT_APP_PROFILE_NAME	Application Profile Name	gen_text_input
OUTPUT_PRIVATE_NETWORK_TYPE	Private Network Type	gen_text_input
OUTPUT_PRIVATE_NETWORK_NAME	Private Network Name	gen_text_input
OUTPUT_CREATE_SUBNET	Create Subnet	gen_text_input
OUTPUT_SUBNET_TYPE_SHARED	Subnet Type Shared	Boolean
OUTPUT_SUBNET_TYPE_PUBLIC	Subnet Type Public	Boolean
OUTPUT_SUBNET_TYPE_PRIVATE	Subnet Type Private	Boolean
OUTPUT_CREATE_EPG	Create EPG	gen_text_input
OUTPUT_EPG_NAME	EPG Name	gen_text_input
OUTPUT_EPG_QOS	EPG QOS	gen_text_input
OUTPUT_DEPLOY_IMMEDIACY	Deploy Immediacy	gen_text_input
OUTPUT_RESOLUTION_IMMEDIACY	Resolution Immediacy	gen_text_input
TENANT_BRIDGE_DOMAIN	Bridge Domain Name	gen_text_input
OUTPUT_BD_FORWARDING_TYPE	Bridge Domain Forwarding Type	gen_text_input

Output	Description	Type
OUTPUT_BD_L2_UNKNOWN_UNICAST	Bridge Domain L2 Unknown Unicast	gen_text_input
OUTPUT_BD_UNKNOWN_MULTICAST	Bridge Domain Unknown Multicast	gen_text_input
OUTPUT_ARP_FLOODING	ARP Flooding	Boolean
OUTPUT_UNICAST_ROUTING	Unicast Routing	Boolean
VMM_DOMAIN_PROFILE_IDENTITY	VMM Domain Profile Identity	ApicDomainProfileIdentity
TIER_NAME	Tier Name	gen_text_input
OUTPUT_APIC_SUBNET_GATEWAY_IP	APIC Subnet Gateway IP	gen_text_input
OUTPUT_APIC_SUBNET_PREFIX	APIC Subnet Gateway Prefix	gen_text_input
OUTPUT_APIC_SUBNET_START_IP	APIC Subnet Start IP	gen_text_input
OUTPUT_APIC_SUBNET_END_IP	APIC Subnet End IP	gen_text_input
OUTPUT_IP_SUBNET_CIDR_SIGNATURE	APIC Subnet With CIDR Signature	gen_text_input
TENANT_APPLN_PROFILE_IDENTITY	APIC Tenant Application Profile Identity	ApicDeviceTenantApplnProfileIdentity
TENANT_IDENTITY	APIC Tenant Identity	ApicDeviceTenantIdentity

HyperV Container VMDeployment Request Reader

Summary

Output HyperV Container VMDeployment Request information

Description

This task outputs HyperV Container VM Deployment Request information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
VM Name	VM Name	gen_text_input	
SR Id	Request Id	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer
OUTPUT_CONTAINER_VM_PROVISION_REQ_ID	VM Provision Request ID	gen_text_input
OUTPUT_CONTAINER_HYPERV_ACCOUNT_NAME	Hyper V Cloud Account Name	gen_text_input
OUTPUT_CONTAINER_HYPERV_VM_NAME	VM Name	gen_text_input
OUTPUT_CONTAINER_HYPERV_IMAGE_NAME	Image Name	hyperv_image_lov
OUTPUT_CONTAINER_HYPERV_WINDOWS_VERSION	Windows Version	windowsLicensePool
OUTPUT_CONTAINER_HYPERV_GROUP_ID	User Group	userGroup
OUTPUT_CONTAINER_HYPERV_DEPLOYMENT_POLICY_ID	Deployment Policy	hypervDeploymentPolicyIdentity
OUTPUT_CONTAINER_HYPERV_VM_NETWORK	VM Network	gen_text_input
OUTPUT_CONTAINER_HYPERV_HOST	Host	hypervHost
OUTPUT_CONTAINER_HYPERV_DATASTORE	Datastore	hypervDatastoreIdentity
OUTPUT_CONTAINER_HYPERV_VCPU_COUNT	Number of vCPUs	vCPUCount
OUTPUT_CONTAINER_HYPERV_MEMORY	Memory (MB)	memSizeMB
OUTPUT_CONTAINER_HYPERV_DISK_SIZE_GB	Disk (GB)	diskSizeGB

Output	Description	Type
OUTPUT_CONTAINER_HYPERV_ENABLE_GUEST_CUSTOMIZATION	Enable Guest Customization	EnableGuest Customization
OUTPUT_CONTAINER_HYPERV_CREDENTIAL_OPTIONS	Credential Options	credentialOptions
OUTPUT_CONTAINER_HYPERV_CREDENTIAL_USER_NAME	User ID	gen_text_input
OUTPUT_CONTAINER_HYPERV_CREDENTIAL_PASSWORD	Password	password
VDC_ID	vDC ID	vDC

Initiate APIC Container BM Provisioning

Summary

Initiate APIC Container BM Provisioning

Description

This task initiates BM provisioning service request for provisioning bare metal as part of APIC container creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Additional BMs	Additional container BMs	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_INITIATED_BM_SR_LIST	Initiated BM Provisioning SRs	gen_text_input

Modify Cost Model of Container

Summary

Update Container Cost Model

Description

This task updates Container Cost Model.

Inputs

Input	Description	Mappable To Type	Mandatory
Container Name	Select container instance	ServiceContainer	Y
Cost Model	Select cost model		

Outputs

No Outputs

Persist APIC Container L4-L7 Info

Summary

Persist APIC Container L4-L7 Information

Description

This task persists APIC Container L4-L7 information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Value1	Value1	gen_text_input	Y
Value2	Value2	gen_text_input	
Value3	Value3	gen_text_input	
Value4	Value4	gen_text_input	
Value5	Value5	gen_text_input	
Value6	Value6	gen_text_input	
Value7	Value7	gen_text_input	
Value8	Value8	gen_text_input	
Value9	Value9	gen_text_input	
Value10	Value10	gen_text_input	
Value11	Value11	gen_text_input	
Value12	Value12	gen_text_input	

Outputs

No Outputs

Persist APIC Container L4-L7 Service Info

Summary

Persist APIC Container L4-L7 Service Information

Description

This task persists APIC Container L4-L7 Service information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Service Name	Service Name	gen_text_input	
Service Parameter Target	Service Parameter Target	gen_text_input	Y
Service Type	Service Type	gen_text_input	Y
Device Type	Device Type	gen_text_input	Y
Primary IP	Primary IP	ipaddress	
Device Cluster Identity	Device Cluster Identity	ApicDeviceTenantDeviceClusterIdentity	
Service Graph Node Identity	Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity	
Contract	Contract	ApicDeviceTenantContractIdentity	Y
Tier 1	Tier 1	gen_text_input	Y
Tier 2	Tier 2	gen_text_input	Y
Status	Service Configuration Status		Y
EPG Identity	EPG Identity	ApicDeviceTenantEPGIdentity	
Logical Device Context Identity	Logical Device Context Identity	ApicDeviceTenantLogicalDeviceContextIdentity	
Device Cluster Interface 1	Device Cluster Interface 1	ApicDeviceTenantDeviceClusterInterfaceIdentity	
Device Cluster Interface 2	Device Cluster Interface 2	ApicDeviceTenantDeviceClusterInterfaceIdentity	
Contract Subject	Contract Subject	ApicTenantContractSubjectIdentity	
Value1	Value1	ApicDeviceTenantFilterIdentity	
Value2	Value2	gen_text_input	
Value3	Value3	gen_text_input	
LB VIP	LB VIP	gen_text_input	
LB SNIP	LB SNIP	gen_text_input	
Protocol	Protocol	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Port	Port	gen_text_input	
SSL Enabled	SSL Enabled	gen_text_input	
SSL Port	SSL Port	gen_text_input	
SSL Service Graph Node Identity	SSL Service Graph Node Identity	ApicTenantL4L7ServiceGraph NodeIdentity	
SSL Contract	SSL Contract	ApicDeviceTenantContractIdentity	

Outputs

No Outputs

Persist APIC Container Private Network LB Info

Summary

Persist APIC Container Private Network LB Information

Description

(Topology Specific Task) This task persists APIC Container private network LB information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Service Name	Provide Service Name	gen_text_input	
Service Policy	Service Policy	gen_text_input	

Outputs

No Outputs

Persist Disk Details

Summary

Persists a disk's details.

Description

Use this task to persist information about a disk.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
LUN Identity	Select LUN name to associate with datastore.	emcLUNIdentity	Y
Parent SR ID		gen_text_input	
BM Name	APIC BM	BareMetal Name	Y

Outputs

No Outputs

Persist HyperV Container VMDeployment Result

Summary

Persist HyperV Container VMDeployment Result

Description

This task persists HyperV Container VM Deployment Result.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Request Id	Enter Request ID	gen_text_input	
Cloud Name	Select name of the HyperV Cloud in this system	gen_text_input	
VM ID	VM to retrieve the properties	gen_text_input	
VM Name	Enter VM Name	gen_text_input	
VM Type	Enter VM Type	gen_text_input	
Management IP Address	IP Address to be assigned to the vm	gen_text_input	
Select Credential Options	Select Credential Options	credentialOptions	
Deployment Status	Enter Deployment Status	gen_text_input	

Outputs

No Outputs

Provision APIC Container Network

Summary

Provision APIC Container Network

Description

This task provisions required network components like EPGs, bridge domain etc. for APIC container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_APIC_PRIVATE_NETWORK	Application Container APIC Private Network	ApicDeviceTenantPrivateNetworkIdentity
OUTPUT_CONTAINER_APIC_APP_PROFILE	Application Container APIC Application Profile	ApicDeviceTenantApplnProfileIdentity

Provision APIC Container VMs

Summary

Provision APIC Container VMs

Description

This task provisions required VMs for APIC Container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_NUM_VMS	Number of Application VMs deployed in the container	gen_text_input
OUTPUT_APP_VM_ID_LIST	Comma separated list of VMIDs of Application VMs deployed in the container	gen_text_input

Provision Container - Network

Summary

Provisions a required network for a container.

Description

Use this task to provision a network for a container. The container requires a network.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Provision Container - VM

Summary

Provisions VMs for the container.

Description

Use this task to provision VMs for the container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_GATEWAY_VMID	ID of the VM on which container gateway was deployed	vm
OUTPUT_GATEWAY_VM_NAME	Name of the VM on which Gateway VM for this container was deployed	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the account on which the container VMs were deployed	gen_text_input
OUTPUT_NUM_VMS	Number of Application VMs deployed in the container	gen_text_input
OUTPUT_APP_VM_ID_LIST	Comma separated list of VMIDs of Application VMs deployed in the container	gen_text_input

Re-Sync Container VMs

Summary

Syncs up UCSD for container VMs

Description

This task synchronizes UCSD for container VMs when provisioned or updated.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Release APIC Container Network Connection

Summary

Release APIC Container Network Connection

Description

This task releases the corresponding VLANs on UCSM and host service profiles during APIC container deletion.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Remove Container ASA Gateway

Summary

Removes the physical ASA based gateway for the container.

Description

This task removes the physical ASA based gateway for the container based on the selected Gateway policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Remove Container Reserved Firewall

Summary

Remove Container Reserved Firewall

Description

This task removes Firewall from container.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

No Outputs

Rename APIC Container VMs

Summary

Rename APIC Container VMs

Description

This task renames APIC Container VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

SCP File to VPX

Summary

Copy file from local machine to VPX

Description

This task copies file from local machine to remote machine.

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Host IP	gen_text_input	
Port	Port	gen_text_input	
User	User name	gen_text_input	
Password	Password	password	
LocalFileDir	Local file directory	gen_text_input	
RemoteFileDir	Remote file directory	gen_text_input	
LocalFileName	Local file name	gen_text_input	
RemoteFileName	Remote file name	gen_text_input	

Outputs

No Outputs

Send Container Email

Summary

Sends emails to specified recipients

Description

This task sends emails to specified recipients when a container is provisioned.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Email Recipients	Select recipients of this email		Y
Additional Recipients	Command Separated Email Addresses	email_address_list	
Put Additional Recipients In	Specify whether additional recipients should be kept in To, Cc or Bcc		
Report Type	Select the type of report that should be included in the email body		Y
Email Subject	Email Subject to use while sending the email	gen_text_input	
Optional Message in the Email	Optional Message to include in the body of the email	gen_text_input	

Outputs

No Outputs

Service Container Firewall Actions Wrapper

Summary

Output Firewall Service information

Description

This task outputs Firewall Service related APIC entities information.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Parameter Target	Service Parameter Target	gen_text_input	Y
Container	Select container instance	ServiceContainer	Y
Firewall	Select Firewall instance	Container L4 L7 Service	Y
ACL Entry Name	ACL Entry Name	gen_text_input	Y
Protocol	Protocol	gen_text_input	Y
Source Port Range	Source Port Range	gen_text_input	
Destination Port Range	Destination Port Range	gen_text_input	
Source Any	Source Any	gen_text_input	
Source Address	Source Address	gen_text_input	
Destination Any	Destination Any	gen_text_input	
Destination Address	Destination Address	gen_text_input	
Action	Action	gen_text_input	
Order	Order	gen_text_input	
Interface Name	Interface Name	gen_text_input	Y
ACL Direction	ACL Direction	gen_text_input	Y

Outputs

Output	Description	Type
APIC_DEVICE_L4L7_SERVICE_GRAPH_NODE_IDENTITY	Apic Device L4l7 Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
FIREWALL_RULE_ACL_LIST_NAME	Acl List Name	gen_text_input
FIREWALL_RULE_ACL_ENTRY_NAME	Acl Entry Name	gen_text_input
FIREWALL_RULE_PROTOCOL	Protocol	gen_text_input
FIREWALL_RULE_SOURCE_PORT_RANGE	Source Port Range	gen_text_input
FIREWALL_RULE_DESTINATION_PORT_RANGE	Destination Port Range	gen_text_input

Output	Description	Type
FIREWALL_RULE_SOURCE_ANY	Source Any	gen_text_input
FIREWALL_RULE_SOURCE_ADDRESS	Source Address	gen_text_input
FIREWALL_RULE_DESTINATION_ANY	Destination Any	gen_text_input
FIREWALL_RULE_DESTINATION_ADDRESS	Destination Address	gen_text_input
FIREWALL_RULE_ACTION	Action	gen_text_input
FIREWALL_RULE_ORDER	Order	gen_text_input
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
OUTPUT_CONTRACT_NAME	Contract Name	ApicDeviceTenantContractIdentity
OUTPUT_APIC_TENANT_L4L7_NODE_ACCESS_CONTROL_ENTRY_IDENTITY	APIC TENANT L4L7 NODE ACCESS CONTROL ENTRY IDENTITY	ApicTenantL4L7NodeAccessEntryControlIdentity
OUTPUT_APIC_TENANT_L4L7_EPG_ACE_IDENTITY	APIC TENANT L4L7 EPG ACE IDENTITY	ApicTenantL4L7EPGAceIdentity
OUTPUT_APIC_TENANT_L4L7_EPG_INTERFACE_IDENTITY	Apic Tenant L4L7 EPG Interface Identity	ApicTenantL4L7EPGInterfaceIdentity
INBOUND_ACL	InBound ACL	gen_text_input
OUTBOUND_ACL	OutBound ACL	gen_text_input

Setup APIC Container Network Connection

Summary

Setup APIC Container Network Connection

Description

This task set up required connectivity on UCSM for VMs by configuring VLANs on UCSM and host service profiles, during APIC container creation.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
VLAN_GROUP_IDENTITY	VLAN Group Identity	ucsVlanGroupIdentity
OUTPUT_MULTI_VLAN_IDENTITY	MULTI VLAN IDENTITY	ucsMultiVlanIdentity

Setup Container ASA Gateway

Summary

Configures the physical ASA based gateway for the container

Description

This task configures the physical ASA based gateway for the container based on the selected Gateway policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Setup Container F5 Load Balancer

Summary

Configures the F5 Load Balancing for the container

Description

This task configures the Load Balancing for the container based on the selected Load Balancer policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs

Setup Container Gateway

Summary

Configures the Linux gateway for the container

Description

This task configures the Linux gateway for the container based on the selected Gateway policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Gateway SSH Port	Specify the SSH port. Default is 22		Y
Pre Setup Command	SSH command with arguments to execute before setting up the gateway		
Post Setup Command	SSH command with arguments to execute after setting up the gateway		

Outputs

No Outputs

Update Container Limits

Summary

Update Container resource limits

Description

This task updates container resource limits.

Inputs

Input	Description	Mappable To Type	Mandatory
Configure Resource Limit	Configure Resource Limit	Boolean	
Container	Select container instance	ServiceContainer	Y

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer
OUTPUT_CONTAINER_CPU_LIMIT	CPU resource reservation(MHz)	gen_text_input
OUTPUT_CONTAINER_MEMORY_LIMIT	Memory resource reservation(MB)	gen_text_input

Update Container Parameters

Summary

Update Container Parameters

Description

This task updates container parameters like network throughput etc.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Enable Disaster Recovery	Enable Disaster Recovery	Boolean	
Enable Network Management	Enable Network Management	Boolean	
Network Throughput	Enable Network Throughput	gen_text_input	Y
No of Hosts per Tier	No of Hosts per Tier	gen_text_input	
Container Tier Label	Container Tier Label	gen_text_input	
Container Role	Container Role	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_CONTAINER_ID	Application Container ID	ServiceContainer

Update Servers To LB Farm Wrapper

Summary

Output Load Balancer Service information

Description

This task outputs Load Balancer Service related APIC entities information.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y
Load Balancer	Select Load Balancer instance	Container L4 L7 Service	Y
VMs	Select VMs	ServiceContainerServers	Y

Outputs

Output	Description	Type
TENANT_EPG_IDENTITY	APIC Tenant EPG Identity	ApicDeviceTenantEPGIdentity
TENANT_L4L7_SERVICE_GRAPH_NODE_IDENTITY	APIC Tenant Service Graph Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
SERVER_IP_ADDRESSES	Container L4 L7 Service	Container L4 L7 Service
TENANT_LOAD_BALANCER_SERVER_IP_IDENTITY	APIC Tenant Load Balancer Server IP Identity	ApicDeviceTenantLoadBalancerServerIdentity
VIP_ADDRESS	VIP Address	ApicDeviceTenantEPGL4L7IPv46ParamIdentity
VIP_PROTOCOL	VIP Protocol	gen_text_input
VIP_PORT	VIP Port	gen_text_input
OUTPUT_SSL_LB_ENABLED	SSL Enabled	gen_text_input
OUTPUT_SSL_SG_NODE_IDENTITY	SSL SG Node Identity	ApicTenantL4L7ServiceGraphNodeIdentity
SSL_VIP_ADDRESS	SSL VIP Address	ApicDeviceTenantEPGL4L7IPv46ParamIdentity

Verify Container Resource Limits

Summary

Verify Container Resource Limits

Description

Use this task to check for group limits for all the resources provisioned by a container.

Inputs

Input	Description	Mappable To Type	Mandatory
Container	Select container instance	ServiceContainer	Y

Outputs

No Outputs



Storage NFS Tasks

This chapter contains the following sections:

- [Mount NFS Share, on page 3206](#)
- [Unmount NFS Share, on page 3208](#)

Mount NFS Share

Summary

Mount an NFS export on a Linux machine.

Description

This task mounts an NFS share on a Linux machine. You provide comma-separated host IP addresses or FQDNs specifying where to mount the share on the hosts. All the hosts should share the same user name, password, and mount binary location (for example, /usr/bin/mount if not set in the path on the host machine). Scenario for Mounting the NFS Share:

1. This task creates a new mount directory on the path given by user, mounts the share on the directory, and updates the entry in the /etc/fstab file.
2. If the mount directory already exists, the task throws a warning, mounts the share on the directory, and updates the entry in the /etc/fstab file. The rollback is registered only for the /etc/fstab update and will not delete the directory.
3. If the mount directory already exists and had an entry in in the /etc/fstab file for the same share name, then the task mounts the share and and throws a warning. The rollback is registered only for unmount and will not delete the directory.
4. If the /etc/fstab file is already updated and the mount directory does not exist, the task creates the directory and mounts it. Rollback is registered only for unmounting and deleting the directory.
5. If the mount directory already exists and has an entry in the /etc/fstab file for the share name and a mount present on the Linux machine, the task throws a warning and registers for rollback.

Failure: This task fails if any of the mounts fail on any host. All the hosts that are successful are be registered for rollback. The mount fails if:

- The mount directory already exists and is mounted on some other NFS Share.
- There is an entry in the /etc/fstab for the same mount directory for some other NFS Share.
- The task cannot create the directory, update the entry in /etc/fstab, or mount the NFS share directory.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address(s)	Comma Separated IP address(s)/FQDN of the hosts where NFS share need to be mounted. For Example 10.2.2.2,10.3.3.3,bigbox.mynetwork.com	gen_text_input	Y
Username	Username	gen_text_input	Y
Password	Password	password	Y
NFS Export Path	NFS Export Path	gen_text_input	Y
Mount Directory	Mount Directory on which NFS Shares to be mounted. The path should start with slash (/) and parent directory for creating mount directory should exist	gen_text_input	Y
FileSystem Type	Select NFS FileSystem Type of the Mount Directory	NFSFileSystemType	Y

Input	Description	Mappable To Type	Mandatory
Optional Parameters	Optional parameters to be passed while mounting NFS Share. Please make sure the mount options are valid.	gen_text_input	
Mount Utility Path	Mention the complete path of mount binary, ignore if it is already set in the PATH environment variable	gen_text_input	

Outputs

No Outputs

Unmount NFS Share

Summary

Unmount an NFS share directory on a Linux machine.

Description

This task unmounts an NFS share on a Linux machine. You provide comma-separated Host IP Addresses or FQDNs specifying the shares to be unmounted from the hosts. All the hosts should share same user name, password, and umount binary location (for example, /usr/bin/umount if not set in the path on the host machine). Failure: This task fails if any of the unmounts fail on any host. The task throws an error for the failed host and moves to the next host.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Address(s)	Comma Separated IP address(s)/FQDN of the hosts where NFS share need to be unmounted. For Example 10.2.2.2,10.3.3.3,bigbox.mynetwork.com	gen_text_input	Y
Username	Username	gen_text_input	Y
Password	Password	password	Y
Unmount Utility Path	Mention the complete path of umount binary, ignore if it is already set in path	gen_text_input	
NFS Export Path	NFS Export Path	gen_text_input	Y
Unmount Location	Unmount Location	gen_text_input	Y

Outputs

No Outputs



Sys Log Tasks

This chapter contains the following sections:

- [Enable Sys Log, on page 3210](#)

Enable Sys Log

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
Enable Syslog Forward	Enable the checkbox for Syslog configuration	Boolean	
Minimum Severity	Select minimum severity		
PrimaryServer Host	Enter Group Name		Y
Primary Server Protocol	Select Protocol		
Primary Server Port	Enter Port		Y
Primary Server Format	Select Format		
Secondary Server Host	Enter Secondary Server Host		
Secondary Server Protocol	Select Protocol		
Secondary Server Port	Enter Port		
Secondary Server Format	Select Format		

Outputs

No Outputs



System Activity Tasks

This chapter contains the following sections:

- [APIC Container BM - VNX SAN Boot, on page 3212](#)
- [APIC Container BM - iSCSI, on page 3213](#)
- [APIC Container Setup Activity, on page 3214](#)
- [APIC L4L7 Config Activity, on page 3215](#)
- [APIC Unmanaged L4L7 Activity, on page 3216](#)
- [Firewall Rule Delete Activity, on page 3217](#)
- [LB Add Server Action Activity, on page 3218](#)
- [LB Remove Server Action Activity, on page 3219](#)

APIC Container BM - VNX SAN Boot

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
BM_EPG_Identity		ApicDeviceTenantEPGIdentity	
BM_NAME		gen_text_input	
Additional BMs	This input is given by VNX BM Activity	gen_text_input	

Outputs

No Outputs

APIC Container BM - iSCSI

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
BM Name		gen_text_input	

Outputs

No Outputs

APIC Container Setup Activity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Container Name		gen_text_input	
Container Label		gen_text_input	
No of Hosts per Tier		gen_text_input	
User Group		userGroup	
Enable Disaster Recovery		Boolean	
Configure Resource Limit		Boolean	
Number of vCPUs		gen_text_input	
Memory	Memory in GB	gen_text_input	
Maximum Storage Limit	Storage in GB	gen_text_input	
Maximum Number of Half width Physical Servers		gen_text_input	
Maximum Number of Full width Physical Servers		gen_text_input	
Enable Network Management		Boolean	
Network Throughput		gen_text_input	
Container Tiers		gen_text_input	

Outputs

No Outputs

APIC L4L7 Config Activity

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
Service_Container		ServiceContainer	
Services		gen_text_input	
Tier_1		gen_text_input	
Tier_2		gen_text_input	
Network_Probes		gen_text_input	
Protocol		gen_text_input	
Service_Name		gen_text_input	
Service_Type		gen_text_input	

Outputs

No Outputs

APIC Unmanaged L4L7 Activity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Network_Adapter		gen_text_input	
Service_Container		ServiceContainer	
L4L7_Services		gen_text_input	

Outputs

No Outputs

Firewall Rule Delete Activity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
FIREWALL_ID	FIREWALL_ID	Container L4 L7 Service	
ACL_ENTRY_NAME	ACL_ENTRY_NAME	gen_text_input	

Outputs

No Outputs

LB Add Server Action Activity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
CONTAINER_SERVERS	Container Servers	ServiceContainerServers	
LOAD_BALANCER_ID	Load Balancer Id	Container L4 L7 Service	
VIP_Port	VIP Port	gen_text_input	

Outputs

No Outputs

LB Remove Server Action Activity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
CONTAINER_SERVERS	Container Servers	ServiceContainerServers	
LOAD_BALANCER_ID	Load Balancer Id	Container L4 L7 Service	

Outputs

No Outputs



System Setting Tasks

This chapter contains the following sections:

- [Add System Tasks Policy, on page 3222](#)
- [Modify System Tasks Policy, on page 3223](#)
- [System Manage Task, on page 3224](#)
- [System Task Run Now, on page 3225](#)
- [System View Details Task, on page 3226](#)
- [TEST EMAIL, on page 3227](#)
- [TEST_FTP, on page 3228](#)
- [TEST_FTP, on page 3229](#)

Add System Tasks Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Name of task policy		Y
Description			
Node Pool			Y

Outputs

Output	Description	Type
OUTPUT_SYSTEM_TASK_POLICY_NAME	SR ID on which the selected operation was performed	gen_text_input

Modify System Tasks Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Name of task policy		Y
Description			
Node Pool			Y

Outputs

Output	Description	Type
OUTPUT_SYSTEM_TASK_POLICY_NAME	SR ID on which the selected operation was performed	gen_text_input

System Manage Task

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Task Name	Select System Tasks Name	gen_text_input	Y
Task Execution			
Schedule Type	Select Schedule Type		
Hours	select hours frequency		
Enable Custom Frequency	Enable Custom Frequency		

Outputs

No Outputs

System Task Run Now

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Task Name	Select System Tasks Name	gen_text_input	Y

Outputs

No Outputs

System View Details Task

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Task Name	Select System Tasks Name	gen_text_input	Y

Outputs

No Outputs

TEST EMAIL

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
sendTestEmail	Enable the checkbox for Test Email	Boolean	
Test Email Address	Email Address		Y

Outputs

No Outputs

TEST_FTP

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
test FTP Connection	Enable the checkbox to test FTP connection	Boolean	

Outputs

Output	Description	Type
OUTPUT_FTP_CONNECTION_STATUS	Metering Export Settings - FTP Connection status	gen_text_input

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
testFTP	Enable the checkbox for test ftp	Boolean	Y

Outputs

No Outputs

TEST_FTP

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
test FTP Connection	Enable the checkbox to test FTP connection	Boolean	

Outputs

Output	Description	Type
OUTPUT_FTP_CONNECTION_STATUS	Metering Export Settings - FTP Connection status	gen_text_input

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
testFTP	Enable the checkbox for test ftp	Boolean	Y

Outputs

No Outputs



Tier3 VM Tasks

This chapter contains the following sections:

- [Tier3 VM Power Action, on page 3232](#)
- [Tier3 VM Provision, on page 3233](#)

Tier3 VM Power Action

Summary

To perform action on the Tier3 instance.

Description

This task is used to perform the power actions on the Tier3 instance like Power On, Off, Pause, Resume, Reboot, Archive, Restore, Shutdown, Terminate.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Instance	Select the VM on which to perform the action	vm	Y
VM Action	VM Action	gen_text_input	Y

Outputs

No Outputs

Tier3 VM Provision

Summary

Provisions a Tier3 VM

Description

This task provisions a new VM in selected Tier3 cloud using parameters defined in the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Tier3 Cloud	Select name of the Tier3 Cloud in this system		Y
Select Catalog	Select Catalog on which to perform the action	catalog	Y
Select vDC	Select vDC on which to perform the action	vDC	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM	vm



UCS CPA

This chapter contains the following sections:

- [Archive PXE Boot Request, on page 3236](#)
- [Wait For Complete Association, on page 3237](#)

Archive PXE Boot Request

Summary

Archives PXE Boot required alone for releasing IP lock

Description

Inputs

Input	Description	Mappable To Type	Mandatory
PXE Boot Id		gen_text_input	Y

Outputs

No Outputs

Wait For Complete Association

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Server Identity		ucsServerIdentity	Y

Outputs

Output	Description	Type
UCS_SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
SERVICE_PROFILE_FSM_STATUS	FSM Status of lsPower for Service Profile	gen_text_input
SERVICE_PROFILE_SERVER_ASSOCIATION_STATUS	Association Status of the service profile computeRackUnit	gen_text_input



UCS Central Tasks

This chapter contains the following sections:

- [Add Servers to UCS Central Server Pool, on page 3241](#)
- [Add UCS Central Organization, on page 3242](#)
- [Add UCS Central Time Zone, on page 3243](#)
- [Add UCS Central VLAN, on page 3244](#)
- [Add UCS Central VNIC Template, on page 3245](#)
- [Add VLAN to Global Service Profile, on page 3247](#)
- [Add VLAN to Global vNIC Template, on page 3248](#)
- [Add VSAN to Global Service Profile Template, on page 3249](#)
- [Add iSCSI vNIC to Global Service Profile, on page 3250](#)
- [Add vHBA to Global Service Profile, on page 3251](#)
- [Add vMedia Mount to UCS Central vMedia Policy, on page 3252](#)
- [Add vNIC to Global ServiceProfile, on page 3254](#)
- [Associate Global Service Profile, on page 3256](#)
- [Associate Global Service Profile Template to UCS Central Server Pool, on page 3257](#)
- [Bind Global Service Profile Template vNIC to Template, on page 3258](#)
- [Bind Global Service Profile to Template, on page 3259](#)
- [Bind Global Service Profile vNIC to Template, on page 3260](#)
- [Change Domain Group Assignment, on page 3261](#)
- [Check Server Association State, on page 3262](#)
- [Clone Global Service Profile Template, on page 3263](#)
- [Create Global Service Profile, on page 3264](#)
- [Create Global Service Profile from Template, on page 3270](#)
- [Create UCS Central Maintenance Policy, on page 3277](#)
- [Create UCS Central QoS Policy, on page 3278](#)
- [Create UCS Central Server Pool, on page 3279](#)
- [Create UCS Central vMedia Policy, on page 3280](#)
- [Delete Global Service Profile, on page 3281](#)
- [Delete Global Service Profile Template, on page 3282](#)
- [Delete Servers from UCS Central Server Pool, on page 3283](#)
- [Delete UCS Central Maintenance Policy, on page 3284](#)
- [Delete UCS Central Organization, on page 3285](#)
- [Delete UCS Central QoS Policy, on page 3286](#)

- [Delete UCS Central Server Pool, on page 3287](#)
- [Delete UCS Central Time Zone, on page 3288](#)
- [Delete UCS Central VLAN, on page 3289](#)
- [Delete UCS Central vMedia Policy, on page 3290](#)
- [Delete UCS Central vNIC Template, on page 3291](#)
- [Delete VLAN from Global Service Profile, on page 3292](#)
- [Delete VLAN from Global vNIC Template, on page 3293](#)
- [Delete VSAN from Global Service Profile Template, on page 3294](#)
- [Delete iSCSI vNIC from Global Service Profile, on page 3295](#)
- [Delete vHBA from Global Service Profile, on page 3296](#)
- [Delete vMedia Mount from UCS Central vMedia Policy, on page 3297](#)
- [Delete vNIC from Global ServiceProfile, on page 3298](#)
- [Disassociate Global Service Profile, on page 3299](#)
- [Disassociate Global Service Profile Template from UCS Central Server Pool, on page 3300](#)
- [Edit UCS Central Time Zone, on page 3301](#)
- [Get UCS Central vMedia Policy, on page 3302](#)
- [Install Multi ESXi on SD for UCS Central Virtual SAN, on page 3303](#)
- [Manage UCS Central Servers, on page 3305](#)
- [Modify Global Service Profile, on page 3306](#)
- [Modify Global Service Profile Template, on page 3309](#)
- [Modify UCS Central Boot Policy LUN ID and WWPN, on page 3312](#)
- [Modify UCS Central Boot Policy to Boot From iSCSI, on page 3314](#)
- [Modify UCS Central Service Profile Boot Policy, on page 3315](#)
- [Modify UCS Central VLAN Org Permissions, on page 3316](#)
- [Modify UCS Central vMedia Policy, on page 3317](#)
- [Modify vMedia Mount of UCS Central vMedia Policy, on page 3318](#)
- [Power Off Global ServiceProfile, on page 3320](#)
- [Power On Global ServiceProfile, on page 3321](#)
- [Publish VLAN to UCS Domain, on page 3322](#)
- [Register UCS Manager with Central, on page 3323](#)
- [Request Inventory Collection, on page 3324](#)
- [Request Inventory Collection By DN, on page 3325](#)
- [Request Inventory Collection By Resource, on page 3327](#)
- [Reset UCS Central Server, on page 3328](#)
- [Select Global Service Profile Template, on page 3329](#)
- [Select UCS Central Server, on page 3334](#)
- [Select UCS Global Service Profile, on page 3335](#)
- [Ucs Central User Acknowledge Activities, on page 3341](#)
- [UnBind Global Service Profile Template vNIC from Template, on page 3342](#)
- [UnBind Global Service Profile from Template, on page 3343](#)
- [UnBind Global Service Profile vNIC from Template, on page 3344](#)
- [Ungroup Domain, on page 3345](#)
- [Unmanage UCS Central Servers, on page 3346](#)
- [Unregister UCS Manager from Central, on page 3347](#)

Add Servers to UCS Central Server Pool

Summary

Add servers to a UCS Central server pool.

Description

This task adds one or more servers to a UCS Central server pool. Inputs to the task are the identity of the server pool and a ucsMultiServerIdentity containing one or more servers to be added.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool Name	Select Server Pool	ucsCentralServerPoolIdentity	Y
Server	Select servers for the server pool.	UCS_CENTRAL_MULTI_SERVER_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_POOL_IDENTITY	UCS Central Server Pool Identity	ucsCentralServerPoolIdentity
UCS_CENTRAL_MULTI_SERVER_IDENTITY	UCS Central Multi Server Identity	UCS_CENTRAL_MULTI_SERVER_IDENTITY

Add UCS Central Organization

Summary

Add an organization to UCS Central.

Description

This task adds an organization to a UCS Central account. Inputs are a name and description for the organization and an existing organization that the new organization will belong to. The parent organization can be any existing organization, including the root organization org-root. The task returns the identity of the new organization.

Inputs

Input	Description	Mappable To Type	Mandatory
Parent Organization	Select the parent organization under which the organization needs to be created	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Organization Name	Name of the new organization	gen_text_input	Y
Organization Description	Description of the new organization	gen_text_input	

Outputs

Output	Description	Type
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY

Add UCS Central Time Zone

Summary

Add a timezone to UCS Central.

Description

This task adds a timezone to a UCS Central account.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server Name	Enter the NTP server name	gen_text_input	Y
Domain Group	Select the Domain Group	ucsCentralDomainGroup Identity	Y
Time Zone	Select the time zone		Y

Outputs

Output	Description	Type
OUTPUT_NTP_SERVER	NTP Server	gen_text_input
UCS_CENTRAL_DOMAIN_GROUP_IDENTITY	UCS Central Domain Group Identity	ucsCentralDomainGroup Identity
OUTPUT_TIME_ZONE	Time Zone	gen_text_input

Add UCS Central VLAN

Summary

Add a VLAN to UCS Central and its managed objects.

Description

This task adds a VLAN to UCS Central along with its managed objects.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter the VLAN name for adding a VLAN	gen_text_input	Y
Domain Group	Choose a domain group from the list	ucsCentralDomainGroup Identity	Y
Fabric ID	Choose the fabric ID from the list		Y
VLAN ID(Common/Global)	Enter the VLAN ID	vlanID	Y

Outputs

Output	Description	Type
VLAN ID	VLAN ID	vlanID
VLAN NAME	VLAN NAME	vLANinterfaceName
UCS_CENTRAL_VLAN_IDENTITY	VLAN IDENTITY	ucsCentralVlanIdentity
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity
UCS_CENTRAL_MULTI_VLAN_IDENTITY	UCS CENTRAL MULTI VLAN IDENTITY	ucsCentralMultiVlanIdentity

Add UCS Central vNIC Template

Summary

Add a UCS Central vNIC template.

Description

This task adds a UCS Central vNIC template. Inputs include all vNIC template attributes. The vNIC template name, identity of the parent organization, and MTU are mandatory. The Task outputs the identity of the new template.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter vNIC Template Name	gen_text_input	Y
Description	Enter Description		
Organization	Select UCS central Organization Name	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Enable Failover	Check to enable failover	Boolean	
Target	Target		
Adapter	Check to use the adapter	Boolean	
VM	Check to use a VM	Boolean	
Fabric ID	Choose the fabric ID from the list	ucsCentralFabricIdList	
Template Type	Choose the template type from the list		
VLANs	Add VLANs to vNIC Template	ucsCentralVlanIdentity	
Native VLAN	Select Native VLAN	gen_text_input	
MTU	Enter the MTU values. Valid range is between 1500 and 9000.	gen_text_input	Y
MAC Pool	Choose the UCS Central MAC pool from the list	UCS_CENTRAL_MAC_POOL_IDENTITY	
QoS Policy	Choose the QoS Policy from the list	UCS_CENTRAL_QOS_POLICY_IDENTITY	
Network Control Policy	Choose the network control policy from the list	UCS_CENTRAL_NETWORK_CONTROL_POLICY_IDENTITY	
Pin Group	Choose the PIN group from the list	gen_text_input	
Stats Threshold Policy	Choose the stats threshold policy from the list	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	

Outputs

Output	Description	Type
OP_UCS_CENTRAL_VNIC_TEMPLATE	Global vNIC TEMPLATE	ucsCentralvNICTemplate Identity

Add VLAN to Global Service Profile

Summary

Add a VLAN to a global service profile.

Description

This task adds a VLAN to global service profile vNICs.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCS Central service profile to modify	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Add VLAN to selected vNICs	Check this option to add VLAN to selected vNICs in the Service Profile		
vNICs	Select the vNICs to add VLAN	ucsCentralServiceProfilevNICIdentity	Y
VLAN Type	Select VLAN Type		
Common/Global VLANs	Select a Common/Global VLAN	ucsCentralVlanIdentity	Y
Set as Native VLAN	Check this option to set the VLAN as Native VLAN		

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_VLAN_IDENTITY	UCS CENTRAL VLAN IDENTITY	ucsCentralVlanIdentity

Add VLAN to Global vNIC Template

Summary

Add a VLAN to a global vNIC template.

Description

This task adds a VLAN to a selected global vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC Template	Select vNIC template to modify	ucsCentralvNICTemplateIdentity	Y
VLANs	Add VLANs to vNIC Template	ucsCentralMultiVlanIdentity	Y
Native VLAN	Select Native VLAN	gen_text_input	

Outputs

Output	Description	Type
OP_UCS_CENTRAL_VNIC_TEMPLATE	Global vNIC TEMPLATE	ucsCentralvNICTemplateIdentity
OP_UCS_CENTRAL_VNIC_TEMPLATE_MULTI_VLAN_IDENTITY	UCS Global vNIC Template VLAN Identity	UcsCentralvNICTemplateMultiVlanIdentity

Add VSAN to Global Service Profile Template

Summary

Add a VSAN to a global service profile template.

Description

This task adds a VSAN to a UCS Central global service profile template. Optionally, the VSAN is added to one or more of the template's vHBAs. The output of this task is the service profile template identity and the added VSAN's identity.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose a global service profile template	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Add VSAN to selected vHBAs	Check to add a vSAN to the selected vHBAs in the global service profile template		
vHBAs	Choose the vHBAs to which to add the VSAN	UCS_CENTRAL_VHBA_IDENTITY	Y
VSAN	Choose a VSAN from the list	UCS_CENTRAL_VSAN_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_VSAN_IDENTITY	UCS Central VSAN Identity	UCS_CENTRAL_VSAN_IDENTITY

Add iSCSI vNIC to Global Service Profile

Summary

Add an iSCSI vNIC to a global service profile.

Description

This task adds an iSCSI vNIC to a global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Global Service Profile	Choose Global Service Profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
iSCSI vNIC Name	Enter the iSCSI vNIC name	gen_text_input	Y
vNICs	Select the vNICs to add VLAN	ucsCentralServiceProfilevNICIdentity	Y
iSCSI Adapter Policy	Select iSCSI Adapter Policy	ucsCentraliSCSIAdapterPolicyIdentity	Y
iSCSI Authentication profile	Choose iSCSI Authentication profile	ucsCentraliSCSIAuthProfileIdentity	
MAC Pool	Select UCS Central MAC Pool	UCS_CENTRAL_MAC_POOL_IDENTITY	
IP Pool	Select IP Pool	ucsCentralManagementipPoolIdentity	
IQN Pool	Select IQN Pool	ucsCentralIqnPoolIdentity	
Common/Global VLANs	Select a Common/Global VLAN	ucsCentralvNICVlanIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_ISCSI_VNIC_IDENTITY	UCS Central Service Profile iSCSI vNIC Identity	ucsCentralServiceProfileiSCSIvNICIdentity

Add vHBA to Global Service Profile

Summary

Add a vHBA to a global service profile.

Description

This task adds a vHBA to a UCS Central global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCS Central service profile to modify	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
vHBA Name	Enter vHBA Name	gen_text_input	Y
Use vHBA Template	Check to use the vHBA template		
Description	Enter description	gen_text_input	
VSAN	Choose the vSAN from the list	UCS_CENTRAL_VSAN_IDENTITY	
Max Data Field Size	Enter the maximum data field size. Valid range is between 256 and 2112.	gen_text_input	Y
WWPN Pool	Choose the WWPN Pool from the list	UCS_CENTRAL_WWNN_POOL_IDENTITY	
QoS Policy	Choose the QOS Policy from the list	UCS_CENTRAL_QOS_POLICY_IDENTITY	
Pin Group	Enter the name of the PIN group	gen_text_input	
Stats Threshold Policy	Choose the threshold policy from the list	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	
Adapter Policy	Choose the adapter policy from the the list	UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY	
vHBA Template	Choose the vHBA template from the list	UCS_CENTRAL_VHBA_TEMPLATE_IDENTITY	

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_VHBA_IDENTITY	UCS CENTRAL VHBA IDENTITY	UCS_CENTRAL_VHBA_IDENTITY

Add vMedia Mount to UCS Central vMedia Policy

Summary

Add a vMedia mount to a vMedia policy.

Description

This task adds a vMedia mount to a specific UCS Central vMedia policy. You provide a vMedia policy and other vMedia mount properties as mappable inputs. This task can be rolled back through the Service Requests page.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Select the vMedia Policy	ucsCentralvMedia Policy	Y
Device Type	For each vMedia policy, you can create a maximum of two vMedia mounts, one each for HDD and CDD. You cannot have more than one vMedia mount for the same device type.	ucsCentralvMedia MountDeviceType	Y
Mount Name	For each vMedia policy, you can create a maximum of two vMedia mounts, one each for HDD and CDD. You cannot have more than one vMedia mount for the same device type.	gen_text_input	Y
Description	Optional. Enter upto 250 characters. You can use any characters or spaces except ` (accent mark), (backslash), ^ (carat), " (double quote), = (equal sign), > (greater than), < (less than), and ' (single quote).	gen_text_input	
Protocol	Specify the network access protocol to use when communicating with the mounted remote server. Supported protocols are https, http, cifs and nfs.	ucsCentralvMedia MountMount Protocol	
Remote Server Host Name/IP Address	Enter the IP address or hostname of the location where the backup file is to be stored. This can be a server, storage array, local drive or any read/write media that the fabric interconnect can access through the network. If you use a hostname, you must configure the Cisco UCS Domain to use a DNS server. The hostname (DNS) can be used when inband network is configured for that server.	gen_text_input	
Absolute Remote Path	Enter the full path to the remote vMedia file. When specifying access via CIFS, be sure to use forward slashes in the path rather than Windows backslash characters.	gen_text_input	
Generate File Name from Service Profile Name	Selection of SERVICE-PROFILE-NAME will automatically use the service profile name as IMG name. The IMG file with the same name as service profile must be available in the required path. If you	ucsCentralvMedia MountImageName Variable	

Input	Description	Mappable To Type	Mandatory
	select NONE, fill in the remote IMG file name that the policy must use.		

Outputs

Output	Description	Type
ucsCentralvMediaMount	Added vMedia Mount	ucsCentralvMediaMount
ucsCentralvMediaMountDevice Type	vMedia Mount Device Type	ucsCentralvMediaMount DeviceType
ucsCentralvMediaMountMapping Name	vMedia Mount Mount Name	gen_text_input
ucsCentralvMediaMountDescription	vMedia Mount Description	gen_text_input
ucsCentralvMediaMountMount Protocol	vMedia Mount Protocol	ucsCentralvMediaMount MountProtocol
ucsCentralvMediaMountAuthOption	vMedia Mount Authentication Protocol	ucsCentralvMediaMountAuth Option
ucsCentralvMediaMountRemoteIp Address	vMedia Mount Remote Server Host Name/IP Address	gen_text_input
ucsCentralvMediaMountImagePath	vMedia Mount Absolute Remote Path	gen_text_input
ucsCentralvMediaMountImage NameVariable	vMedia Mount Generate File Name from Service Profile Name	ucsCentralvMediaMount ImageNameVariable
ucsCentralvMediaMountImageFile Name	vMedia Mount Remote File Name	gen_text_input

Add vNIC to Global ServiceProfile

Summary

Add a vNIC to a global service profile.

Description

This task adds a vNIC to a global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile for adding the vNIC	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Name	Enter the name of the vNIC		Y
Use vNIC Template	Check to create a vNIC from a vNIC Template		
MAC Pool	Choose a MAC Pool from the list	UCS_CENTRAL_MAC_POOL_IDENTITY	
Fabric ID	Choose Fabric A or Fabric B		Y
Enable Failover	Check to enable failover from the list		
VLANs	Choose one or more VLANs	ucsCentralMultiVlanIdentity	
Native VLAN	Choose a VLAN to set as the native VLAN	gen_text_input	
MTU	Enter the maximum transmission unit (packet size) that the vNIC should use. Valid range is between 1500 and 9000.		Y
Adapter Policy	Choose an ethernet adapter policy from the list		Y
Dynamic vNIC Connection Policy	Choose a dynamic vNIC connection policy. If you do not choose a policy, the default policy is used.		
QoS Policy	Choose a QoS policy from the list		
Network Control Policy	Choose a network control policy from the list		
vNIC Template	Choose a vNIC template. The vNIC template is used to create a vNIC.		Y
Pin Group	Choose a PIN group policy from the list		
Stats Threshold Policy	Choose a statistics threshold policy from the list		

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity

Associate Global Service Profile

Summary

Associate a global service profile to a server.

Description

This task associates a UCS Central global service profile to a server.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a service profile to associate with the server	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Server Selection Scope	Choose the server or server-pool option for server selection scope		
Server	Choose the server to associate with the service profile	ucsCentralServerIdentity	Y
Server Pool	Choose the server pool to associate with the service profile	ucsCentralServerPool Identity	Y
Server Pool Qualification Policy	Choose the server pool qualification policy to associate with the service profile	UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY	
Restrict Migration of Server	Check to restrict the migration of a server		

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity
UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Central Server Outband Management IP address	gen_text_input
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY	UCS Central Server Qualification Policy Identity	UCS_CENTRAL_SERVICE_PROFILE_QUALIFICATION_IDENTITY

Associate Global Service Profile Template to UCS Central Server Pool

Summary

Associate a global service profile template with a server pool.

Description

This task associates a UCS Central global service profile template with a server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose the global service profile template from the list	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Server Pool	Choose the server pool to associate with the global service profile	ucsCentralServerPoolIdentity	Y
Restrict Migration of Server	Check to restrict the migration of a server		

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_SERVER_POOL_IDENTITY	UCS Central Server Pool Identity	ucsCentralServerPoolIdentity

Bind Global Service Profile Template vNIC to Template

Summary

Bind a vNIC template to one or more vNICs in a global service profile template.

Description

This task binds a vNIC template to vNICs in a global service profile (GSP) template. Two inputs specify the GSP Template and the vNIC Template to use. The third input, Service Profile vNIC, is a multi-select list of vNICs in the GSP template. The vNIC template is bound to all vNICs that are selected.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose the global service profile template from the list	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Service Profile vNIC	Choose the global service profile template vNICs	ucsCentralServiceProfilevNICIdentity	Y
vNIC Template	Choose a vNIC template from the list	ucsCentralvNICTemplateIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity
UCS_CENTRAL_VNIC_TEMPLATE_IDENTITY	Output Ucs Central vNIC Template Identity	ucsCentralvNICTemplateIdentity

Bind Global Service Profile to Template

Summary

Bind a service profile to a UCS Central global service profile template.

Description

This task binds a service profile to a UCS Central Global service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Service Profile Template	Choose the global service profile template	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY

Bind Global Service Profile vNIC to Template

Summary

Bind a global service profile vNIC to a vNIC template.

Description

This UCS Central task binds a global service profile vNIC to a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Service Profile vNIC	Choose the global service profile vNICs	ucsCentralServiceProfilevNICIdentity	Y
vNIC Template	Choose a vNIC Template from the list	ucsCentralvNICTemplateIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity
UCS_CENTRAL_VNIC_TEMPLATE_IDENTITY	Output Ucs Central vNIC Template Identity	ucsCentralvNICTemplateIdentity

Change Domain Group Assignment

Summary

Select a domain group to assign a domain.

Description

This task changes a domain group assignment.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Domain	Select Domain	ucsCentralDomainIdentity	Y
Domain Group	Select Domain Group to assign the Domain	ucsCentralDomainGroupIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity
UCS_CENTRAL_DOMAIN_GROUP_IDENTITY	UCS Central Domain Group Identity	ucsCentralDomainGroupIdentity

Check Server Association State

Summary

Check a server's association state.

Description

This task checks a Server's association state.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Select server to check association state.	ucsCentralServerIdentity	Y

Outputs

No Outputs

Clone Global Service Profile Template

Summary

Create a copy of a global service profile template.

Description

This task clones a UCS Central global service profile template. The task takes as input the following:

- The template to clone
- A name for the new template
- The organization to assign the new template to

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template Name	Enter the global service profile template name	gen_text_input	Y
Service Profile Template	Choose the global service profile template from the list	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Organization	Choose the UCS Central organization under which the global service profile template is to be created	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y

Outputs

Output	Description	Type
CLONED_GLOBAL_SERVICE_PROFILE_TEMPLATE_NAME	Cloned Global Service Profile Template name	gen_text_input
GLOBAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Global Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
CLONED_GLOBAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Cloned Global Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY

Create Global Service Profile

Summary

Create a global service profile.

Description

This task creates a new global service profile in UCS Central.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter the global service profile name	gen_text_input	Y
Description	Enter the description for the global service profile	gen_text_input	
Organization	Choose the organization for the global service profile		Y
UUID Assignment	Choose the UUID pool for the global service profile		Y
Storage Policy	Choose the storage policy for the global service profile		Y
PXE Network Policy	Choose the network policy for the global service profile		
PXE Boot Policy	Choose the PXE boot policy from the list		
Blade Boot Policy	Choose the blade boot policy from the list		Y
BIOS Policy	Choose the BIOS policy from the list		
IPMI Access Profile	Choose the IPMI access profile or an external IPMI management configuration		
SOL Configuration Profile	Choose the serial over LAN configuration or an external IPMI mangement configuration		
Management IP Address Policy	Choose the management IP address policy from the list		
IP Address	Enter the IP address for the global service profile	gen_text_input	Y
Subnet Mask	Enter the subnet mask for the global service profile	gen_text_input	Y
Default Gateway	Enter the default gateway for the global service profile	gen_text_input	Y
Threshold Policy	Choose the statistics threshold policy from the list		
Scrub Policy	Choose the scrub policy from the list		

Input	Description	Mappable To Type	Mandatory
Host Firmware Policy	Choose the host firmware package policy from the list		
Maintenance Policy	Choose the maintenance policy from the list		
Power Control Policy	Choose the power control policy from the list		
vMedia Policy	Choose a vMedia policy from the list	ucsCentralvMediaPolicy	
Server Power State	Choose the power state from the list. The selected power state is applied to the server when the service profile is associated.	gen_text_input	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
BLADE_BOOT_POLICY	Name of the server boot policy that was used for creating service profile	ucsBootPolicyIdentity
SP_BOOT_POLICY	Name of new Boot Policy created	ucsBootPolicyIdentity
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma2@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba3@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input

Output	Description	Type
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity

Output	Description	Type
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input

Output	Description	Type
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity

Create Global Service Profile from Template

Summary

Create one or more UCS Central global service profiles from a template.

Description

This task creates one or more global service profiles from a template in a UCS Central account. For the Updating Type Service Profile template, the workflow task is executed successfully when the number of available servers is equal to the number of service profiles. The workflow task fails when the number of servers available for association is less than the number of service profiles. Before failing, the task associates service profiles (selected at random) to all the available free servers. The workflow task fails when a service profile captured in the log file is not associated to a server. For the Initial Type Service Profile template, the workflow task is executed successfully even when the number of available free servers is not equal to the number of service profiles.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Naming Convention	Choose Service Profile Naming Convention	spNamingConvention	
Service Profile Name Prefix	Enter the service profile name prefix. All the service profiles created from this template are prefixed with the specified name.	gen_text_input	Y
Number of Service Profiles	Enter the number of service profiles to be created from this template	gen_text_input	Y
Number to Start With	Enter the starting unique ID number for the service profile	gen_text_input	Y
Number of Digits	Enter the number of digits for the service profile	gen_text_input	Y
Service Profile Naming Suffix	Enter the service profile naming suffix. All the service profiles created from this template are suffixed with the specified name.	gen_text_input	
Comma Separated Service Profile Names	Enter the service profile names. Separate the service profile names with commas.	gen_text_input	Y
Service Profile Template	Choose the template that you want to use to create a service profile	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Destination Organization	Choose the UCS Central organization that you want to use to create a service profile	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y

Outputs

Output	Description	Type
ALL_SERVICEPROFILE_NAMES	DN of the Service Profiles on which the selected operation was performed	ucs_service_profile
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity
UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Central Server Outband Management IP address	gen_text_input
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
BOOT_POLICY_IDENTITY	UCS Central Boot Policy Identity	ucsBootPolicyIdentity
UCS_CENTRAL_BOOT_POLICY_IDENTITY	UCS Central BOOT Policy Identity	ucsCentralBootPolicyIdentity
SCRUB_POLICY_IDENTITY	UCS Scrub Policy Identity	ucsScrubPolicyIdentity
UCS_CENTRAL_SCRUB_POLICY_IDENTITY	UCS Central SCRUB Policy Identity	ucsCentralScrubPolicyIdentity
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma2@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma3@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VHBA1_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1)	gen_text_input
SP_VHBA2_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2)	gen_text_input
SP_VHBA3_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3)	gen_text_input
SP_VHBA4_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4)	gen_text_input
SP_VHBA5_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan5)	gen_text_input
SP_VHBA6_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan6)	gen_text_input

Output	Description	Type
SP_VHBA7_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan7)	gen_text_input
SP_VHBA8_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan8)	gen_text_input
SP_VHBA9_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan9)	gen_text_input
SP_VHBA10_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan10)	gen_text_input
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhba1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
ALL_SERVICE_PROFILE_NAMES	Name of the Service Profiles on which the selected operation was performed	gen_text_input
ALL_SERVICE_PROFILE_ACCOUNTNAME_DNS	Account Name and DN's of the Service Profiles on which the selected operation was performed	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity

Output	Description	Type
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input

Output	Description	Type
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfile MultivNICIdentity
ISCSI_IQN	UCS Service Profile iSCSI vNIC's IQN	gen_text_input
ISCSI_ADDR	UCS Service Profile iSCSI vNIC's IP Address	gen_text_input

Create UCS Central Maintenance Policy

Summary

Create a maintenance policy.

Description

This task creates a maintenance policy in UCS central.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter the maintenance policy name	gen_text_input	Y
Description	Enter the maintenance policy description		
Organization	Select UCS central Organization name	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Hard Shutdown Timer	Select timer	UCS_Central_ShutdownTimer Identity	Y
Storage Configuration Deployment Policy	Select storage config deployment policy type	UCS_Central_StorageConfig DeploymentIdentity	Y
Apply Changes On	Select reboot policy	UCS_Central_RebootIdentity	Y
Apply Changes On Next Reboot	Check to apply the changes on next reboot	Boolean	Y
Schedule	Select schedule	UCS_Central_ScheduleIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY	UCS Central MAINTENANCE Policy Identity	ucsCentralMaintenancePolicy Identity
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY

Create UCS Central QoS Policy

Summary

Create a UCS Central QoS Policy.

Description

This task creates a UCS Central QoS Policy. The user selects Organization, Policy Name, Description, Egress Priority, Egress Burst Size (Bytes), \ Egress Avg. Traffic Rate (Kbps), and Host Control Class Of Service (CoS). The output of this task is the new QoS Policy Identity and Name. This task supports a rollback action.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter QoS Policy name	gen_text_input	Y
Description	Enter a description of QoS policy.		
Organization	Select the organization where you want to create the Qos policy	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Egress Priority	Choose a egress priority from the list	UCS_CENTRAL_QOS_PRIORITY_LIST_PROVIDER	Y
Host Control Class of Service (CoS)	Choose a host control Class of Service (CoS)	UCS_CENTRAL_QOSPOLICY_HOSTCONTROL_LOVPROVIDER	Y
Egress Burst Size(Bytes)	Enter the valid egress burst size.	gen_text_input	Y
Egress Avg. Traffic Rate(Kbps)	Choose the egress Avg. traffic rate		Y

Outputs

Output	Description	Type
UCS_CENTRAL_QOS_POLICY_NAME	UCS Central QOS Policy Name	UCS_CENTRAL_QOS_POLICY_NAME
UCS_CENTRAL_QOS_POLICY_IDENTITY	UCS Central QOS Policy Identity	UCS_CENTRAL_QOS_POLICY_IDENTITY

Create UCS Central Server Pool

Summary

Create a UCS Central server pool.

Description

This task creates a UCS Central server pool. The task binds one or more server pool qualification policies to the server pool. The task can also to the server pool one or more servers that don't qualify based on the server pool qualification policy. The task output is the identity of the new server pool and a `ucsMultiServerIdentity` element representing the pooled servers.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization	Select the organization under which to create new server pool.	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Server Pool Name	Enter new server pool name.	gen_text_input	Y
Description	Enter new server pool description.	gen_text_input	
Server Pool Qualification Policy	Select Server Pool Qualification Policy	UcsMultiServerPoolQualPolicy Identity	
Server	Select servers to add with the server pool.	UCS_CENTRAL_MULTI_SERVER_IDENTITY	

Outputs

Output	Description	Type
UCS_CENTRAL_ADDED_SERVER_POOL	Newly Created Server Pool	ucsCentralServerPoolIdentity
UCS_CENTRAL_MULTI_SERVER_IDENTITY	UCS Central Multi Server Identity	UCS_CENTRAL_MULTI_SERVER_IDENTITY

Create UCS Central vMedia Policy

Summary

Create a vMedia mount policy in a UCS Central organization.

Description

This task creates a vMedia mount policy in a UCS Central organization. You provide organization, name, and description as mappable inputs. A mount points can be added to the newly created policy with the Add vMedia Mount to UCS Central vMedia Mount Policy task. This task can be rolled back through the Service Requests page.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization	Select the organization under which the vMedia policy needs to be created. The format is 'ucs_central_account_id;organization_dn' like '1;org-root/org-suborg.	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Name	Enter a name between 1 and 16 alphanumeric characters. You cannot use spaces or any special characters other than - (hyphen), _ (underscore), : (colon) and . (period). You cannot change this name after the object has been saved.	gen_text_input	Y
Description	Optional. Enter upto 250 characters. You can use any characters or spaces except ` (accent mark), (backslash), ^ (carat), " (double quote), = (equal sign), > (greater than), < (less than), and ' (single quote).	gen_text_input	
Retry on Mount Failure	Whether the vMedia will continue mounting when a mount failure occurs. If enabled, the remote server will continue to try to mount the vMedia until it is successful or you disable this option.	ucsCentralvMediaPolicyRetryOnMountFail	

Outputs

Output	Description	Type
ucsCentralvMediaPolicy	Added vMedia Policy	ucsCentralvMediaPolicy
ucsCentralvMediaPolicyName	vMedia Policy Name	gen_text_input
ucsCentralvMediaPolicyDescr	vMedia Policy Description	gen_text_input
ucsCentralvMediaPolicyRetryOnMountFail	vMedia Policy Retry On Mount Failure	ucsCentralvMediaPolicyRetryOnMountFail

Delete Global Service Profile

Summary

Delete a global service profile.

Description

This task deletes a UCS Central global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the global service profile to be delete	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

No Outputs

Delete Global Service Profile Template

Summary

Delete a global service profile template.

Description

This task deletes a UCS Central global service profile template. The outputs of this task are the service profile template identity and the organization identity of the deleted service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose a global service profile template to be deleted	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY

Delete Servers from UCS Central Server Pool

Summary

Remove a server from a UCS Central server pool.

Description

This task removes one or more servers from a UCS Central server pool. Inputs to the task are the identity of the Server Pool and a `ucsMultiServerIdentity` containing one or more servers to be removed.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool Name	Choose the UCS Central server pool	<code>ucsCentralServerPoolIdentity</code>	Y
Servers	Choose one or more servers to be deleted from the selected server pool	<code>UCS_CENTRAL_MULTI_SERVER_IDENTITY</code>	Y

Outputs

Output	Description	Type
<code>UCS_CENTRAL_SERVER_POOL_IDENTITY</code>	UCS Central Server Pool Identity	<code>ucsCentralServerPoolIdentity</code>
<code>UCS_CENTRAL_MULTI_SERVER_IDENTITY</code>	UCS Central Multi Server Identity	<code>UCS_CENTRAL_MULTI_SERVER_IDENTITY</code>

Delete UCS Central Maintenance Policy

Summary

Delete a maintenance policy.

Description

This task deletes a maintenance policy from UCS central.

Inputs

Input	Description	Mappable To Type	Mandatory
Maintenance Policy	Select UCS Central Maintenance Policy to be deleted	ucsCentralMaintenancePolicy Identity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY	UCS Central MAINTENANCE Policy Identity	ucsCentralMaintenance PolicyIdentity

Delete UCS Central Organization

Summary

Delete an organization from UCS Central.

Description

This task deletes an organization from a UCS Central account. The task takes the organization identity as input. The task returns the organization identity that it was given.

Inputs

Input	Description	Mappable To Type	Mandatory
Organization	Select the organization that needs to be removed	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY

Delete UCS Central QoS Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
QoS Policies	Select QoS Policy to delete	UCS_CENTRAL_QOS_POLICY_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_QOS_POLICY_IDENTITY	UCS Central QoS Policy Identity	UCS_CENTRAL_QOS_POLICY_IDENTITY

Delete UCS Central Server Pool

Summary

Removes a UCS Central server pool.

Description

This task removes a UCS Central server pool. It takes the server pool identity as input. The servers are untouched; only the pool entity is deleted.

Inputs

Input	Description	Mappable To Type	Mandatory
Server Pool Name	Choose the UCS central server pool from the list	ucsCentralServerPoolIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_POOL_IDENTITY	UCS Central Server Pool Identity	ucsCentralServerPoolIdentity

Delete UCS Central Time Zone

Summary

Delete a UCS Central time zone.

Description

This task deletes a UCS Central time zone.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server	Choose the NTP server to be deleted	ucsCentralTimeZoneIdentity	Y

Outputs

No Outputs

Delete UCS Central VLAN

Summary

Delete a UCS Central VLAN.

Description

This task deletes a VLAN and its managed objects from UCS Central. Output of this task is the ID of the deleted VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Choose a VLAN to be deleted	ucsCentralVlanIdentity	Y

Outputs

No Outputs

Delete UCS Central vMedia Policy

Summary

Remove one or more vMedia mount policies.

Description

This task removes one or more vMedia policies.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Select the vMedia Policy	ucsCentralvMediaPolicy	Y

Outputs

Output	Description	Type
ucsCentralvMediaPolicy	Removed vMedia Policy	ucsCentralvMediaPolicy

Delete UCS Central vNIC Template

Summary

Delete a UCS Central vNIC template.

Description

This task deletes a UCS Central vNIC template. Input is the template identity.

Inputs

Input	Description	Mappable To Type	Mandatory
Central vNIC Template	Choose the UCS Central vNIC template to be deleted	ucsCentralvNICTemplate Identity	Y

Outputs

Output	Description	Type
OP_UCS_CENTRAL_VNIC_TEMPLATE	Global VNIC TEMPLATE	ucsCentralvNICTemplate Identity

Delete VLAN from Global Service Profile

Summary

Delete a VLAN from a global service profile.

Description

This task deletes a VLAN from global service profile vNICs.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Delete VLAN from selected vNICs	Check to delete a VLAN from the selected vNICs		
Select vNICs	Choose one or more vNICs from the global service profile	ucsCentralServiceProfilevNICIdentity	Y
VLAN ID	Choose the VLAN to be deleted from the global service profile vNICs	ucsCentralVlanIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_VLAN_IDENTITY	UCS CENTRAL VLAN IDENTITY	ucsCentralVlanIdentity

Delete VLAN from Global vNIC Template

Summary

Deletes a vLAN from an existing global vNIC template.

Description

This task allows user to delete vLAN from existing global vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
vNIC Template	Choose a global vNIC template from the list	ucsCentralvNICTemplateIdentity	Y
vNIC Template VLAN	Choose one or more VLANs from the list	UcsCentralvNICTemplateMultiVLANIdentity	Y

Outputs

Output	Description	Type
OP_UCS_CENTRAL_VNIC_TEMPLATE_MULTI_VLAN_IDENTITY	UCS Global vNIC Template VLAN Identity	UcsCentralvNICTemplateMultiVLANIdentity

Delete VSAN from Global Service Profile Template

Summary

Delete a VSAN from a global service profile template.

Description

This task deletes a VSAN from a UCS Central global service profile template. Optionally, the VSAN is deleted from one or more of the template's vHBAs. The output of this task is the service profile template identity and the deleted VSAN's identity.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose a global service profile template	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Delete VSAN to selected vHBAs	Check to delete a VSAN from the selected vHBAs		
vHBAs	Choose one or more vHBAs from the global service profile template	UCS_CENTRAL_VHBA_IDENTITY	Y
VSAN	Choose the VSAN to be deleted from the global service profile template vHBAs	UCS_CENTRAL_VSAN_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_VSAN_IDENTITY	UCS Central VSAN Identity	UCS_CENTRAL_VSAN_IDENTITY

Delete iSCSI vNIC from Global Service Profile

Summary

Delete an iSCSI vNIC from a global service profile.

Description

This task deletes an iSCSI vNIC from a global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Global Service Profile iSCSI vNIC	Choose the global service profile iSCSI vNIC to be deleted from the global service profile	ucsCentralServiceProfileiSCSIvNICIdentity	Y

Outputs

No Outputs

Delete vHBA from Global Service Profile

Summary

Delete a vHBA from a global service profile.

Description

This task deletes a vHBA from a UCS Central global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Service Profile vHBA	Choose one or more vHBAs to be deleted from the global service profile	UCS_CENTRAL_VHBA_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_VHBA_IDENTITY	UCS CENTRAL VHBA IDENTITY	UCS_CENTRAL_VHBA_IDENTITY

Delete vMedia Mount from UCS Central vMedia Policy

Summary

Remove vMedia mounts from vMedia policies.

Description

This task removes one or more vMedia mounts from vMedia policies.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Mount	Select the vMedia Mount	ucsCentralvMediaMount	Y

Outputs

Output	Description	Type
ucsCentralvMediaMount	Removed vMedia Mount	ucsCentralvMediaMount

Delete vNIC from Global ServiceProfile

Summary

Delete a vNIC from a global service profile.

Description

This task deletes a vNIC from a global service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Service Profile vNIC	Choose one or more vNICs to be deleted from the global service profile	ucsCentralServiceProfilevNICIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity

Disassociate Global Service Profile

Summary

Dissociate a global service profile from a server.

Description

This task dissociates a UCS Central global service profile from a server.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

No Outputs

Disassociate Global Service Profile Template from UCS Central Server Pool

Summary

Disassociate a global service profile template from a server pool.

Description

This task dissociates a UCS Central service profile template from a server pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile template from the lists	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY

Edit UCS Central Time Zone

Summary

Edit a UCS Central time zone.

Description

This task modifies a UCS Central time zone.

Inputs

Input	Description	Mappable To Type	Mandatory
NTP Server	Choose the NTP server to be edited	ucsCentralTimeZone Identity	Y
Time Zone	Choose the time zone to set for the NTP Server		Y

Outputs

Output	Description	Type
OUTPUT_NTP_SERVER	NTP Server	gen_text_input
OUTPUT_TIME_ZONE	Time Zone	gen_text_input

Get UCS Central vMedia Policy

Summary

Get information about a vMedia mount policy.

Description

This task fetches information about a vMedia mount policy. The task outputs basic properties of the vMedia policy and the identities of the vMedia mounts of the policy.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Select the vMedia Policy	ucsCentralvMediaPolicy	Y

Outputs

Output	Description	Type
ucsCentralvMediaPolicy	Selected vMedia Policy	ucsCentralvMediaPolicy
ucsCentralvMediaPolicyName	vMedia Policy Name	gen_text_input
ucsCentralvMediaPolicyDescr	vMedia Policy Description	gen_text_input
ucsCentralvMediaPolicyRetryOnMountFail	vMedia Policy Retry On Mount Failure	ucsCentralvMediaPolicyRetryOnMountFail
ucsCentralvMediaPolicyvMediaMounts	vMedia Policy vMedia Mounts	ucsCentralvMediaMount

Install Multi ESXi on SD for UCS Central Virtual SAN

Summary

Install multiple ESXi instances on SD memory for a UCS Central Virtual SAN.

Description

This task validates inputs for ESXi installation and triggers installation of ESXi on multiple UCS-Central servers from bare metal.

Inputs

Input	Description	Mappable To Type	Mandatory
Select	Choose the server selection scope from the list	selectServerPoolor UCSServer	
Server Pool Name	Choose a UCS Central server pool from the list	ucsCentralServerPool Identity	
Servers	Choose one or more servers from the list	UCS_CENTRAL_MULTI_SERVER_IDENTITY	
Number of Host Nodes	Enter the number of host nodes	gen_text_input	
Service Profile Template	Choose a Service Profile Template from the list	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Service Profile Name	Enter the service profile name for v SAN cluster	gen_text_input	
Boot	Choose a boot policy from the list	ucsCentralBootPolicy Identity	
Scrub	Choose a scrub policy from the list	ucsCentralScrubPolicy Identity	
Management IP Pool	Choose the management IP pool from the list	VMWareIPPoolPolicy	Y
BMA Server	Choose the target BMA for the PXE setup from the list	BMA	Y
DNS Server Name	Enter the DNS server name	gen_text_input	
Timezone	Choose the UCS Central time zone	Timezone	Y
Host Name	Enter the host name	gen_text_input	Y
Host User ID	Enter the user id	gen_text_input	Y
Host Password	Enter the host password	password	Y
OS Type	Choose the OS type	OSType	Y
RAID Mode	Choose the Cisco VSAN Raid mode with supported RAID	RAIDModeLOV	

Input	Description	Mappable To Type	Mandatory
Workflow Name	Enter workflow name of vSAN (Install ESXi on SD Card for Virtual SAN using UCSC)	gen_text_input	Y
Cluster Name	Enter the cluster name	vsanCluster	

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_HOST_IP_ADDRESS_LIST	Host IP Addresses	gen_text_input

Manage UCS Central Servers

Summary

Move UCS Central servers to the Managed state.

Description

This UCS task moves servers to Managed state from Unmanaged state.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Choose a UCS Central account from the list	ucsCentralIdentity	Y
UCS Domain	Choose a domain in the UCS Central account	ucsCentralDomainIdentity	Y
Discovered Servers	Choose one or more discovered servers in the domain for which to change the managed status	UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY	

Outputs

Output	Description	Type
UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY	UCS Central Discovered Server Identity	UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY

Modify Global Service Profile

Summary

Modify a global service profile's pools and policies.

Description

This UCS Central task modifies existing global service profile pools and policies. The user cannot remove an existing policy. The task returns the global service profile identity and the identities of the modified pools and policies.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Description	Enter the global service profile description		
Server Power State	Choose the power state to be applied to the server when a global service profile is associated		Y
UUID Pool	Choose the UUID Pool to update the global service profile	ucsCentralUuidPoolIdentity	
In-band Management IP Pool (IPv4)	Choose the In-band management IP Pool IPv4	ucsCentralManagementipPoolIdentity	
Out-band Management IP Pool (IPv4)	Choose the Out-band management IP Pool IPv4	ucsCentralManagementipPoolIdentity	
In-band Management IP Pool (IPv6)	Choose the In-band management IP Pool IPv6	ucsCentralManagementipPoolIdentity	
Management VLAN	Choose the management VLAN	ucsCentralVlanIdentity	
IP Pool	Choose the IP pool		
IQN Pool	Choose the IQN Pool from the list	ucsCentralIqnPoolIdentity	
LAN Adapter	Choose the LAN adapter policy from the list	UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY	
SAN Adapter	Choose the SAN adapter policy from the list	UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY	
Local Disk Configuration	Choose the local disk configuration policy from the list	ucsCentralLocalDiskConfigurationPolicyIdentity	
Maintenance	Choose the maintenance policy from the list	ucsCentralMaintenancePolicyIdentity	
Host Firmware Package	Choose the host firmware package policy from the list	ucsCentralHostfirmwarePolicyIdentity	

Input	Description	Mappable To Type	Mandatory
BIOS	Choose a BIOS policy from the list	ucsCentralBiosPolicyIdentity	
Boot	Choose a boot policy from the list	ucsCentralBootPolicyIdentity	
Scrub	Choose a scrub policy from the list	ucsCentralScrubPolicyIdentity	
Power Control	Choose a power control policy from the list	ucsCentralPowercontrolPolicyIdentity	
IPMI Access Profile	Choose a IPMI access profile policy from the list	ucsCentralIpmiPolicyIdentity	
Serial over LAN	Choose a serial over LAN policy from the list	ucsCentralSolPolicyIdentity	
Statistics Threshold	Choose a statistics threshold policy from the list	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	
vMedia Policy	Choose a vMedia policy from the list	ucsCentralvMediaPolicy	

Outputs

Output	Description	Type
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_UUID_POOL_IDENTITY	UCS Central UUID Pool Identity	ucsCentralUuidPoolIdentity
UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY	UCS Central InBand IPv4 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY	UCS Central InBand IPv6 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY	UCS Central IPv4 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY	UCS Central Management VLAN Identity	ucsCentralVlanIdentity
UCS_CENTRAL_IQN_POOL_IDENTITY	UCS Central IQN Pool Identity	ucsCentralIqnPoolIdentity
UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY	UCS Central LAN Adapter policy Identity	UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY
UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY	UCS Central SAN Adapter policy Identity	UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY

Output	Description	Type
UCS_CENTRAL_BOOT_POLICY_IDENTITY	UCS Central BOOT Policy Identity	ucsCentralBootPolicyIdentity
UCS_CENTRAL_BIOS_POLICY_IDENTITY	UCS Central Bios Policy Identity	ucsCentralBiosPolicyIdentity
UCS_CENTRAL_IPMI_POLICY_IDENTITY	UCS Central IPMI Policy Identity	ucsCentralIpmiPolicyIdentity
UCS_CENTRAL_SOL_POLICY_IDENTITY	UCS Central SOL Policy Identity	ucsCentralSolPolicyIdentity
UCS_CENTRAL_SCRUB_POLICY_IDENTITY	UCS Central SCRUB Policy Identity	ucsCentralScrubPolicyIdentity
UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY	UCS Central HOSTFIRMWARE Policy Identity	ucsCentralHostfirmwarePolicyIdentity
UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY	UCS Central MAINTENANCE Policy Identity	ucsCentralMaintenancePolicyIdentity
UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY	UCS Central POWERCONTROL Policy Identity	ucsCentralPowercontrolPolicyIdentity
UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	UCS Central THRESHOLD Policy Identity	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY	UCS Central LOCAL DISK CONFIGURATION Policy Identity	ucsCentralLocalDiskConfigurationPolicyIdentity
ucsCentralvMediaPolicy	UCS Central vMedia Policy Identity	ucsCentralvMediaPolicy

Modify Global Service Profile Template

Summary

Modify a global service profile template's pools and policies.

Description

This UCS Central task modifies existing global service profile template pools and policies. The user cannot remove the existing policy. The task returns the service profile template identity and the identities of the modified pools and policies.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose the global service profile template	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Description	Enter the global service profile description		
Template Type	Choose the Template type		
Server Power State	Choose the power state to be applied to the server when a global service profile is associated		Y
UUID Pool	Choose the UUID Pool from the list	ucsCentralUuidPoolIdentity	
In-band Management IP Pool (IPv4)	Choose the IPv4 In-band Management IP Pool	ucsCentralManagementipPoolIdentity	
Out-band Management IP Pool (IPv4)	Choose the IPv4 Out-band Management IP Pool	ucsCentralManagementipPoolIdentity	
In-band Management IP Pool (IPv6)	Choose the IPv6 In-band Management IP Pool	ucsCentralManagementipPoolIdentity	
Management VLAN	Choose the Management VLAN from the list	ucsCentralVlanIdentity	
IP Pool	Enter the IP pool		
IQN Pool	Choose the IQN pool from the list	ucsCentralIqnPoolIdentity	
LAN Adapter	Choose the LAN adapter policy from the list	UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY	
SAN Adapter	Choose the SAN adapter policy from the list	UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY	
Local Disk Configuration	Choose the local disk configuration policy from the list	ucsCentralLocalDiskConfigurationPolicyIdentity	
Maintenance	Choose the maintenance policy from the list	ucsCentralMaintenancePolicyIdentity	

Input	Description	Mappable To Type	Mandatory
Host Firmware Package	Choose a host firmware package policy from the list	ucsCentralHostfirmwarePolicyIdentity	
BIOS	Choose a BIOS policy from the list	ucsCentralBiosPolicyIdentity	
Boot	Choose a boot policy from the list	ucsCentralBootPolicyIdentity	
Scrub	Choose a scrub policy from the list	ucsCentralScrubPolicyIdentity	
Power Control	Choose a power control policy from the list	ucsCentralPowercontrolPolicyIdentity	
IPMI Access Profile	Choose an IPMI access profile policy from the list	ucsCentralIpmiPolicyIdentity	
Serial over LAN	Choose a serial over LAN policy from the list	ucsCentralSolPolicyIdentity	
Statistics Threshold	Choose a statistics threshold policy from the list	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	
vMedia Policy	Choose a vMedia policy from the list	ucsCentralvMediaPolicy	

Outputs

Output	Description	Type
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
GLOBAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Global Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_UUID_POOL_IDENTITY	UCS Central UUID Pool Identity	ucsCentralUuidPoolIdentity
UCS_CENTRAL_INBAND_IPV4_POOL_IDENTITY	UCS Central InBand IPv4 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_INBAND_IPV6_POOL_IDENTITY	UCS Central InBand IPv6 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_MANAGEMENTIP_POOL_IDENTITY	UCS Central IPv4 Pool Identity	ucsCentralManagementipPoolIdentity
UCS_CENTRAL_MANAGEMENT_VLAN_IDENTITY	UCS Central Management VLAN Identity	ucsCentralVlanIdentity
UCS_CENTRAL_IQN_POOL_IDENTITY	UCS Central IQN Pool Identity	ucsCentralIqnPoolIdentity
UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY	UCS Central LAN Adapter policy Identity	UCS_CENTRAL_LAN_ADAPTER_POLICY_IDENTITY

Output	Description	Type
UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY	UCS Central SAN Adapter policy Identity	UCS_CENTRAL_SAN_ADAPTER_POLICY_IDENTITY
UCS_CENTRAL_BOOT_POLICY_IDENTITY	UCS Central BOOT Policy Identity	ucsCentralBootPolicyIdentity
UCS_CENTRAL_BIOS_POLICY_IDENTITY	UCS Central Bios Policy Identity	ucsCentralBiosPolicyIdentity
UCS_CENTRAL_IPMI_POLICY_IDENTITY	UCS Central IPMI Policy Identity	ucsCentralIpmiPolicyIdentity
UCS_CENTRAL_SOL_POLICY_IDENTITY	UCS Central SOL Policy Identity	ucsCentralSolPolicyIdentity
UCS_CENTRAL_SCRUB_POLICY_IDENTITY	UCS Central SCRUB Policy Identity	ucsCentralScrubPolicyIdentity
UCS_CENTRAL_HOSTFIRMWARE_POLICY_IDENTITY	UCS Central HOSTFIRMWARE Policy Identity	ucsCentralHostfirmwarePolicyIdentity
UCS_CENTRAL_MAINTENANCE_POLICY_IDENTITY	UCS Central MAINTENANCE Policy Identity	ucsCentralMaintenancePolicyIdentity
UCS_CENTRAL_POWERCONTROL_POLICY_IDENTITY	UCS Central POWERCONTROL Policy Identity	ucsCentralPowercontrolPolicyIdentity
UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY	UCS Central THRESHOLD Policy Identity	UCS_CENTRAL_STATS_THRESHOLD_POLICY_IDENTITY
UCS_CENTRAL_LOCALDISKCONFIGURATION_POLICY_IDENTITY	UCS Central LOCAL DISK CONFIGURATION Policy Identity	ucsCentralLocalDiskConfigurationPolicyIdentity
ucsCentralvMediaPolicy	UCS Central vMedia Policy Identity	ucsCentralvMediaPolicy

Modify UCS Central Boot Policy LUN ID and WWPN

Summary

Modify a SAN target WWPN and LUN ID for the selected boot policy.

Description

This task modifies the WWPN and LUN ID of the SAN Target of a boot policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Boot Policy	Choose a UCS central boot policy to edit	ucsCentralBootPolicyIdentity	Y
Primary Boot Target LUN ID Primary	Enter the primary target LUN ID to modify in the boot policy	gen_text_input	
Primary Boot Target WWPN Primary	Enter the primary target WWPN to modify in the boot policy	gen_text_input	
Primary Boot Target LUN ID Secondary	Enter the secondary target LUN ID to modify in the boot policy	gen_text_input	
Primary Boot Target WWPN Secondary	Enter the secondary target WWPN to modify in the boot policy	gen_text_input	
Secondary Boot Target LUN ID Primary	Enter the primary target LUN ID to modify in the boot policy	gen_text_input	
Secondary Boot Target WWPN Primary	Enter the primary target LUN ID to modify in the boot policy	gen_text_input	
Secondary Boot Target LUN ID Secondary	Enter the secondary target LUN ID to modify in the boot policy	gen_text_input	
Secondary Boot Target WWPN Secondary	Enter the secondary target WWPN to modify in the boot policy	gen_text_input	

Outputs

Output	Description	Type
UCS_CENTRAL_BOOT_POLICY_IDENTITY	UCS Central BOOT Policy Identity	ucsCentralBootPolicyIdentity
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_PRIMARY_WWN	Primary WWN of the virtual Host Bus Adapter 1 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_SECONDARY_WWN	Secondary WWN of the virtual Host Bus Adapter 1 that was created as part of Boot Policy	gen_text_input
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_PRIMARY_WWN	Primary WWN of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input

Output	Description	Type
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_SECONDARY_WWN	Secondary WWN of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_PRIMARY_LUNID	Primary LUN ID of the virtual Host Bus Adapter 1 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_PRIMARY_PATH_SECONDARY_LUNID	Secondary LUN ID of the virtual Host Bus Adapter 1 that was created as part of Boot Policy	gen_text_input
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_PRIMARY_LUNID	Primary LUN ID of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input
OUTPUT_BOOT_POLICY_SAN_SECONDARY_PATH_SECONDARY_LUNID	Secondary LUN ID of the virtual Host Bus Adapter 2 that was created as part of Boot Policy.	gen_text_input

Modify UCS Central Boot Policy to Boot From iSCSI

Summary

Modify UCS Central boot policy to boot from iSCSI.

Description

This UCS task modifies the boot order in a UCS Central boot policy to boot From iSCSI.

Inputs

Input	Description	Mappable To Type	Mandatory
Boot Policy	Choose a boot policy to be modified	ucsCentralBootPolicyIdentity	Y

Outputs

No Outputs

Modify UCS Central Service Profile Boot Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a UCS Central service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Boot Policy	Choose a boot policy to update in the service profile	ucsCentralBootPolicyIdentity	Y

Outputs

No Outputs

Modify UCS Central VLAN Org Permissions

Summary

Modify UCS Central VLAN organization permissions.

Description

This task modifies UCS Central VLAN organization's permissions.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Choose a VLAN from the list	ucsCentralVlanIdentity	Y
Organizations	Choose one or more organizations to which to add permission for the VLAN	UCS_CENTRAL_MULTI_ORGANIZATION_IDENTITY	Y

Outputs

No Outputs

Modify UCS Central vMedia Policy

Summary

Modify the given vMedia mount policy.

Description

This task modifies a vMedia mount policy.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Policy	Select the vMedia Policy	ucsCentralvMedia Policy	Y
Name	Enter a name between 1 and 16 alphanumeric characters. You cannot use spaces or any special characters other than - (hyphen), _ (underscore), : (colon) and . (period). You cannot change this name after the object has been saved.		
Description	Optional. Enter upto 250 characters. You can use any characters or spaces except ` (accent mark), (backslash), ^ (carat), " (double quote), = (equal sign), > (greater than), < (less than), and ' (single quote).	gen_text_input	
Retry on Mount Failure	Whether the vMedia will continue mounting when a mount failure occurs. If enabled, the remote server will continue to try to mount the vMedia until it is successful or you disable this option.	ucsCentralvMedia PolicyRetryOn MountFail	

Outputs

Output	Description	Type
ucsCentralvMediaPolicy	Modified vMedia Policy	ucsCentralvMediaPolicy
ucsCentralvMediaPolicyName	vMedia Policy Name	gen_text_input
ucsCentralvMediaPolicyDescr	vMedia Policy Description	gen_text_input
ucsCentralvMediaPolicyRetryOn MountFail	vMedia Policy Retry On Mount Failure	ucsCentralvMediaPolicyRetry OnMountFail

Modify vMedia Mount of UCS Central vMedia Policy

Summary

Modify a vMedia mount.

Description

This task modifies a vMedia mount.

Inputs

Input	Description	Mappable To Type	Mandatory
vMedia Mount	Select the vMedia Mount	ucsCentralvMediaMount	Y
Device Type	For each vMedia policy, you can create a maximum of two vMedia mounts, one each for HDD and CDD. You cannot have more than one vMedia mount for the same device type.		Y
Mount Name	For each vMedia policy, you can create a maximum of two vMedia mounts, one each for HDD and CDD. You cannot have more than one vMedia mount for the same device type.		Y
Description	Optional. Enter upto 250 characters. You can use any characters or spaces except ` (accent mark), (backslash), ^ (carat), " (double quote), = (equal sign), > (greater than), < (less than), and ' (single quote).	gen_text_input	
Protocol	Specify the network access protocol to use when communicating with the mounted remote server. Supported protocols are https, http, cifs and nfs.	ucsCentralvMediaMountMountProtocol	
Remote Server Host Name/IP Address	Enter the IP address or hostname of the location where the backup file is to be stored. This can be a server, storage array, local drive or any read/write media that the fabric interconnect can access through the network. If you use a hostname, you must configure the Cisco UCS Domain to use a DNS server. The hostname (DNS) can be used when inband network is configured for that server.	gen_text_input	
Absolute Remote Path	Enter the full path to the remote vMedia file. When specifying access via CIFS, be sure to use forward slashes in the path rather than Windows backslash characters.	gen_text_input	
Generate File Name from Service Profile Name	Selection of SERVICE-PROFILE-NAME will automatically use the service profile name as IMG name. The IMG file with the same name as service profile must be available in the required path. If you select NONE, fill in the remote IMG file name that the policy must use.	ucsCentralvMediaMountImageNameVariable	

Outputs

Output	Description	Type
ucsCentralvMediaMount	Modified vMedia Mount	ucsCentralvMediaMount
ucsCentralvMediaMountDevice Type	vMedia Mount Device Type	ucsCentralvMediaMount DeviceType
ucsCentralvMediaMountMapping Name	vMedia Mount Mount Name	gen_text_input
ucsCentralvMediaMountDescription	vMedia Mount Description	gen_text_input
ucsCentralvMediaMountMount Protocol	vMedia Mount Protocol	ucsCentralvMediaMount MountProtocol
ucsCentralvMediaMountAuth Option	vMedia Mount Authentication Protocol	ucsCentralvMediaMountAuth Option
ucsCentralvMediaMountRemoteIp Address	vMedia Mount Remote Server Host Name/IP Address	gen_text_input
ucsCentralvMediaMountImagePath	vMedia Mount Absolute Remote Path	gen_text_input
ucsCentralvMediaMountImage NameVariable	vMedia Mount Generate File Name from Service Profile Name	ucsCentralvMediaMount ImageNameVariable
ucsCentralvMediaMountImageFile Name	vMedia Mount Remote File Name	gen_text_input

Power Off Global ServiceProfile

Summary

Power off the global service profile associated with a server.

Description

This task powers off the UCS Central global service profile associated with a server.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY

Power On Global ServiceProfile

Summary

Power on the global service profile associated with a server.

Description

This task powers on the UCS Central global service profile associated with a server.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY

Publish VLAN to UCS Domain

Summary

Publish a VLAN from UCS Central to a UCS domain.

Description

This task publishes a VLAN from UCS Central to a UCS domain.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Choose the a VLAN from the list	ucsCentralVlanIdentity	Y
UCS Domain	Choose the UCS domain from the list	ucsCentralDomainIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_VLAN_IDENTITY	VLAN IDENTITY	ucsCentralVlanIdentity
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity

Register UCS Manager with Central

Summary

Register UCS Manager with UCS Central.

Description

This task registers UCS Manager with UCS Central. Output of this task is the name of the account on which registration was performed.

Inputs

Input	Description	Mappable To Type	Mandatory
UCSM	Choose a UCSM account to register with UCS Central	ucsAccountName	Y
UCS Central Hostname/IP Address	Enter the UCS Central hostname or the IP address	gen_text_input	Y
Shared Secret	Enter the shared secret string	password	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName

Request Inventory Collection

Summary

Collect inventory on one or more UCS Central accounts.

Description

This task collects inventory on one or more UCS Central accounts

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Choose a UCS Central account to collect inventory	ucsCentralIdentity	Y
Resources	Choose one or more UCS Central resources on which to collect inventory	ucsCentralResources	Y

Outputs

No Outputs

Request Inventory Collection By DN

Summary

Request inventory collection of the resource using the provided DN input.

Description

This task collects an inventory of the resource using the DN provided. This task does not collect any child resource info. If the provided DN doesn't match the Resource Type input, the workflow task fails. If the resource is deleted in UCS Central, the workflow task fails. Trigger the system inventory task to update UCS Director. Sample DN Formats:

- SP/SPT:org-root/org-newAssoc/ls-SPT-ucsc
- ORG:org-root/org-newAssoc
- Domain:compute/sys-1008
- ComputeBlade:compute/sys-1014/chassis-1/blade-1
- RackServer:compute/sys-1014/rack-unit-3

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Select UCS Central Account	ucsCentralIdentity	Y
Resources	Select resource to collect inventory	UCS_CENTRAL_DN_INV_OBJECTS	Y
UCS Central Input DN	DN Formats...SP/SPT:org-root/org-new Assoc/ls-SPT-ucsc , ORG:org-root/org-new Assoc , Domain:compute/sys-1008, Compute Blade:compute/sys-1014/chassis-1/blade-1, RackServer:compute/sys-1014/rack-unit-3	gen_text_input	Y

Outputs

Output	Description	Type
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity

Output	Description	Type
UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY	UCS Central Discovered Server Identity	UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY

Request Inventory Collection By Resource

Summary

Request inventory collection of scoped objects under a resource.

Description

This task collects an inventory of the child ScopedObjects of the selected resource. If the selected Resource is not available in UCS Central, the task fails. Trigger the system inventory task to update UCS Director.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Select UCS Central Account	ucsCentralIdentity	Y
Parent Resources	Select resource to collect inventory	UCS_CENTRAL_SCOPED_INV_RESOURCES	Y
UCS Domain	Select the UCS Domain	ucsCentralDomainIdentity	Y
Organization	Select the organization under which to create new server pool.	UCS_CENTRAL_ORGANIZATION_IDENTITY	Y
Resource	Select scoped objects to collect inventory	UCS_CENTRAL_SCOPED_INV_OBJECTS	Y

Outputs

Output	Description	Type
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY

Reset UCS Central Server

Summary

Reset a server managed in UCS Central.

Description

This task resets a server managed in UCS Central.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Select UCS Central server to Reset	ucsCentralServerIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity

Select Global Service Profile Template

Summary

Select an existing global service profile template from UCS Central.

Description

This task retrieves the state of a global service profile template from UCS Central, given its identity. The outputs of the task are all the template's attributes -- over 60 values in all.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose a UCS global service profile template	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
BOOT_POLICY_IDENTITY	UCS Central Boot Policy Identity	ucsBootPolicyIdentity
UCS_CENTRAL_SERVER_POOL_IDENTITY	UCS Central Server Pool Identity	ucsCentralServerPoolIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultiVNICIdentity
OUTPUT_SP_VNIC_IDENTITY_LIST	vNIC Identity of all service profile's vNICs that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity

Output	Description	Type
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VHBA_IDENTITY_LIST	vHBA Identity of all service profile's vHBAs that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY1	vHBA Identity of service profile's vHBA 1 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY2	vHBA Identity of service profile's vHBA 2 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY3	vHBA Identity of service profile's vHBA 3 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY4	vHBA Identity of service profile's vHBA 4 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY5	vHBA Identity of service profile's vHBA 5 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY6	vHBA Identity of service profile's vHBA 6 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY

Output	Description	Type
OUTPUT_SP_VHBA_IDENTITY7	vHBA Identity of service profile's vHBA 7 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY8	vHBA Identity of service profile's vHBA 8 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY9	vHBA Identity of service profile's vHBA 9 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
OUTPUT_SP_VHBA_IDENTITY10	vHBA Identity of service profile's vHBA 10 that was created as part of service profile/service profile template.	UCS_CENTRAL_VHBA_IDENTITY
SP_VHBA1_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1)	gen_text_input
SP_VHBA2_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2)	gen_text_input
SP_VHBA3_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3)	gen_text_input
SP_VHBA4_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4)	gen_text_input
SP_VHBA5_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan5)	gen_text_input
SP_VHBA6_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan6)	gen_text_input
SP_VHBA7_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan7)	gen_text_input
SP_VHBA8_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan8)	gen_text_input
SP_VHBA9_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan9)	gen_text_input
SP_VHBA10_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan10)	gen_text_input

Output	Description	Type
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input

Select UCS Central Server

Summary

Select a server matching the qualification criteria from the server pool in a UCS central account.

Description

This task selects a server matching the qualification criteria from the server pool in a UCS central account. The criteria include the number of CPUs on the server, total memory on the server and association state of the server. If more than one server satisfies the criteria, the first server from the list is picked. The DN of the selected server is delivered as an output of the task.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose the UCS central account from the list	ucsCentralIdentity	Y
Server Selection Scope	Choose the server selection scope from the list		
Server Pools	Choose one ore more server pools from the list	ucsCentralServerPool Identity	Y
Servers	Choose one ore more servers from the list	ucsCentralServer Identity	Y
Use Unassociated Servers Only	Check to include only unassociated servers in the server selection		
Use for SAN Boot	Check to include only servers which contain atleast one FCoE capable interface card		
Number of CPUs	Enter the minimum number of CPUs the server should contain	gen_text_input	
Total Memory(GB)	Enter the minimum memory the server should contain	gen_text_input	
Cores Enabled	Enter the minimum number of enabled cores the server should contain	gen_text_input	

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity

Select UCS Global Service Profile

Summary

Select an existing global service profile from UCS Central

Description

This task selects an existing global service profile from UCS Central.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a UCS global service profile	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

Output	Description	Type
ALL_SERVICEPROFILE_NAMES	DN of the Service Profiles on which the selected operation was performed	ucs_service_profile
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
BLADE_BOOT_POLICY	Name of the server boot policy that was used for creating service profile	ucsBootPolicy Identity
SP_BOOT_POLICY	Name of new Boot Policy created	ucsBootPolicy Identity
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName
UCS_CENTRAL_ORGANIZATION_IDENTITY	UCS Central Organization Identity	UCS_CENTRAL_ORGANIZATION_IDENTITY
BOOT_POLICY_IDENTITY	UCS Central Boot Policy Identity	ucsBootPolicy Identity
OP_CSV_SP_VHBAs	Comma separated Names and WWPNs of the VHBA that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA1	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma1@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA2	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhma2@20:00:00:25:b5:00:aa:a1)	gen_text_input

Output	Description	Type
SP_VHBA3	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba3@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA4	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA5	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA6	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA7	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA8	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA9	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VHBA10	Name and WWPN of the virtual Host Bus Adapter that was created as part of service profile. (Example: vhba4@20:00:00:25:b5:00:aa:a1)	gen_text_input
SP_VSAN1	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1@120)	gen_text_input
SP_VSAN2	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2@120)	gen_text_input
SP_VSAN3	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3@120)	gen_text_input
SP_VSAN4	Name and ID of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4@120)	gen_text_input
SP_VHBA1_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan1)	gen_text_input
SP_VHBA2_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan2)	gen_text_input
SP_VHBA3_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan3)	gen_text_input
SP_VHBA4_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan4)	gen_text_input

Output	Description	Type
SP_VHBA5_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan5)	gen_text_input
SP_VHBA6_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan6)	gen_text_input
SP_VHBA7_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan7)	gen_text_input
SP_VHBA8_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan8)	gen_text_input
SP_VHBA9_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan9)	gen_text_input
SP_VHBA10_VSAN	Name of the virtual Storage Area Network that was created as part of service profile. (Example: vsan10)	gen_text_input
OUTPUT_SERVICE_PROFILE_WWN_LIST	Comma separated Names and WWNs of the VHBA that was created as part of service profile. (Example: vhb1@20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a1)	gen_text_input
OUTPUT_VMWARE_HOST_IPADDRESS	VMWare Host IP Address	gen_text_input
OUTPUT_SP_VHBA1_WWN	WWN of the virtual Host Bus Adapter 1 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA2_WWN	WWN of the virtual Host Bus Adapter 2 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA3_WWN	WWN of the virtual Host Bus Adapter 3 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA4_WWN	WWN of the virtual Host Bus Adapter 4 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA5_WWN	WWN of the virtual Host Bus Adapter 5 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA6_WWN	WWN of the virtual Host Bus Adapter 6 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA7_WWN	WWN of the virtual Host Bus Adapter 7 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA8_WWN	WWN of the virtual Host Bus Adapter 8 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input

Output	Description	Type
OUTPUT_SP_VHBA9_WWN	WWN of the virtual Host Bus Adapter 9 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
OUTPUT_SP_VHBA10_WWN	WWN of the virtual Host Bus Adapter 10 that was created as part of service profile. (Example: 20:00:00:25:b5:00:aa:a1:20:00:00:25:b5:00:aa:a0)	gen_text_input
SERVICEPROFILE_NAME	DN of the Service Profile on which the selected operation was performed	ucs_service_profile
SERVICE_PROFILE_NAME	Name of the Service Profile on which the selected operation was performed	gen_text_input
ALL_SERVICE_PROFILE_NAMES	Name of the Service Profiles on which the selected operation was performed	gen_text_input
SP_VNIC1	Name of Service Profile vNIC.	gen_text_input
SP_VNIC2	Name of Service Profile vNIC.	gen_text_input
SP_VNIC3	Name of Service Profile vNIC.	gen_text_input
SP_VNIC4	Name of Service Profile vNIC.	gen_text_input
SP_VNIC5	Name of Service Profile vNIC.	gen_text_input
SP_VNIC6	Name of Service Profile vNIC.	gen_text_input
SP_VNIC7	Name of Service Profile vNIC.	gen_text_input
SP_VNIC8	Name of Service Profile vNIC.	gen_text_input
SP_VNIC9	Name of Service Profile vNIC.	gen_text_input
SP_VNIC10	Name of Service Profile vNIC.	gen_text_input
OUTPUT_SP_VNIC_IDENTITY1	vNIC Identity of service profile's vNIC 1 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY2	vNIC Identity of service profile's vNIC 2 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY3	vNIC Identity of service profile's vNIC 3 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY4	vNIC Identity of service profile's vNIC 4 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY5	vNIC Identity of service profile's vNIC 5 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY6	vNIC Identity of service profile's vNIC 6 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY7	vNIC Identity of service profile's vNIC 7 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY8	vNIC Identity of service profile's vNIC 8 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity

Output	Description	Type
OUTPUT_SP_VNIC_IDENTITY9	vNIC Identity of service profile's vNIC 9 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
OUTPUT_SP_VNIC_IDENTITY10	vNIC Identity of service profile's vNIC 10 that was created as part of service profile/service profile template.	ucsCentralServiceProfilevNICIdentity
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity
OUTPUT_UCS_BLADE_MAC_ADDRESS	MAC Address of the UCS Server to which Service Profile is associated.	gen_text_input
SP_VNIC1_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC2_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC3_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC4_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC5_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC6_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC7_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC8_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC9_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VNIC10_MAC	vNIC's MAC Address that was created as part of service profile.	gen_text_input
SP_VHBA1_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA2_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA3_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA4_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA5_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA6_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA7_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA8_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
SP_VHBA9_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input

Output	Description	Type
SP_VHBA10_WWPN	vHBA's WWPN that was created as part of service profile.	gen_text_input
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity
UCS_CENTRAL_SERVER_OUTBAND_MGMT_IP_ADDRESS	UCS Central Server Outband Management IP address	gen_text_input
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity

Ucs Central User Acknowledge Activities

Summary

Acknowledge the pending activities in UCS Central account.

Description

This task acknowledges the pending activities in the UCS Central account.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Choose a UCS Central account from the list	ucsCentralIdentity	Y
Activities Under	Choose the components in UCS Central account for which to acknowledge pending activities		
Acknowledge All	Check to acknowledge all the pending activities. Uncheck to acknowledge by selecting individual activities.	Boolean	
Pending Activities	Choose one or more Pending activities from the list	ucsCentralMultiPendingActIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CENTRAL_IDENTITY	UCS Central Domain Identity	ucsCentralIdentity
CENTRAL_PENDING_ACTIVITY_IDENTITY	UCS Central Multi Pending Activity Identity	ucsCentralMultiPendingActIdentity

UnBind Global Service Profile Template vNIC from Template

Summary

Unbind a vNIC template from one or more vNICs in a global service profile Template.

Description

This task unbinds a vNIC template from vNICs in a UCS Central global service profile template. The inputs specify the GSP template and a multi-select list of its vNICs. Any bound vNIC templates are unbound from the selected vNICs.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile Template	Choose a global service profile template from the list	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	Y
Service Profile vNIC	Choose one or more service profile template vNICs to unbind	ucsCentralServiceProfilevNICIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity

UnBind Global Service Profile from Template

Summary

Unbind a service profile from a UCS Central Global service profile template.

Description

This task unbinds a service profile from a UCS Central global service profile template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY	UCS Central Service Profile Template Identity	UCS_CENTRAL_SERVICE_PROFILE_TEMPLATE_IDENTITY

UnBind Global Service Profile vNIC from Template

Summary

Unbind a global service profile vNIC from a vNIC template.

Description

This task unbinds a global service profile vNIC from a vNIC template.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose a global service profile from the list	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	Y
Service Profile vNIC	Choose one ore more service profile vNICs to unbind	ucsCentralServiceProfilevNICIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_SERVICE_PROFILE_IDENTITY	UCS Central Service Profile Identity	UCS_CENTRAL_SERVICE_PROFILE_IDENTITY
UCS_CENTRAL_SP_VNIC_IDENTITY	Output Ucs Central Service Profile vNIC Identity	ucsCentralServiceProfilevNICIdentity
UCS_CENTRAL_VNIC_TEMPLATE_IDENTITY	Output Ucs Central vNIC Template Identity	ucsCentralvNICTemplateIdentity

Ungroup Domain

Summary

Ungroup a domain.

Description

This task ungroups a domain in UCS Central.

Inputs

Input	Description	Mappable To Type	Mandatory
Domain	Select Domain	ucsCentralDomainIdentity	Y

Outputs

Output	Description	Type
UCS_CENTRAL_DOMAIN_IDENTITY	UCS Central Domain Identity	ucsCentralDomainIdentity

Unmanage UCS Central Servers

Summary

Move UCS Central servers to the Unmanaged state.

Description

This UCS task moves servers to Unmanaged state from Managed state.

Inputs

Input	Description	Mappable To Type	Mandatory
UCS Central Account	Choose a UCS central account from the list	ucsCentralIdentity	Y
UCS Domain	Choose a domain in the UCS central account	ucsCentralDomainIdentity	Y
Discovered Servers	Choose one or more servers from the list	UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY	

Outputs

Output	Description	Type
UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY	UCS Central Discovered Server Identity	UCS_CENTRAL_DISCOVERED_SERVER_IDENTITY

Unregister UCS Manager from Central

Summary

Unregister UCS Manager from UCS Central.

Description

This Task unregisters UCS Manager from UCS Central. Output of this task is the name of the account on which deregistration was performed.

Inputs

Input	Description	Mappable To Type	Mandatory
UCSM	Choose a UCS domain from the list	ucsAccountName	Y

Outputs

Output	Description	Type
ACCOUNT_NAME	Name of the Account on which the selected operation was performed	ucsAccountName



User and Group Tasks

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Add Group

Summary

Creates New User Group

Description

This task allows user to create User Group.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Enter a group name	gen_text_input	Y
Description	Enter a group description	gen_text_input	
Code	Enter a shorter name or code name for the group. Used in VM and hostname templates.	gen_text_input	
Contact Email	Enter a group contact email	gen_text_input	Y
First Name	Enter a group first name	gen_text_input	
Last Name	Enter a group last name	gen_text_input	
Phone	Enter a group phone	gen_text_input	
Address	Enter a group address	gen_text_input	
Group Share Policy	Provide a group share policy name	gen_text_input	
Allow Resource Assignment To Users	Create users with exclusive access to their resources. Resources can be assigned to users.		

Outputs

Output	Description	Type
OUTPUT_GROUP_NAME	Name of the group that was created by admin	gen_text_input
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_USER_GROUP	Group Created by admin	userGroup

Add Group Share Policy

Summary

Creates New Group Share Policy

Description

This task allows user to create Group Share Policy for MSP Organization or User Groups.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter a group share policy name	gen_text_input	Y
Policy Description	Enter a group share policy description	gen_text_input	
Msp Group Share Policy	Check this option if the policy is an MSP group share policy		
Select MSP Organization	Provide an MSP organization name	gen_text_input	
Select Groups	Provide a user group	cuic_multi_user_group_ID	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_NAME	Group Share Policy Name Created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_ID	Group Share Policy ID Created by admin	gen_text_input

Add Group To Group Share Policy

Summary

Add Group To Group Share Policy

Description

This task allows user to add group to Group Share Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Provide a group share policy name	gen_text_input	Y
Select Group	Choose a user group	userGroup	Y

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_NAME	Group Share Policy Name Created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_ID	Group Share Policy ID Created by admin	gen_text_input

Add Resource Limits to Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Group	Provide a user group	gen_text_input	Y
Maximum Active VM Count	Provide a maximum active VM count	gen_text_input	
Maximum Total VM Count	Provide a maximum total VM count	gen_text_input	
Maximum Total VDC Count	Provide a maximum total vDC count	gen_text_input	
Total number of provisioned VCPUs limit	Provide a total number of provisioned VCPUs limit	gen_text_input	
Total Provisioned Memory Limit in GB	Provide a total provisioned memory limit in GB	gen_text_input	
Total Provisioned Disk Limit in GB	Provide a total provisioned disk limit in GB	gen_text_input	
Total Reserved CPU Limit in GHz	Provide a total reserved CPU limit in GHz	gen_text_input	
Total Reserved Memory Limit in GB	Provide a total reserved memory limit in GB	gen_text_input	
Total Snapshot File Size Limit in GB	Provide a total snapshot file size limit in GB	gen_text_input	
Maximum Physical Server Count	Provide a maximum physical server count	gen_text_input	
Maximum Full Width Physical Server Count	Provide a maximum full width physical server count	gen_text_input	
Maximum Half Width Physical Server Count	Provide a maximum half width physical server count	gen_text_input	
Count CPU and Memory for Inactive VMs	Provide a count CPU and memory for inactive VMs	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup

Add User

Summary

Creates New User

Description

This task allows to create new User.

Inputs

Input	Description	Mappable To Type	Mandatory
User Type	Provide a user type	gen_text_input	Y
Login Name	Enter a login user name	gen_text_input	Y
Password	Enter a password	password	Y
Confirm Password	Enter a Confirm password	password	Y
User Contact Email	Enter a user contact email	gen_text_input	Y
First Name	Enter a first name of the login user	gen_text_input	
Last Name	Enter a last name of the login user	gen_text_input	
Phone	Enter a phone number	gen_text_input	
Address	Enter a user address	gen_text_input	
Locale	Choose the locale	locale	

Outputs

Output	Description	Type
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Add User Access Profile

Summary

Creates New User Access Profile

Description

This task allows user to create user access profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
Name	Enter a profile name	gen_text_input	Y
Description	Enter a profile description	gen_text_input	
Type	Provide the access level of the profile	gen_text_input	Y
Show Own Resources	Select this option to allow the user to see his own resources		
Show Resources From All Groups The User Has Access	Select this option to allow the user to see resources in all groups they have access to		
Shared Groups	Choose a shared groups		
Default Profile	Check this option to make this profile the default access profile for the user		

Outputs

Output	Description	Type
OUTPUT_USER_ACCESS_PROFILE_NAME	Name of the user access profile that was created by admin	gen_text_input
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Assign CUIC VLAN to Group

Summary

Assign a VLAN to a Group local to the UCSD appliance.

Description

This task assigns a VLAN to a local group. A group is a logical grouping of resources. All users within the group have access to the assigned VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter Name	Choose the device name	datacenterName	Y
VLAN ID	Choose the VLAN	vlanID	Y
Assign To Users	Check to assign the VLAN to a user		
User Group ID	Provide a user group ID	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DATACENTER_NAME	Datacenter Name	datacenterName
OUTPUT_VLAN_ID	VLAN ID	vlanID

Assign EMC VNX Block Storage Pool to User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Select the Block Storage Pool to UCSD Group.	emcBlockStoragePool Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_BLOCK_STORAGE_POOL_IDENTITY	Storage Pool For Block Identity	emcBlockStoragePool Identity

Assign EMC VNX File Storage Pool to User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Select the File Storage Pool to be assigned to UCSD Group.	emcStoragePoolIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_POOL_IDENTITY	Storage Pool Identity.	emcStoragePoolIdentity

Assign EMC VNX LUN to User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
LUN	Please Select a LUN	emcLUNIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter Comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_LUN_IDENTITY	LUN Identity	emcLUNIdentity

Assign EMC VNX RAID Group to User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Raid Group	Please Select a Raid Group	emcRAIDGroupIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter Comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_RAID_GROUP_IDENTITY	RAID Group Identity	emcRAIDGroupIdentity

Assign EMC VNX Volume to User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Volume	Please Select a Volume	emcVolumeIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter Comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VOLUME_IDENTITY	Volume Identity.	emcVolumeIdentity

Assign NetApp Cluster Aggregate to User Group

Summary

Assign a cluster aggregate to a Group local to the UCSD appliance.

Description

A group is a logical grouping of resources. A cluster aggregates can be assigned to a Group. All users within this Group have access to the assigned aggregates.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Select an aggregate to which disk(s) to be added	aggregateClusterIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Assign NetApp Cluster SVM to Group

Summary

Assign a NetApp Cluster to a Group local to the UCSD appliance

Description

A group is a logical grouping of resources. A SVM can be assigned to a Group. All users within this Group have access to the assigned SVM.

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Select the SVM that needs to be assigned to a UCSD Group.	netappClusterVServer Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Assign NetApp Cluster Volume to User Group

Summary

Assign a cluster volume to a Group local to the UCSD appliance.

Description

A group is a logical grouping of resources. A cluster volume can be assigned to a Group. All users within this Group have access to the assigned volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume that needs to be destroyed.	netappClusterVolume Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Assign NetApp vFiler to Group

Summary

Assign a vFiler to a Group local to the UCSD appliance.

Description

A group is a logical grouping of resources. A vFiler can be assigned to a Group. All users within this Group have access to the assigned vFiler.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select the vfiler that needs to be assigned to a UCSD Group.	vFilerIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Assign UCS Central Server to Group

Summary

Assign a server from a UCS Central account to a group.

Description

This task assigns a selected server in a UCS Central account to a user group.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Select UCS Central server to assign it to a group	ucsCentralServerIdentity	Y
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
UCS_CENTRAL_SERVER_IDENTITY	UCS Server Identity	ucsCentralServerIdentity

Assign UCS Server to Group

Summary

Assign a UCS server to a user Group.

Description

This task assigns a UCS server to a User group.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the servers	ucsServerIdentity	Y
User Group ID	Choose the user group	userGroup	Y
Comments	Enter Comments	gen_text_input	

Outputs

Output	Description	Type
SERVER_IDENTITY	UCS Server Identity	ucsServerIdentity

Assign UCS Service Profile to Group

Summary

Assign a service profile to a group.

Description

This task assigns a service profile to a group local to the UCSD appliance. A group is a logical grouping of resources. All users within this group have access to the assigned service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Select UCSM service profile to assign it to a group	ucsServiceProfileIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to.	userGroup	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
SERVICE_PROFILE_IDENTITY	UCS Service Profile Identity	ucsServiceProfileIdentity

Catalog Dashboard Configuration

Summary

Configure catalog setup by Group.

Description

This task is used to configure the eligible Catalog in End-User Dashboard page.

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a group name		Y
Catalog List	Choose a one or more catalog		

Outputs

No Outputs

Clone Group Share Policy

Summary

Clones Group Share Policy.

Description

This task allows user to clone Existing Group Share Policy for an MSP organization or user group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Provide a group share policy name	gen_text_input	Y
Policy Name	Enter a group share policy name	gen_text_input	Y
Policy Description	Enter a group share policy description	gen_text_input	
Msp Group Share Policy	Check this option if the policy is an MSP group share policy		
Select MSP Organization	Provide an MSP organization name	gen_text_input	
Select Groups	Provide a user group	cuic_multi_user_group_ID	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_NAME	Group Share Policy Name Created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_ID	Group Share Policy ID Created by admin	gen_text_input

Configure Resource Limits to Group

Summary

Add resource limits to the Group

Description

This task allows you to add resource limit to the group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Group	Provide a user group to apply resource limits	gen_text_input	Y
Maximum Active VM Count	Provide a maximum active VM count	gen_text_input	
Maximum Total VM Count	Provide a total VM count	gen_text_input	
Maximum Total VDC Count	Provide a maximum total vDC count	gen_text_input	
Total number of provisioned VCPUs limit	Provide a total number of provisioned VCPUs limit	gen_text_input	
Total Provisioned Memory Limit in GB	Provide a provisioned memory limit in GB	gen_text_input	
Total Provisioned Disk Limit in GB	Provide a provisioned disk limit in GB	gen_text_input	
Total Reserved CPU Limit in GHz	Provide a reserved CPU limit in GHz	gen_text_input	
Total Reserved Memory Limit in GB	Provide a total reserved memory limit in GB	gen_text_input	
Total Snapshot File Size Limit in GB	Provide a total snapshot file size limit in GB	gen_text_input	
Maximum Physical Server Count	Provide a maximum physical server count	gen_text_input	
Maximum Full Width Physical Server Count	Provide a maximum full width physical server count	gen_text_input	
Maximum Half Width Physical Server Count	Provide a maximum half width physical server count	gen_text_input	
Count CPU and Memory for Inactive VMs	Provide a count CPU and memory for inactive VMs	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup

Create MSP Organization

Summary

Create MSP Organization

Description

This task allows user to create new MSP organization. (Note: This task is applicable only when service provider feature is enabled.)

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Provide an MSP organization name	gen_text_input	Y
Description	Enter an MSP organization description	gen_text_input	
Code	Enter a shorter name or code name for the MSP organization. Used in VM and hostname templates.	gen_text_input	
Contact Email	MSP organization contact email	gen_text_input	Y
First Name	Enter a first name	gen_text_input	
Last Name	Enter a last name	gen_text_input	
Phone	Enter a phone number	gen_text_input	
Address	Enter a address	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_MSP_ORG_NAME	Name of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_USER_GROUP	MSP Created by admin	userGroup

Dashlet Configuration

Summary

Configure DashLet by Group

Description

This task is used to configure dashlet for the group. Using this task we can configure eligible dashlets(VMS,UCS SERVERS,ORDERS,CATALOGS,APPROVALS), Count, Color and other dashlet related customization.

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a group name	gen_text_input	Y
Dashlet Configuration	Provide Dashlet configuration Details		
Publish to end users	Check to publish Dashlet to End-user	Boolean	

Outputs

No Outputs

Delete Group

Summary

Deletes Group

Description

This task allows to delete Group.

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a user group	gen_text_input	Y

Outputs

No Outputs

Delete Group From Group Share Policy

Summary

Delete Group From Group Share Policy

Description

This task allows user to delete a group from Group Share Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Provide a group share policy name	gen_text_input	Y
Select Group	Choose a user group	userGroup	Y

Outputs

No Outputs

Delete Group Share Policy

Summary

Deletes given group share policy

Description

This task allows user to delete a group share policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Group Share Policy	Provide a group share policy name	gen_text_input	Y

Outputs

No Outputs

Delete User

Summary

Deletes User

Description

This task allows to delete User.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y

Outputs

No Outputs

Delete User Access Profile

Summary

Remove User Access Profile

Description

This task allows user to delete user access profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
Name	Provide a profile name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_USER_ACCESS_PROFILE_NAME	Name of the user access profile that was created by admin	gen_text_input
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Disable All the Users In Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a user group	gen_text_input	Y

Outputs

No Outputs

Disable All the Users In MSP Org

Summary

Disable All the Users In MSP Org

Description

This task allows user to disable the all enabled users in the MSP Organization. (Note: This task is applicable only when service provider feature is enabled.)

Inputs

Input	Description	Mappable To Type	Mandatory
MSP Organization ID	Provide an MSP organization name	gen_text_input	Y

Outputs

No Outputs

Disable User

Summary

Disable User.

Description

This task allows to disable an existing User whose account has been enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y

Outputs

No Outputs

Enable All the Users In Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a user group	gen_text_input	Y

Outputs

No Outputs

Enable All the Users In MSP Org

Summary

Enable All the Users In MSP Org

Description

This task allows user to enable the all disabled users in the MSP Organization. (Note: This task is applicable only when service provider feature is enabled.)

Inputs

Input	Description	Mappable To Type	Mandatory
MSP Organization ID	Provide an MSP organization name	gen_text_input	Y

Outputs

No Outputs

Enable User

Summary

Enable User.

Description

This task allows to enable an existing User whose account has been disabled.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y

Outputs

No Outputs

GroupMembership API

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select User	Select User	cuic_user_ID	Y

Outputs

No Outputs

Modify Group

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
User Group ID	Provide a group name	gen_text_input	Y
Description	Enter a group description	gen_text_input	
Code	Enter a shorter name or code name for the group. Used in VM and hostname templates.	gen_text_input	
Cost Center	Enter a cost center	gen_text_input	
Contact Email	Enter a group contact email	gen_text_input	Y
First Name	Enter a group first name	gen_text_input	
Last Name	Enter a group last name	gen_text_input	
Phone	Enter a group phone	gen_text_input	
Address	Enter a group address	gen_text_input	
Group Share Policy	Provide a group share policy name	gen_text_input	
Allow Resource Assignment To Users	Create users with exclusive access to their resources. Resources can be assigned to users.		

Outputs

Output	Description	Type
OUTPUT_GROUP_NAME	Name of the group that was created by admin	gen_text_input
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_USER_GROUP	Group Created by admin	userGroup

Modify Group Share Policy

Summary

Modify Group Share Policy

Description

This task allows user to modify Group Share Policy for MSP Organization or User Groups.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Provide a group share policy name	gen_text_input	Y
Policy Description	Enter a group share policy description	gen_text_input	
Msp Group Share Policy	Check this option if the policy is an MSP group share policy		
Select MSP Organization	Provide an MSP organization name	gen_text_input	
Select Groups	Provide a user group	cuic_multi_user_group_ID	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	ID of the group that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_NAME	Group Share Policy Name Created by admin	gen_text_input
OUTPUT_GROUP_SHARE_POLICY_ID	Group Share Policy ID Created by admin	gen_text_input

Modify MSP Organization

Summary

Modify MSP Organization

Description

This task allows user to modify existing MSP Organization. (Note: This task is applicable only when service provider feature is enabled.)

Inputs

Input	Description	Mappable To Type	Mandatory
MSP Organization ID	Provide an MSP organization name	gen_text_input	Y
Description	Enter an MSP organization description	gen_text_input	
Code	Enter a shorter name or code name for the MSP organization. Used in VM and hostname templates.	gen_text_input	
Contact Email	MSP organization contact email	gen_text_input	Y
First Name	Enter a first name	gen_text_input	
Last Name	Enter a last name	gen_text_input	
Phone	Enter a phone number	gen_text_input	
Address	Enter a address	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_MSP_ORG_NAME	Name of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_USER_GROUP	MSP Created by admin	userGroup

Modify User

Summary

Modifies the existing User

Description

This task allows you to modify the Login User details.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
User Type	Provide a user type	gen_text_input	Y
User Contact Email	Enter a user contact email	gen_text_input	Y
First Name	Enter a first name of the login user	gen_text_input	
Last Name	Enter a last name of the login user	gen_text_input	
Phone	Enter a phone number	gen_text_input	
Address	Enter a user address	gen_text_input	
Locale	Choose the locale	locale	

Outputs

Output	Description	Type
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Modify User Access Profile

Summary

Modifies User Access Profile

Description

This task allows user to modify user access profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
Name	Provide a profile name	gen_text_input	Y
Description	Enter a profile description	gen_text_input	
Type	Provide the access level of the profile	gen_text_input	Y
Show Own Resources	Select this option to allow the user to see his own resources		
Show Resources From All Groups The User Has Access	Select this option to allow the user to see resources in all groups they have access to		
Shared Groups	Choose a shared groups		
Default Profile	Check this option to make this profile the default access profile for the user		

Outputs

Output	Description	Type
OUTPUT_USER_ACCESS_PROFILE_NAME	Name of the user access profile that was created by admin	gen_text_input
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Modify User Password

Summary

Change the existing User Password

Description

This task allows you to change the login user password. This task is applicable for only "Local" type Login-User, not for "External" type users. This is deprecated and use Modify User Password Secured instead

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
New password for target user	Enter a new password for the target user	password	Y
Confirm password for target user	Enter a confirm password for the target user	password	Y

Outputs

Output	Description	Type
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Modify User Password Secured

Summary

Change the existing User Password

Description

This task allows you to change the login user password. This task is applicable for only "Local" type Login-User, not for "External" type users.

Inputs

Input	Description	Mappable To Type	Mandatory
User Name	Provide a login user name	gen_text_input	Y
Enter your password	Enter a your password	password	Y
New password for target user	Enter a new password for the target user	password	Y
Confirm password for target user	Enter a confirm password for the target user	password	Y

Outputs

Output	Description	Type
OUTPUT_USER_NAME	Name of the user that was created by admin	gen_text_input

Remove EMC VNX Block Storage Pool from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Name	Select the Storage Pool that needs to be removed from a UCSD Group.	emcBlockStoragePool Identity	Y
Enter comments	Enter comments	gen_text_input	
Are you sure you want to unassign storage pool from UCSD group ?	Storage pool unassign warning message		Y

Outputs

No Outputs

Remove EMC VNX File Storage Pool from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
File Storage Pool Name	Select the File Storage Pool that needs to be removed from a UCSD Group.	emcStoragePool Identity	Y
Enter comments	Enter comments	gen_text_input	
Are you sure you want to unassign file storage pool from UCSD group ?	File Storage pool unassign warning message		Y

Outputs

No Outputs

Remove EMC VNX LUN from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Name	Select the LUN that needs to be assigned to a UCSD Group.	emcLUNIdentity	Y
Comments	Enter Comments	gen_text_input	
Are you sure you want to unassign lun from UCSD group ?	Raid group unassign warning message		Y

Outputs

No Outputs

Remove EMC VNX RAID Group from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Raid Group Name	Select the Raid Group that needs to be assigned to UCSD Group.	emcRAIDGroup Identity	Y
Comments	Enter Comments	gen_text_input	
Are you sure you want to unassign raid group from UCSD group ?	Raid group unassign warning message		Y

Outputs

No Outputs

Remove EMC VNX Volume from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the volume that needs to be assigned to UCSD Group.	emcVolumeIdentity	Y
Action Volume	Enter Comments	gen_text_input	
Are you sure you want to unassign volume from UCSD group ?	volume unassign warning message		Y

Outputs

Output	Description	Type
OUTPUT_VOLUME_IDENTITY	Volume Identity.	emcVolumIdentity

Remove MSP Organization

Summary

Remove MSP Organization

Description

This task allows user to delete existing MSP Organization. (Note: This task is applicable only when service provider feature is enabled.)

Inputs

Input	Description	Mappable To Type	Mandatory
MSP Organization ID	Provide an MSP organization name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_MSP_ORG_NAME	Name of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_ORG_ID	ID of the MSP that was created by admin	gen_text_input
OUTPUT_MSP_USER_GROUP	MSP Created by admin	userGroup

Remove NetApp vFiler from Group

Summary

Unassign a vFiler from a Group local to the UCSD appliance.

Description

This task unassigns the vFiler from the selected group. Users within the selected group can no longer access the vFiler.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select the vfiler that needs to be assigned to a UCSD Group.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Set User Disable Time

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Login Name	Provide a login user name	gen_text_input	Y
User Disable Date	Set the login user disable date and time	date_time	Y

Outputs

No Outputs

UnAssign NetApp Cluster SVM from User Group

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
SVM Name	Select the SVM that needs to be unassigned from a UCSD Group.	netappClusterVServerIdentity	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Unassign CUIC VLAN from Group

Summary

Unassign a VLAN from a Group local to the UCSD appliance.

Description

This task unassigns a VLAN from the selected group. Users within the selected group can no longer access the VLAN.

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter Name	Choose the device name	datacenterName	Y
VLAN ID	Choose the VLAN	vlanID	Y

Outputs

No Outputs

Unassign NetApp Cluster Aggregate from User Group

Summary

Unassign a cluster aggregate from a Group local to the UCSD appliance.

Description

This task unassigns the cluster aggregate from the selected group. Users within the selected group can no longer access the aggregates.

Inputs

Input	Description	Mappable To Type	Mandatory
Aggregate Name	Select an aggregate to which disk(s) to be added	aggregateClusterIdentity	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Unassign NetApp Cluster Volume from User Group

Summary

Unassign a cluster volume from a Group local to the UCSD appliance.

Description

This task unassigns the cluster volume from the selected group. Users within the selected group can no longer access the volumes.

Inputs

Input	Description	Mappable To Type	Mandatory
Volume Name	Select the Volume that needs to be destroyed.	netappClusterVolumeIdentity	Y
Comments	Enter comments	gen_text_input	

Outputs

No Outputs

Unassign Resource from Service End User

Summary

Unassign Resource from Service End User.

Description

This task helps removing Resources from Service End User.

Inputs

Input	Description	Mappable To Type	Mandatory
Select User	Select User	cuic_user_ID	Y
Resource details	Select Resource to Unassign		

Outputs

No Outputs

Unassign UCS Central Server from Group

Summary

Remove a server managed by a UCS Central account from a user group.

Description

This task removes a server managed by a UCS Central account from a user group.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Choose the UCS server to unassign from a group	ucsCentralServerIdentity	Y

Outputs

No Outputs

Unassign UCS Server from Group

Summary

Unassign a UCS server from a user group.

Description

This task unassigns a UCS server from a user group.

Inputs

Input	Description	Mappable To Type	Mandatory
Server	Select UCSM server to Unassign from group	ucsServerIdentity	Y

Outputs

No Outputs

Unassign UCS Service Profile from Group

Summary

Unassign a service profile from a group.

Description

This task unassigns the service profile from a group local to the UCSD appliance. Users within the selected group can no longer access the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Service Profile	Choose the UCSM service profile to disassociate from the list	ucsServiceProfileIdentity	Y

Outputs

No Outputs



VCE Vision Intelligent Operations Tasks

This chapter contains the following sections:

- [Get Compliance Score for a Vblock Pod, on page 3412](#)

Get Compliance Score for a Vblock Pod

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Pod	Select Vblock Pod to get Compliance Score	VCEVisionIntelligentOperationsPodIdentity	Y
Minimum Score	Enter Minimum Score for the selected Vblock Pod	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VCE_VISION_INTELLIGENT_OPERATIONS_POD_IDENTITY	VCE Vision Intelligent Operations Pod Identity.	VCEVisionIntelligentOperationsPodIdentity
OUTPUT_VCE_VISION_INTELLIGENT_OPERATIONS_DEFAULT_PROFILE_IDENTITY	VCE Vision Intelligent Operations Default Profile Identity.	VCEVisionIntelligentOperationsDefaultProfileIdentity
OUTPUT_VCE_VISION_INTELLIGENT_OPERATIONS_DEFAULT_PROFILE_SCORE	VCE Vision Intelligent Operations Default Profile Score.	VCEVisionIntelligentOperationsProfileScore
OUTPUT_VCE_VISION_INTELLIGENT_OPERATIONS_DEFAULT_PROFILE_MINIMUM_SCORE	VCE Vision Intelligent Operations Default Minimum Score.	VCEVisionIntelligentOperationsProfileMinimumScore



VDC Provisioning

This chapter contains the following sections:

- [Approvers and Contacts, on page 3414](#)

Approvers and Contacts

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
First Approver Username	Enter Username for the First Approver		
Second Approver Username	Enter Username for the Second Approver		
Approval required from all the users	The checkbox must be enabled, if approval is required from all the users. Else any one user's approval is enough		
Number of Approval Request Reminders	Number of reminder emails to be sent - 0 represents infinite number of reminders till the request is approved/rejected		Y
Reminder Intervals (Hours)	Time interval to send the next approval request reminder email		Y
Provider Support Email Address	Enter e-mail address for the support contact (Provider Organization)		
Copy Notifications to Email Address	Enter e-mail address for the customer/group contact		

Outputs

No Outputs



VMware Datacenter Tasks

This chapter contains the following sections:

- [Create VMware Datacenter, on page 3416](#)
- [Remove VMware Datacenter, on page 3417](#)

Create VMware Datacenter

Summary

Creates new Datacenter on selected vCenter account.

Description

This task creates new datacenter on selected vCenter account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new cluster.	vmwareAccountName	Y
Datacenter Name	Enter the Datacenter name to create the new Datacenter.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName

Remove VMware Datacenter

Summary

Remove a datacenter from a vCenter account.

Description

This task removes an existing datacenter from a vCenter account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new cluster.	vmwareAccountName	Y
Datacenter Name	Select the Datacenter name in which the cluster need to be created.	datacenterName	Y

Outputs

No Outputs



VMware Host Tasks

This chapter contains the following sections:

- [Add Datastore to VMWare Datastore Cluster, on page 3421](#)
- [Add HostNode to vFiler NFS Export, on page 3422](#)
- [Add Hosts to VMWare dvSwitch, on page 3423](#)
- [Apply VMware Host Profile, on page 3424](#)
- [Assign Resource Pool to Group, on page 3425](#)
- [Assign VMWare VMs from Resource Pool to VDC, on page 3426](#)
- [Assign VMware Datastore Cluster to Group, on page 3427](#)
- [Assign VMware Datastore to Group, on page 3428](#)
- [Associate Hosts to DVSwitch, on page 3429](#)
- [Attach Host to VMware Host Profile, on page 3430](#)
- [Cleanup Host, on page 3431](#)
- [Collect VMware Host Profile Inventory, on page 3432](#)
- [Collect VMware Inventory, on page 3433](#)
- [Collect VMware Object Inventory, on page 3434](#)
- [Configure VMware Host Security Profile, on page 3435](#)
- [Create Datastore Cluster DRS Rule, on page 3436](#)
- [Create Resource Pool, on page 3437](#)
- [Create TCP/IP stack on VMWare Host, on page 3439](#)
- [Create VMware Cluster, on page 3440](#)
- [Create VMware DRS Group, on page 3441](#)
- [Create VMware DRS Rule, on page 3442](#)
- [Create VMware Datastore Cluster, on page 3443](#)
- [Create VMware Host Profile, on page 3444](#)
- [Delete Datastore Cluster, on page 3445](#)
- [Delete VMware DRS Group, on page 3446](#)
- [Delete VMware DRS Rule, on page 3447](#)
- [Delete VMware Datastore Cluster DRS Rule, on page 3448](#)
- [Delete VMware Host Profile, on page 3449](#)
- [Destroy VMWare Resource Pool, on page 3450](#)
- [Detach VMware Host from Host Profile, on page 3451](#)
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Add Datastore to VMWare Datastore Cluster

Summary

Adds a datastore to a datastore cluster.

Description

This task adds a datastore to a datastore cluster. When you add a datastore to a datastore cluster, the datastore's resources become part of the datastore cluster's resources.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreClusterIdentity	Y
Datastores	Select the datastores	vmwareMultiDatastoreIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
DATASTORE_NAME	VMware Datastore Name	vmwareDatastoreName
DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity

Add HostNode to vFiler NFS Export

Summary

Add host node to the NFS Export rule to access the volume.

Description

This task will add the selected host node to the NFS Export rule of the selected export path and give permissions to access the volume. This task will work for both ONTAP and OnCommand accounts.

Inputs

Input	Description	Mappable To Type	Mandatory
Export Path	Enter the path that will be exported to NFS clients.	gen_text_input	
Actual Path	Enter the actual path mounted when the NFS client mounts the exported path.	vFilerVolumeIdentity	Y
Select Host	Select the Host for which action need to be performed	vmwareHostMulti Select	Y
PortGroup Type	Specify type of Port Group in use : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
vLan Id	Enter vLan Id.	vlanID	Y
Security	Select the security flavors that apply for this export.	gen_text_input	Y
Persist NFS Export Rule	Check this option to persist NFS Export rule.		Y
nosuid	nosuid		

Outputs

Output	Description	Type
NFS_EXPORT_PATH	NFS Export Path	gen_text_input
VFILER_NAME	vFiler Name	gen_text_input

Add Hosts to VMWare dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name.	gen_text_input	Y
Datacenter Name	Select the Datacenter name .	datacenterName	Y
DVSwitch Name	Select the DVSwitch to which hosts need to added.	gen_text_input	Y
Select Hosts	Select Hosts to be added to the dv Switch.	vmwareHostMultiSelect	Y
uplinkPortGroup Name	Select the uplink PortGroup to which free host PNICs need to be migrated to.	uplinkPortGroupLovList	Y
Associate free PNICs	Associate free PNICs		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_HOST_LIST	Comma-separated hosts.	vmwareHostMultiSelect
OUTPUT_VDS_UPLINK_PORTGROUP_NAME	VMware DVSwitch Uplink Port Group	uplinkPortGroupLovList

Apply VMware Host Profile

Summary

Applies a host profile to a host.

Description

This task applies a host profile to a host.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name on which host profile to be applied	gen_text_input	Y
Host Profile Name	Select Host Profile Name	vmwareHostProfileName	Y
Attached Host	Select the host on which profile will be applied	vmwareHostNodeIdentity	Y

Outputs

Output	Description	Type
HOST_PROFILE_NAME	Host Profile Name	gen_text_input
HOST_PROFILE_IDENTITY	Host Profile Identity	vmwareHostProfileName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Assign Resource Pool to Group

Summary

Assigns a resource pool to a group local to the UCS Director appliance.

Description

This task assigns a resource pool to a group. A group is a logical grouping of resources. A resource pool can be assigned to a group. All users within the group have access to the assigned resource pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Pool	Select the resource pool name as parent.	gen_text_input	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to resource pool.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
RESOURCE_POOL_IDENTITY	Resource pool name identity	vmwareResourcePoolIdentity

Assign VMWare VMs from Resource Pool to VDC

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name	vmwareAccountName	Y
Resource Pool	Select the resource pool	vmwareResourcePoolIdentity	Y
vDC Name	Select vDC to which VMs to migrated	vDC	Y

Outputs

Output	Description	Type
RESOURCE_POOL_IDENTITY	Resource pool name identity	vmwareResourcePool Identity
OUTPUT_VDC	ID of the VDC on which the selected operation was performed	vDC

Assign VMware Datastore Cluster to Group

Summary

Assign datastore cluster to group.

Description

This task assigns a datastore cluster to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreCluster Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to datastore.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreCluster Identity

Assign VMware Datastore to Group

Summary

Assigns a datastore to a group local to the UCS Director appliance.

Description

This task assigns a datastore to a group. A group is a logical grouping of datastores. A datastore can be assigned to a group. All users within the group have access to the assigned datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Datastore	Select the datastore name as parent.	gen_text_input	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to datastore.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity

Associate Hosts to DVSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch to associate hosts.	VMwareDVSwitch Identity	Y
Select Host/Cluster	Select the Host/Cluster to perform operation.	vmwareHostorCluster	Y
Select Cluster	Select the Cluster to associate compatible hosts on cluster to DVSwitch.	vmwareClusterIdentity	Y
Select Host Node	Select the compatible Hosts to associate to DVSwitch.	vmwareHostNodeIdentity	Y
uplinkPortGroup Name	Select the uplink PortGroup to which free host PNICs need to be migrated to.	uplinkPortGroupLovList	Y
Associate free PNICs	Associate free PNICs		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_HOST_LIST	Comma-separated hosts.	vmwareHostMultiSelect
OUTPUT_VDS_UPLINK_PORTGROUP_NAME	VMware DVSwitch Uplink Port Group	uplinkPortGroupLovList
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Attach Host to VMware Host Profile

Summary

Attaches a host to a host profile.

Description

This task attaches a host to a host profile. The host profile can be applied to an attached host.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud	gen_text_input	Y
Select Host	Select the host to be attached to the host profile	vmwareHostNodeIdentity	Y
Select Host Profile	Select Host Profile to which Host to be attached	vmwareHostProfileName	Y

Outputs

Output	Description	Type
HOST_PROFILE_NAME	Host Profile Name	gen_text_input
HOST_PROFILE_IDENTITY	Host Profile Identity	vmwareHostProfileName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Cleanup Host

Summary

Clean up VCenter account-related details on a host.

Description

This task executes scripts on a host to remove cluster and VCenter account details.

Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter Name	Select VSAN Cluster	vsanVMwareDatacenter Identity	Y
Cluster	Enter Cluster Name	gen_text_input	Y
Host Node	Enter Host Node	gen_text_input	Y
Host User ID	Enter Host User ID	gen_text_input	Y
Host Password	Enter Host Password	password	Y

Outputs

No Outputs

Collect VMware Host Profile Inventory

Summary

Collect a host profile inventory.

Description

This task collects a VMware host profile inventory for an account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name.	gen_text_input	Y

Outputs

No Outputs

Collect VMware Inventory

Summary

Collect VMware inventory for cloud accounts.

Description

Collects VMware inventory for the selected cloud accounts. This task triggers cloud account inventory system task and waits for the task to complete. This task is deprecated. Instead, use Collect VMware Object Inventory without selecting any object type for full Inventory.

Inputs

Input	Description	Mappable To Type	Mandatory
VMware Account	Select VMware Accounts for which inventory need to be collected.	vmwareCloudNamesMulti SelectList	Y

Outputs

No Outputs

Collect VMware Object Inventory

Summary

Collect VMware inventory for the selected object types in a cloud account.

Description

This task collects VMware inventory for the selected objects in the cloud account. If only the account is selected and none of the object types are selected, then a full inventory is performed.

Inputs

Input	Description	Mappable To Type	Mandatory
VMware Account	Select VMware Account for which inventory need to be collected.	vmwareAccountName	
Datacenter	Datacenter		
Datastore Inventory	All Datastores for Inventory		
Datastore	Select the datastore for inventory, by default all of it is selected	vmwareMultiDatastore Identity	
Host Inventory	All Hosts for Inventory		
HostNode	Select the hostnode for inventory, by default all of it is selected	vmwareHostNode Identity	
Cluster Inventory	All Cluster for Inventory		
Cluster	Select the cluster for inventory, by default all of it is selected	vmwareMultiCluster Identity	
ResourcePool Inventory	All ResourcePool for Inventory		
ResourcePool	Select the resourcepool for inventory, by default all of it is selected	vmwareResourcePool MultiSelect	
DvSwitch Inventory	DvSwitch for Inventory		
DvSwitch	Select the dvswitch for inventory, by default all of it is selected	VMwareDVSwitch Identity	
Virtual Machine Inventory	Virtual Machine for Inventory		
Select VM	Select the VM, by default all of it is selected	multiVM	
VirtualSwitch Inventory	VirtualSwitch Inventory		
Select vSwitch	Select the vSwitch, by default all of it is selected	vmwareVSwitch Identity	

Outputs

No Outputs

Configure VMware Host Security Profile

Summary

Configure a VMware host security profile.

Description

This task configures security profiles such as SSH and ESXi SSH services for the VMware host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to be configured	vmwareHostNodeIdentity	Y
ESXi SSH Service	ESXi SSH Service	VMwareEnableDisableESXISsh	
SSH Service	SSH Service	VMwareEnableDisableSSH	
Startup Policy	Select Startup Policy	vmwareESXiShellStartupPolicy Selector	Y
Select Service	Select Service	vmwareESXiShellServicesSelector	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
HOST_NAME	Host Name	vmwareHostMultiSelect
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Create Datastore Cluster DRS Rule

Summary

Creates a datastore cluster DRS rule.

Description

This task creates a new VMware datastore cluster DRS rule.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Name of the Rule	gen_text_input	Y
Select Datastore Cluster	Select the datastore Cluster	vmwareDatastoreClusterIdentity	Y
Type	Select a type	vmwareDatastoreClusterRuleTypeSelector	
Status	Enable or Disable	vmwareDatastoreClusterRuleStatusSelector	
Select VMs	Select the VMs for which rule has to be applied	multiVM	Y
Select VM Disks	Select the VMs for which rule has to be applied	vmwareVMDiskIdentity	Y
Proceed with Conflicts	Proceed with Conflicts	vmwareDatastoreClusterProceedWithConflicts	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity
OUTPUT_DATASTORE_CLUSTER_RULE_NAME	Datastore Cluster Rule Name	gen_text_input
OUTPUT_DATASTORE_CLUSTER_RULE_IDENTITY	Datastore Cluster Rule Identity	vmwareDatastoreClusterRuleIdentity
OUTPUT_VM_IDS	VM IDs	gen_text_input
OUTPUT_VM_DISKS	VM Disks	gen_text_input

Create Resource Pool

Summary

Creates a new resource pool on the selected host node or cluster.

Description

This task creates a resource pool that provides a way to divide the resources of a stand-alone host or a cluster into smaller pools. A resource pool is configured with a set of CPU and memory resources that the virtual machines that run in the resource pool share. Virtual machines execute in, and draw their resources from, resource pools. This arrangement allows virtual machine workloads to continuously balance across resource pools. When the workload increases, The vCenter server automatically allocates additional resources and transparently migrates virtual machines between the hosts in the resource pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Parent Resource Pool	Select the resource pool name as parent.	gen_text_input	Y
Resource Pool Name	Enter new resource pool name	gen_text_input	Y
CPU Resource Shares	Select type of share	gen_text_input	Y
New CPU Resource Share	Enter new CPU resource share value	gen_text_input	Y
CPU Resource Reservation (MHz)	Enter reservation value	gen_text_input	Y
CPU Expandable Reservation	Choose CPU Expandable Reservation	gen_text_input	
CPU Resource Limit (MHz)	Enter CPU Resource Limit	gen_text_input	Y
CPU Resource Unlimited	Choose CPU Resource Unlimited	gen_text_input	
Memory Resource Shares	Select type of share	gen_text_input	Y
New Memory Resource Share	Enter new Memory resource share value	gen_text_input	Y
Memory Resource Reservation (MB)	Enter memory reservation value	gen_text_input	Y
Memory Expandable Reservation	Choose Memory Expandable Reservation	gen_text_input	
Memory Resource Limit (MB)	Enter Memory Resource Limit	gen_text_input	Y
Memory Resource Unlimited	Choose Memory Resource Unlimited	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input

Output	Description	Type
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
HOST_NAME	Host Name	vmHost
RESOURCE_POOL_NAME	Resource pool name	vmwareResourcePoolName
RESOURCE_POOL_IDENTITY	Resource pool name identity	vmwareResourcePoolIdentity

Create TCP/IP stack on VMWare Host

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host	Host	vmareHost	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y
TCP/IP Stack Name	TCP/IP Stack Name	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_TCPIP_STACK_IDENTITY	TCP/IP Stack Identity	vmwareHostTcpIpStackIdentity

Create VMware Cluster

Summary

Creates a VMware cluster.

Description

This task creates a VMware cluster on a datacenter.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new cluster.	vmware AccountName	Y
Datacenter Name	Select the Datacenter name in which the cluster need to be created.	datacenter Name	Y
Cluster Name	Enter cluster name to be created.	gen_text_input	Y
Enable DRS	On selecting this option DRS will be enabled on the cluster created.		
Automation Level	Automation Level		
Migration Threshold	vmotionRate - Ratings vary from 1 to 5		
Power Management	Power Management		
DPM Threshold	Power Action Rate - Ratings vary from 1 to 5		
Enable Admission Control	On selecting this option admission control will be enabled on the cluster created.		
Enable DAS	On selecting this option DAS will be enabled on the cluster created.		
DAS Option	Select the DAS option.		
DAS Option Value	Enter DAS option value.		
Swap File Location	SwapFile Policy for Virtual Machines		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Create VMware DRS Group

Summary

Adds a DRS group to a cluster.

Description

This task adds a DRS group to a cluster. It can be a group of VMs or hosts.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y
Name	Name of the Group	gen_text_input	Y
Type	Select a type	vmwareDRSGroupTypeSelector	
Select VM	Select the VMs for which rule has to be applied	multiVM	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_GROUP_NAME	DRS Group Name	gen_text_input
OUTPUT_DRS_GROUP_IDENTITY	DRS Group Identity	vmwareDRSGroupIdentity

Create VMware DRS Rule

Summary

Adds a DRS rule to a cluster.

Description

This task adds a VM affinity or anti-affinity (DRS) rule to a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y
Name	Name of the Rule	gen_text_input	Y
Type	Select a type	vmwareDRSRuleTypeSelector	
Status	Enable or Disable	vmwareDRSRuleStatusSelector	
Select VM	Select the VMs for which rule has to be applied	multiVM	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_RULE_NAME	DRS Rule Name	gen_text_input
OUTPUT_DRS_RULE_IDENTITY	DRS Rule Identity	vmwareDRSRuleIdentity

Create VMware Datastore Cluster

Summary

Creates a datastore cluster.

Description

This task creates a new datastore cluster. A datastore cluster is a group of datastores. The datastore cluster manages the resources of all datastores within it.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create Datastore cluster.	vmwareAccountName	Y
Datastore Cluster Name	Enter Datastore Cluster Name	gen_text_input	Y
Datacenter Name	Select the Datacenter name.	vmwareDatacenterName	Y
Datastores	Select the datastores	vmwareMultiDatastore Identity	Y
Enable Storage DRS	Enable Storage DRS	VMwareEnableStorageDRS	Y
Enable I/O metric for SDRS Recommendations	Enable I/O metric for SDRS Recommendations	VMwareEnableIO_METRIC	Y
Automation Level	Select the Automation Level	vmwareStorage DRSAutomationLevel	Y
Utilized Space(%)	Storage DRS Thresholds	gen_text_input	Y
I/O Latency(ms)	Storage DRS Thresholds	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreCluster Name
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreCluster Identity

Create VMware Host Profile

Summary

Creates a host profile from a host.

Description

This task creates a host profile from a reference host.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name on which host profile to be created	gen_text_input	Y
Host Profile Name	Enter Host Profile Name	gen_text_input	Y
Description	Enter Host Profile Description	gen_text_input	
Reference Host	Select the reference host	vmwareHostNodeIdentity	Y

Outputs

Output	Description	Type
HOST_PROFILE_NAME	Host Profile Name	gen_text_input
HOST_PROFILE_IDENTITY	Host Profile Identity	vmwareHostProfileName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Delete Datastore Cluster

Summary

Deletes a datastore cluster.

Description

This task deletes a datastore cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity

Delete VMware DRS Group

Summary

Deletes a DRS group from a cluster.

Description

This task deletes DRS group in a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DRS Group	Select DRS Group	vmwareDRSGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_GROUP_NAME	DRS Group Name	gen_text_input
OUTPUT_DRS_GROUP_IDENTITY	DRS Group Identity	vmwareDRSGroupIdentity

Delete VMware DRS Rule

Summary

Deletes a DRS rule from a cluster.

Description

This task deletes a VM affinity or anti-affinity (DRS) rule from a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DRS Rule	Select DRS Rule	vmwareDRSRuleIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_RULE_NAME	DRS Rule Name	gen_text_input
OUTPUT_DRS_RULE_IDENTITY	DRS Rule Identity	vmwareDRSRuleIdentity

Delete VMware Datastore Cluster DRS Rule

Summary

Delete a datastore cluster DRS rule.

Description

This task deletes a VMware datastore cluster DRS rule.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select the datastore Cluster	vmwareDatastoreClusterIdentity	Y
Select Rule	Select the VMs for which rule has to be applied	vmwareDatastoreClusterRule Identity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreCluster Name
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreCluster Identity
OUTPUT_DATASTORE_CLUSTER_RULE_NAME	Datastore Cluster Rule Name	gen_text_input
OUTPUT_DATASTORE_CLUSTER_RULE_IDENTITY	Datastore Cluster Rule Identity	vmwareDatastoreClusterRule Identity

Delete VMware Host Profile

Summary

Deletes a host profile from an account.

Description

This task deletes a host profile from a vCenter account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name	gen_text_input	Y
Select Host Profile	Select Host Profile to be deleted	vmwareHostProfileName	Y

Outputs

No Outputs

Destroy VMWare Resource Pool

Summary

Destroys the resource pool on the selected host or cluster.

Description

This task destroys the resource pool on the selected host or cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Resource Pool	Select the resource pool name to destroy.	gen_text_input	Y

Outputs

No Outputs

Detach VMware Host from Host Profile

Summary

Detaches a host from a host profile.

Description

This task detaches a host from a host profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud	gen_text_input	Y
Select Host Profile	Select Host Profile from which Host to be detached	vmwareHostProfileName	Y
Select Host	Select the host to be detached from the host profile	vmwareHostNodeIdentity	Y

Outputs

Output	Description	Type
HOST_PROFILE_NAME	Host Profile Name	gen_text_input
HOST_PROFILE_IDENTITY	Host Profile Identity	vmwareHostProfileName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Edit TCP/IP stack on VMWare Host

Summary

Edit a TCP/IP stack on a VMWare host

Description

This task modifies a TCP/IP stack on a VMWare host.

Inputs

Input	Description	Mappable To Type	Mandatory
TCP/IP Stack	Select TCP/IP Stack	vmwareHostTcpIpStack Identity	Y
Obtain Settings automatically from VMkernel Network Adapter	Obtain Settings automatically from VMkernel Network Adapter	Boolean	
VMkernel Network Adapter	Select the Host VMkernel Network Adapter	vmwarevmkNicIdentity	Y
Preferred DNS Server	Preferred DNS Server	gen_text_input	
Alternate DNS Server	Alternate DNS Server	gen_text_input	
Search Domains	Search Domains	gen_text_input	
VMkernel Gateway	VMkernel Gateway	gen_text_input	
IPv6 VMkernel Gateway	IPv6 VMkernel Gateway	gen_text_input	
Congestion Control Algorithm	Congestion Control Algorithm	vmwareCongestionControl AlgoTypeSelector	
Max. number of connections	Max. number of connections	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_TCPIP_STACK_IDENTITY	TCP/IP Stack Identity	vmwareHostTcpIpStackIdentity

Enable or Disable VMware VMDK Affinity Rule on VM

Summary

Enables or disables a VMDK affinity rule on a VM.

Description

This enables or disables a VMDK affinity Rule on a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select the datastore Cluster	vmwareDatastoreClusterIdentity	Y
Status	Enable or Disable	vmwareDatastoreClusterRuleStatusSelector	
Select VMs	Select the VMs for which rule has to be applied	multiVM	Y
Proceed with Conflicts	Proceed with Conflicts	vmwareDatastoreClusterProceedWithConflicts	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity
OUTPUT_VM_IDS	VM IDs	gen_text_input

Enable/Disable VMWare HA

Summary

Enable or disable HA.

Description

This task enables or disables high availability (HA).

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareCluster Identity	Y
Enable HA	Enable/Disable HA	Boolean	
Host Monitoring	Enable/Disable Host Monitoring		
Admission Control	Enable/Disable Admission Control		
Host Isolation Response	Host Isolation Response		
VM Monitoring	VM Monitoring		
Datastore Heartbeating	Datastore Heartbeating		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Enable/Disable VMware DRS

Summary

Enables or disables DRS on a cluster.

Description

This task turns on or turns off DRS on a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y
Enable DRS	Enable/Disable DRS	Boolean	
DRS Automation Level	Select DRS Automation Level		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Exit Host From VMware Maintenance Mode

Summary

Remove a host from maintenance mode.

Description

This task removes a Virtual SAN host from maintenance mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		vmwareAccountName	Y
Cluster		clusterList	Y
Host Node		vmareHost	Y

Outputs

No Outputs

Get UCS Service Profile vNICs associated to VMware Hosts

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host Selection Scope	Select an option	gen_text_input	Y
VMware Cluster	Select Cluster	vmwareClusterIdentity	Y
VMware Hosts	Select Hosts	vmwareHostMultiSelect	Y
Get vNICs connected to dv Uplink	Select this option to get vNICs connected to dvUplink.		
dvUplink Name	Select the dvUplinks.	VMwareDVSwitchIdentity	Y

Outputs

Output	Description	Type
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultivNICIdentity
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Marks disks as local for UCS Virtual SAN

Summary

Mark disks as local for a virtual SAN.

Description

This task marks a disk as local for a Virtual SAN. Inputs are a IP address, User ID, and password.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Modify VMware DRS Automation Level

Summary

Modifies the DRS automation level on a cluster.

Description

This task modifies the DRS automation level on a cluster. It can be Manual, Partially Automated, or Fully Automated.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y
DRS Automation Level	Select DRS Automation Level	vmwareDRSAutomationLevel	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Modify VMware DRS Group

Summary

Modifies a DRS group in a cluster.

Description

This task modifies a DRS group in a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DRS Group	Select DRS Group	vmwareDRSGroupIdentity	Y
Select VM	Select the VMs for which rule has to be applied	multiVM	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_GROUP_NAME	DRS Group Name	gen_text_input
OUTPUT_DRS_GROUP_IDENTITY	DRS Group Identity	vmwareDRSGroupIdentity

Modify VMware DRS Rule

Summary

Modifies a DRS rule in a cluster.

Description

This task modifies a VM affinity or anti-affinity (DRS) rule in a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DRS Rule	Select DRS Rule	vmwareDRSRuleIdentity	Y
Status	Enable or Disable	vmwareDRSRuleStatusSelector	
Select VM	Select the VMs for which rule has to be applied	multiVM	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_DRS_RULE_NAME	DRS Rule Name	gen_text_input
OUTPUT_DRS_RULE_IDENTITY	DRS Rule Identity	vmwareDRSRuleIdentity

Modify VMware Datastore Cluster

Summary

Modifies a datastore cluster.

Description

This task modifies a datastore cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreCluster Identity	Y
Enable Storage DRS	Enable Storage DRS	VMwareEnableStorageDRS	Y
Enable I/O metric for SDRS Recommendations	Enable I/O metric for SDRS Recommendations	VMwareEnableIO_METRIC	Y
Automation Level	Select the Automation Level	vmwareStorage DRSAutomationLevel	Y
Utilized Space(%)	Storage DRS Thresholds	gen_text_input	Y
I/O Latency(ms)	Storage DRS Thresholds	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreCluster Name
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreCluster Identity

Modify VMware Datastore Cluster DRS Rule

Summary

Modify a datastore cluster DRS rule.

Description

This task modifies a VMware datastore cluster DRS rule.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select the datastore Cluster	vmwareDatastoreClusterIdentity	Y
Select Rule	Select the VMs for which rule has to be applied	vmwareDatastoreClusterRule Identity	Y
Type	Select a type	vmwareDatastoreClusterRuleType Selector	
Status	Enable or Disable	vmwareDatastoreClusterRule StatusSelector	
Select VMs	Select the VMs for which rule has to be applied	multiVM	Y
Select VM Disks	Select the VMs for which rule has to be applied	vmwareVMDiskIdentity	Y
Proceed with Conflicts	Proceed with Conflicts	vmwareDatastoreClusterProceed WithConflicts	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreCluster Name
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreCluster Identity
OUTPUT_DATASTORE_CLUSTER_RULE_NAME	Datastore Cluster Rule Name	gen_text_input
OUTPUT_DATASTORE_CLUSTER_RULE_IDENTITY	Datastore Cluster Rule Identity	vmwareDatastoreClusterRule Identity
OUTPUT_VM_IDS	VM IDs	gen_text_input
OUTPUT_VM_DISKS	VM Disks	gen_text_input

Modify VMware Resource Pool

Summary

Modifies the resource pool on the selected host or cluster.

Description

This task modifies the resource pool on the selected host or cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Resource Pool	Select the resource pool name to modify.	gen_text_input	Y
Rename Resource Pool	Rename resource pool.	gen_text_input	
CPU Resource Shares	Select type of share	gen_text_input	Y
New CPU Resource Share	Enter new CPU resource share value	gen_text_input	Y
CPU Resource Reservation (MHz)	Enter reservation value	gen_text_input	Y
CPU Expandable Reservation	Choose CPU Expandable Reservation	gen_text_input	
CPU Resource Limit (MHz)	Enter CPU Resource Limit	gen_text_input	Y
CPU Resource Unlimited	Choose CPU Resource Unlimited	gen_text_input	
Memory Resource Shares	Select type of share	gen_text_input	Y
New Memory Resource Share	Enter new Memory resource share value	gen_text_input	Y
Memory Resource Reservation (MB)	Enter memory reservation value	gen_text_input	Y
Memory Expandable Reservation	Choose Memory Expandable Reservation	gen_text_input	
Memory Resource Limit (MB)	Enter Memory Resource Limit	gen_text_input	Y
Memory Resource Unlimited	Choose Memory Resource Unlimited	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
HOST_NAME	Host Name	vmHost
RESOURCE_POOL_NAME	Resource pool name	vmwareResourcePoolName

Output	Description	Type
RESOURCE_POOL_IDENTITY	Resource pool name identity	vmwareResourcePoolIdentity

Mount NFS Datastore

Summary

Creates a Datastore with the specified remote NFS path for the selected host node.

Description

This task creates an NFS datastore with the specified storage path from the storage server for the selected host.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage IP Address	Server IP Address	gen_text_input	Y
Host Name	Host Name	vmwareHostMultiSelect	Y
NFS Path	NFS Path	gen_text_input	Y
Datastore Name	Datastore Name	gen_text_input	
Access Mode	Access Mode	gen_text_input	Y
Success Criteria	Select an option from list to pass the task	gen_text_input	Y

Outputs

Output	Description	Type
DATASTORE_NAME	Datastore Name	dataStoreName
HOST_NAME	Host Name	vmHost
DATASTORE_IDENTITY	Datastore Identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect

Register Host with VMWare vCenter

Summary

Registers a new Host with vCenter.

Description

This task registers a new host within the selected vCenter cloud and also places the host on the specified cluster or datacenter.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name to register the host node with	gen_text_input	Y
Register PXE Host	Select this option to register PXE Host to the cloud		
PXEBoot Request ID	The PXEBoot Request ID of the Host that is to be registered with the cloud.	gen_text_input	Y
Host Node	The hode node IPAddress that is to be registered with the cloud	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y
Host License	Host License	gen_text_input	
Associate With	Associate the selected host with either cluster or data center		Y
Cluster/Data Center	Select a cluster or data center to which the host node will be associated	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP	Host IP	vmwareHostMultiSelect
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_VSWITCH_IDENTITY	Identity of the vSwitch	vmwareVSwitchIdentity
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Register NetApp iSCSI Storage with Hostnode

Summary

Registers an iSCSI protocol enabled vFiler IP address to a hostnode

Description

This task registers a new vFiler IP address, which is iSCSI protocol enabled, to the selected hostnode.

Inputs

Input	Description	Mappable To Type	Mandatory
Filer Name	Filer Name	gen_text_input	Y
Filer/vFiler Name	Select Filer Name or vFiler Name	gen_text_input	Y
Select SVM Name	Select SVM name which is having iscsi enabled lif ipaddresses.	netappClusterVServer Identity	Y
iSCSI Enable IP Address	Select a IP Address.	ipaddress	Y
Initiator Name	Select the Initiator that needs to be deleted.	vmwareHostStorageAdapter Identity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_NODE_LIST	Host Name	vmwareHostMultiSelect

Register VMWare Hosts with Cluster

Summary

Register hosts with a cluster.

Description

This task registers hosts with a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name to register the host node with	gen_text_input	Y
Datacenter Name	Select the Datacenter name in which the cluster need to be created.	datacenterName	Y
Cluster	Select a cluster to which the host node will be associated	gen_text_input	Y
Select Hosts	Select Hosts	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y
Host License	Host License	gen_text_input	
Skip Inventory Collection	Inventory Collection for Virtual Account is skipped after Host Registration	Boolean	
Skip Failed Host Registration	Host Registration Failure continues in case of Multiple Hosts	Boolean	

Outputs

Output	Description	Type
HOST_NAME	Host Name	vmwareHostMultiSelect
OUTPUT_HOST_LIST	Host List	vmwareHostNodeIdentity
OUTPUT_DATACENTER_HOST_LIST	Datacenter Host List	vmwareHostNodeIdentity

Remove Hosts from VMware dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name.	gen_text_input	Y
Datacenter Name	Select the Datacenter name .	datacenterName	Y
DVSwitch Name	Select the DVSwitch from which hosts need to removed.	gen_text_input	Y
Select Hosts	Select Hosts to be removed from the dv Switch.	vmwareHost MultiSelect	Y
Force Remove	Select to force remove hosts		
Enter Maintenance mode	Select to enter hosts into maintenance mode		
Power Off VMs	Select to power off VMs on the selected host.		
Power Off VMs(If selected host is alone in the cluster)	Select to power off VMs, if the selected host is the only host in the cluster		
Power Off VMs after wait time	Select to power off VMs, if maintenance mode takes more than selected minutes		
Wait Time(in minutes)	Time to allow maintenance mode to finish before powering off vms.		

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_HOST_LIST	Comma-separated hosts.	vmwareHostMultiSelect

Remove VMware Cluster

Summary

Removes a cluster.

Description

This task removes a cluster from a datacenter.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y

Outputs

No Outputs

Remove VMware Datastore from Datastore Cluste

Summary

Removes a datastore from a datastore cluster.

Description

This task removes a datastore from datastore cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreClusterIdentity	Y
Datastores	Select the datastores	vmwareMultiDatastoreIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_DATASTORE_CLUSTER_NAME	Datastore Cluster Name	vmwareDatastoreClusterName
DATASTORE_NAME	VMware Datastore Name	vmwareDatastoreName
DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_DATASTORE_CLUSTER_IDENTITY	Datastore Cluster Identity	vmwareDatastoreClusterIdentity

Select VMware Cluster

Summary

Selects a VMware cluster to map in a workflow.

Description

This task selects a VMware cluster and gets the properties to map them further in a workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_IDENTITY	VMware Datacenter Identity	datacenterIdentity
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_TOTAL_HOST_NODES	Total Number of host nodes	gen_text_input
OUTPUT_HOST_LIST	Comma-separated hosts.	vmwareHostMultiSelect
OUTPUT_HOST_NAMES_LIST	Comma-separated host names.	gen_text_input
OUTPUT_VM_IDS	VM IDs	gen_text_input
OUTPUT_RESOURCE_POOL_IDENTITY_LIST	Comma seperated resource pool identities	vmwareResourcePoolMultiSelect
OUTPUT_RESOURCE_POOL_NAME_LIST	Comma seperated resource pool names	gen_text_input
OUTPUT_HA_STATUS	HA Enabled status	gen_text_input
OUTPUT_DRS_STATUS	DRS Enabled status	gen_text_input

Select VMware Resource Cluster

Summary

Lists cluster resource output.

Description

This task outputs a list of hostnodes under the selected cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select Cluster	vmwareClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_CLUSTER_NAME	Cluster Name	gen_text_input

Unassign VMWare Datastore Cluster from Group

Summary

Unassign a datastore cluster from a group.

Description

This task unassigns a datastore cluster from a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Datastore Cluster	Select Datastore Cluster	vmwareDatastoreClusterIdentity	Y

Outputs

No Outputs

Unassign VMWare Resource Pool from Group

Summary

Unassigns a resource pool from a group local to the UCS Director appliance.

Description

This task unassigns the resource pool from the selected group. Users within the selected group can no longer access the resource pool.

Inputs

Input	Description	Mappable To Type	Mandatory
Resource Pool	Select the resource pool name as parent.	gen_text_input	Y

Outputs

No Outputs

Unassign VMware Datastore from Group

Summary

Unassigns a datastore from a group local to the UCS Director appliance.

Description

This task unassigns the datastore from the selected group. Users within the selected group can no longer access the datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Datastore	Select the datastore name as parent.	gen_text_input	Y

Outputs

No Outputs

Unregister Host from VMware vCenter

Summary

Removes a host from vCenter.

Description

This task removes a host from the vCenter.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to remove the host.	gen_text_input	Y
Host Node	The hode node IPAddress to remove from vCenter.	gen_text_input	Y

Outputs

No Outputs

VMWare ISO Image Collector

Summary

Collects ISO images.

Description

This task collects ISO images from the selected datastores.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Policy	Select Policy	vmwareMarkDatastoreforISOs	Y

Outputs

No Outputs

VMware Remove Datastore from Host

Summary

Removes a datastore from the host.

Description

This task removes a datastore from the specified host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the Host for which datastore need to be removed	vmwareHostMultiSelect	Y
Select Datastore	Select datastore to be removed	gen_text_input	
Success Criteria	Select an option from list to pass the task	gen_text_input	Y

Outputs

No Outputs



VMware Network Tasks

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- [Add Network to VMware VM, on page 3485](#)
- [Add PNIC to VMware dvSwitch, on page 3486](#)
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- [UnAssociate PNICs from VMWare vSwitch, on page 3530](#)
- [Update Network Policy, on page 3531](#)

Add Host VMKernel Port to VMware dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host/Cluster	Select the Host/Cluster to perform operation on.	vmwareHostorCluster	Y
Select Cluster	Select the Cluster, to create the new VM Kernel PortGroup on hosts in cluster.	vmwareClusterIdentity	Y
Select Host Nodes	Select the Host name to create the new VM Kernel PortGroup.	vmwareHostNode Identity	Y
DVPortGroup Name	Select the dvPortGroup to create the new VM Kernel PortGroup.	VMwareDVPortgroup Identity	Y
Network Type	Select the network type.	gen_text_input	Y
Select IP Address Type	Select IP Address Type	gen_text_input	Y
Select IP Address Source	Select IP Address Source	gen_text_input	Y
IP Subnet	Select the IP Subnet	IpSubnetInIPSubnetPool PolicyIdentity	Y
MTU Size	Enter MTU Size From 1280 to 9000 Range.	gen_text_input	
TCP/IP Stack	TCP/IP Stack	vmwareHostTcpIpStack Identity	
vMotion traffic	Enable vMotion traffic	Boolean	
Provisioning traffic	Enable vSphere Provisioning traffic	Boolean	
Fault Tolerance logging	Enable Fault Tolerance Logging	Boolean	
Management traffic	Enable Management traffic	Boolean	
vSphere Replication traffic	Enable vSphereReplication traffic	Boolean	
vSphere Replication NFC traffic	Enable vSphere Replication NFC traffic	Boolean	
Virtual SAN Traffic	Enable Virtual SAN traffic	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Output	Description	Type
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroupIdentity
OUTPUT_IP_POOL_POLICY_ID	IP Pool Policy Id	VMWareIPPoolPolicy
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName
OUTPUT_STATIC_POOL_IP	IP Address from Static Pool.	StaticPoolIP
OUTPUT_SUBNET_ID	Subnet ID	IpSubnetInIPSubnetPoolPolicyIdentity
OUTPUT_STATIC_POOL_IPS_ALLOCATED	Comma Separated IP Addresses allocated from Static Pool.	gen_text_input
OUTPUT_MTU_SIZE	MTU Size.	gen_text_input
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	vmwareClusterIdentity

Add Network to VMware VM

Summary

Connects a Virtual Machine to a network.

Description

This task adds a network to a VM. This task adds a port group to VM, through which the VM is connected in the network.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which new network need to be added	vm	Y
Select PortGroup Type	Select PortGroup type for the new network to be added	portGroupType	Y
Specify Portgroup Name	Name of the port group to be associated	portGroupName	
Select Adapter Type	Select Adapter type for the new network to be added or use Auto option to let it do automatically	adapterType	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Add PNIC to VMWare dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to associate the Pnic to DVSwitch.	gen_text_input	Y
Host Node	The hode node IPAddress.	gen_text_input	Y
DVSwitch Name	Select the DVSwitch to which physical NICs need to be associated.	dvSwitchName	Y
uplinkPortGroup Name	Select the uplink PortGroup to which physical NICs need to be associated.	uplinkPortGroupLovList	Y
Allow Used PNICs	Allow Used PNICs	gen_text_input	Y
Physical Nics	Free Physical Nics available.	gen_text_input	Y

Outputs

No Outputs

Add PNIC to VMWare vSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch to which pnic need to be added.	gen_text_input	Y
Physical Nics	Free Physical Nics available.	vmwareFreePnicMultiSelect	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_VSWITCH_IDENTITY	Identity of the vSwitch	vmwareVSwitchIdentity
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_PNIC_IDENTITY	VMware Host Node PNIC Identity	gen_text_input

Add VMWare vNICs to VM

Summary

Adds new virtual network interface cards to the VM.

Description

This task adds new virtual network interface cards to the VM. If the Replace option is selected, then all the existing NICs on the VM will be removed and new NICs will be added. If the Add option is selected, then the new NICs will be added to the VM in addition to the existing NICs.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM.	vm	Y
Operation	Select the VM NIC operation.	gen_text_input	Y
PowerOn VM	Select this option to power on the VM after the vNIC configuration is completed.		Y
Select PortGroup Type	Specify type of Port Group : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Specify Portgroup Name	Name of the port group to be associated.	vmwareVmPortGroup Identity	Y
Adapter Type	Select adapter type	gen_text_input	
DHCP	DHCP or Static		
Static IP Pool	Provide IP address range or comma separated IP addresses or both	gen_text_input	
NIC1 IP Address	Provide reserved IP address	gen_text_input	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway Address	Enter Gateway Address.	gen_text_input	
Connected	Network adapter connection status.	Boolean	
Connect at Power ON	Check to connect at VM power-on.	Boolean	
Add VMNIC 2	Select this option to add VM NIC 2		
Select PortGroup Type	Specify type of Port Group : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Specify Portgroup Name	Name of the port group to be associated.	vmwareVmPortGroup Identity	Y
Adapter Type	Select adapter type	gen_text_input	
DHCP	DHCP or Static		
Static IP Pool	Provide IP address range or comma separated IP addresses or both	gen_text_input	

Input	Description	Mappable To Type	Mandatory
NIC2 IP Address	Provide reserved IP address	gen_text_input	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway Address	Enter Gateway Address.	gen_text_input	
Connected	Network adapter connection status.	Boolean	
Connect at Power ON	Check to connect at VM power-on.	Boolean	
Add VMNIC 3	Select this option to add VM NIC 3		
Select PortGroup Type	Specify type of Port Group : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Specify Portgroup Name	Name of the port group to be associated.	vmwareVmPortGroup Identity	Y
Adapter Type	Select adapter type	portGroupType	
DHCP	DHCP or Static		
Static IP Pool	Provide IP address range or comma separated IP addresses or both	gen_text_input	
NIC3 IP Address	Provide reserved IP address	gen_text_input	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway Address	Enter Gateway Address.	gen_text_input	
Connected	Network adapter connection status.	Boolean	
Connect at Power ON	Check to connect at VM power-on.	Boolean	
Add VMNIC 4	Select this option to add VM NIC 4		
Select PortGroup Type	Specify type of Port Group : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Specify Portgroup Name	Name of the port group to be associated.	vmwareVmPortGroup Identity	Y
Adapter Type	Select adapter type	gen_text_input	
DHCP	DHCP or Static		
Static IP Pool	Provide IP address range or comma separated IP addresses or both	gen_text_input	
NIC4 IP Address	Provide reserved IP address	gen_text_input	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway Address	Enter Gateway Address.	gen_text_input	
Connected	Network adapter connection status.	Boolean	
Connect at Power ON	Check to connect at VM power-on.	Boolean	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_VM_NIC1_ADAPTER_NAME	NIC1 Adapter Name	gen_text_input
OUTPUT_VM_NIC2_ADAPTER_NAME	NIC2 Adapter Name	gen_text_input
OUTPUT_VM_NIC3_ADAPTER_NAME	NIC3 Adapter Name	gen_text_input
OUTPUT_VM_NIC4_ADAPTER_NAME	NIC4 Adapter Name	gen_text_input
OUTPUT_VM_NIC1_ADAPTER_MAC	NIC1 Mac Address	gen_text_input
OUTPUT_VM_NIC2_ADAPTER_MAC	NIC2 Mac Address	gen_text_input
OUTPUT_VM_NIC3_ADAPTER_MAC	NIC3 Mac Address	gen_text_input
OUTPUT_VM_NIC4_ADAPTER_MAC	NIC4 Mac Address	gen_text_input
OUTPUT_VM_NIC1_ADAPTER_IPADDRESS	NIC1 IP Address	gen_text_input
OUTPUT_VM_NIC2_ADAPTER_IPADDRESS	NIC2 IP Address	gen_text_input
OUTPUT_VM_NIC3_ADAPTER_IPADDRESS	NIC3 IP Address	gen_text_input
OUTPUT_VM_NIC4_ADAPTER_IPADDRESS	NIC4 IP Address	gen_text_input
OUTPUT_VM_NIC1_ADAPTER_NETMASK	NIC1 Netmask	gen_text_input
OUTPUT_VM_NIC2_ADAPTER_NETMASK	NIC2 Netmask	gen_text_input
OUTPUT_VM_NIC3_ADAPTER_NETMASK	NIC3 Netmask	gen_text_input
OUTPUT_VM_NIC4_ADAPTER_NETMASK	NIC4 Netmask	gen_text_input
OUTPUT_VM_NIC1_ADAPTER_GATEWAY	NIC1 Gateway	gen_text_input
OUTPUT_VM_NIC2_ADAPTER_GATEWAY	NIC2 Gateway	gen_text_input
OUTPUT_VM_NIC3_ADAPTER_GATEWAY	NIC3 Gateway	gen_text_input
OUTPUT_VM_NIC4_ADAPTER_GATEWAY	NIC4 Gateway	gen_text_input

Add VMware Port Group To Network Policy

Summary

Adds a new port group to an existing NIC configuration of the selected network policy.

Description

The adds a VMware port group into the NIC alias for the selected network policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetworkPolicyProvider	Y
NIC Alias	NIC Alias	vmwareNetworkPolicyNICAlias	Y
Port Group Name	Port Group Name	vmwareVmPortGroupIdentity	Y
IPv4 Configuration			
Select IP Address Type	Select IP Address Type	gen_text_input	Y
Select IP Address Source	Select IP Address Source	IPPoolSourceType	
IPv6 Configuration			
IPv6	Configure IPv6	gen_text_input	

Outputs

Output	Description	Type
VMWARE_NETWORK_POLICY	Network Policy	privateCloudNetworkPolicyProvider
OUTPUT_NIC_ALIAS	NIC Alias	vmwareNetworkPolicyNICAlias
OUTPUT_PORT_GROUP_NAME	Port Group Name	vmwareVmPortGroupIdentity
OUTPUT_IP_ADDRESS_TYPE	IP Address Type	gen_text_input
OUTPUT_IPV6	IPv6	gen_text_input

Add VMware Service Console PortGroup

Summary

Adds a new service console port group.

Description

This task adds a new service console port group.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new Service Console PortGroup.	gen_text_input	Y
Host Node	Select the Host name to create the new Service Console PortGroup.	gen_text_input	Y
DVSwitch Name	Select the DVSwitch to create the new Service Console PortGroup.	dvSwitchName	Y
dvPortGroup Name	Select the dvPortGroup to create the new Service Console PortGroup.	dvPortGroupName	Y
Network Type	Select the network type.	gen_text_input	Y
Static IP Pool	Static IP Pool. Example: 192.168.0.1 - 192.168.0.50,192.168.0.100,192.168.1.20-192.168.1.70	gen_text_input	
Subnet Mask	Enter Subnet Mask.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName

Add VMware VMKernel Port on dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host Node	Select the Host name to create the new VM Kernel PortGroup.	vmwareHostNodeIdentity	Y
DVPortGroup Name	Select the dvPortGroup to create the new VM Kernel PortGroup.	VMwareDVPortgroup Identity	Y
Network Type	Select the network type.	gen_text_input	Y
Select IP Address Type	Select IP Address Type	gen_text_input	Y
MTU Size	Enter MTU Size From 1280 to 9000 Range.	gen_text_input	
Enable vMotion	Enable vMotion		

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity
OUTPUT_IP_POOL_POLICY_ID	IP Pool Policy Id	VMWareIPPoolPolicy
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName
OUTPUT_STATIC_POOL_IP	IP Address from Static Pool.	StaticPoolIP
OUTPUT_STATIC_POOL_IPS_ALLOCATED	Comma Separated IP Addresses allocated from Static Pool.	gen_text_input
OUTPUT_MTU_SIZE	MTU Size.	gen_text_input

Add VMware Virtual Adapter

Summary

Adds a virtual adapter for the host on a DvSwitch.

Description

This task adds a virtual adapter for the host on a DvSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new VM Kernel PortGroup.	gen_text_input	Y
Host Node	Select the Host name to create the new VM Kernel PortGroup.	gen_text_input	Y
DVSwitch Name	Select the DVSwitch to create the new VM Kernel PortGroup.	dvSwitchName	Y
dvPortGroup Name	Select the dvPortGroup to create the new VM Kernel PortGroup.	gen_text_input	Y
Network Type	Select the network type.	gen_text_input	Y
Static IP Pool	Static IP Pool. Example: 192.168.0.1 - 192.168.0.50,192.168.0.100,192.168.1.20-192.168.1.70	StaticPoolIP	
Subnet Mask	Enter Subnet Mask.	gen_text_input	
MTU Size	Enter MTU Size From 1280 to 9000 Range.	gen_text_input	
TCP/IP Stack	TCP/IP Stack	vmwareHostTcpIpStackIdentity	
vMotion traffic	Enable vMotion traffic	Boolean	
Provisioning traffic	Enable vSphere Provisioning traffic	Boolean	
Fault Tolerance logging	Enable Fault Tolerance Logging	Boolean	
Management traffic	Enable Management traffic	Boolean	
vSphere Replication traffic	Enable vSphereReplication traffic	Boolean	
vSphere Replication NFC traffic	Enable vSphere Replication NFC traffic	Boolean	
Virtual SAN Traffic	Enable Virtual SAN traffic	Boolean	

Outputs

Output	Description	Type
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName

Output	Description	Type
OUTPUT_STATIC_POOL_IP	IP Address from Static Pool.	StaticPoolIP
OUTPUT_STATIC_POOL_IPS_ ALLOCATED	Comma Separated IP Addresses allocated from Static Pool.	gen_text_input
OUTPUT_MTU_SIZE	MTU Size.	gen_text_input

Assign VMware Port Group to Group

Summary

Assigns a port group to the selected UCS Director group.

Description

This task assigns a port group to a UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be assign to group.	portGroupIdentity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity

Assign VMware dvPortGroup to Group

Summary

Assigns a DV port group to a selected UCS Director group.

Description

This task assigns a distributed virtual port group to a UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
dvPortGroup Name	Select the dvPortGroup to be assigned.	VMwareDVPortgroup Identity	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select a UCSD group to assign to.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity

Create DVPortGroup

Summary

Creates a distributed virtual port group in a DvSwitch.

Description

This task creates a new distributed virtual port group within a DvSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch.	VMwareDVSwitchIdentity	Y
dvPortGroup Name	Enter dvPortGroup name to be created.	gen_text_input	Y
Number of Ports	Enter number of ports to be created.	gen_text_input	Y
Port binding	Select the binding type for the ports.	VMwareDVPortGroupPort Binding	Y
VLAN ID	Enter the VLAN ID to be associated with the dvPortGroup.	vlanID	Y
Promiscuous Mode(Accept)	Promiscuous Mode(Accept) for the dvPortGroup.	promiscuousModeAccept	

Outputs

Output	Description	Type
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_DVPORTGROUP_PORTGROUPBINDING	VMware DVPort Group Port Binding	VMwareDVPortGroupPort Binding
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_VLAN_ID	VLAN ID	vlanID
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity

Create DVSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new DVSwitch.	gen_text_input	Y
Datacenter Name	Select the Datacenter Name to create the new DVSwitch.	gen_text_input	Y
DVSwitch Name	DVSwitch name to be created.	gen_text_input	Y
Number of dvUplink Ports	Maximum number of physical adapters per host.		Y
upLinkPort Name Prefix	Prefix string of upLinkPort(s) to be created.	gen_text_input	Y
Maximum MTU	Maximum MTU	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity
OUTPUT_VDS_UPLINK_PORTGROUP_NAME	VMware DVSwitch Uplink Port Group	uplinkPortGroupLovList

Create VMKernel Port Group

Summary

Creates a VMkernel port group.

Description

This task creates a VMkernel port group on the selected vSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name.	gen_text_input	Y
Select Datacenter or Cluster	Select Datacenter or Cluster	gen_text_input	Y
Datacenter Name	Select the Datacenter name.	datacenterName	
Cluster Name	Select the Cluster name.	gen_text_input	
vSwitch Name	Select the vSwitch on which Network connection needs to be added.	vmwareVSwitch Identity	Y
Connection Types	Select the connection type to be added to the vSwitch.	gen_text_input	Y
Network Label	Name of the connection type that need to be created.	gen_text_input	Y
VLAN ID	The vLan Id for the network connection.	vlanID	
Network Type	Select the network type.	gen_text_input	Y
Enable DHCP	Enable DHCP		
Static IP Pool	Provide IP address range or comma separated IP addresses or both	StaticPoolIP	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway IP Address	IP Address of the default gateway for this network	gen_text_input	
TCP/IP Stack	TCP/IP Stack	vmwareHostTcpIp StackIdentity	
Enable vMotion	Enable vMotion	Boolean	
Enable Fault Tolerance	Enable Fault Tolerance	Boolean	
Enable Management	Enable Management	Boolean	
Provisioning traffic	Enable vSphere Provisioning traffic	Boolean	
vSphere Replication traffic	Enable vSphereReplication traffic	Boolean	
vSphere Replication NFC traffic	Enable vSphere Replication NFC traffic	Boolean	
Virtual SAN Traffic	Enable Virtual SAN traffic	Boolean	

Input	Description	Mappable To Type	Mandatory
Promiscuous Mode(Accept)	Promiscuous Mode(Accept) for the PortGroup.	promiscuousMode Accept	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_STATIC_POOL_IP	IP Address from Static Pool.	StaticPoolIP
OUTPUT_STATIC_POOL_IPS_ALLOCATED	Comma Separated IP Addresses allocated from Static Pool.	gen_text_input
OUTPUT_VMKERNAL_PORT_IDENTITY	Identity of the VMkernel Port	vmwarevmkernelPort Identity

Create VMware Port Group

Summary

Adds the Virtual Machine, VMKernel or Service Console VMware Network Connection types.

Description

The tasks adds the Virtual Machine, VMKernel or Service Console VMware Connection types to a vSwitch present in a host.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch on which Network connection needs to be added.	vmwareVSwitch Identity	Y
Connection Types	Select the connection type to be added to the vSwitch.	gen_text_input	Y
Network Label	Name of the connection type that need to be created.	gen_text_input	Y
VLAN ID	The vLan Id for the network connection.	vlanID	
Network Type	Select the network type.	gen_text_input	Y
Enable DHCP	Enable DHCP	Boolean	
Static IP Pool	Provide IP address range or comma separated IP addresses or both	StaticPoolIP	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Enable vMotion	Enable vMotion		
Promiscuous Mode(Accept)	Promiscuous Mode(Accept) for the Port Group.	promiscuousMode Accept	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_STATIC_POOL_IP	IP Address from Static Pool.	StaticPoolIP
OUTPUT_STATIC_POOL_IPS_ALLOCATED	Comma Separated IP Addresses allocated from Static Pool.	gen_text_input
OUTPUT_VMKERNEL_PORT_IDENTITY	Identity of the VMkernel Port	vmwarevmkernelPort Identity

Output	Description	Type
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity

Create Virtual Nic

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to Create the vNic.	gen_text_input	Y
Host Node	Select the hode node IPAddress to create the vNic.	gen_text_input	Y
vSwitch Name	Select the vSwitch.	gen_text_input	Y
PortGroup Name	Select the PortGroup to which the vNic will be connected.	gen_text_input	Y
Network Type	Select the network type.	gen_text_input	Y
IP Address	IP Address.	ipaddress	
Subnet Mask	Enter Subnet Mask.	subnetMask	

Outputs

No Outputs

Create vSwitch

Summary

Creates a virtual switch on the selected host.

Description

This task creates a vSwitch on the selected host for the selected cloud.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to create the new vSwitch.	gen_text_input	Y
Host Node	The hode node IPAddress to create the vSwitch.	gen_text_input	Y
Number of Switch Ports	Number of switch ports to be created on the vSwitch.	gen_text_input	Y
vSwitch Name	Name of the vSwitch to be created on the selected VMware host.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_VSWITCH_IDENTITY	Identity of the vSwitch	vmwareVSwitchIdentity

Delete DVPortGroup

Summary

Deletes a distributed virtual port group in a DvSwitch.

Description

This task deletes the selected distributed virtual port group in the DvSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
dvPortGroup Name	Select the dvPortGroup to be deleted.	VMwareDVPortgroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity

Delete DVSwitch

Summary**Description****Inputs**

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch to be deleted.	VMwareDVSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity

Delete Port Group From Network Policy

Summary

Deletes the selected port group from an existing NIC configuration of the selected network policy.

Description

The task deletes the selected VMware port group from the NIC alias for the selected network policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	privateCloudNetworkPolicyProvider	Y
NIC Alias	NIC Alias	vmwareNetworkPolicyNICAlias	Y
Port Group Name	Port Group Name	vmwareVmPortGroupIdentity	Y

Outputs

No Outputs

Delete VMware VM vNICs

Summary

Deletes virtual network interface cards from the VM.

Description

This task deletes one or more virtual network interface cards from the VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM.	vm	Y
vNICs	Select the vNICs to be deleted.	VMwareVmvNICList	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Delete VMware Virtual Nic

Summary

Deletes a virtual NIC from the port group.

Description

This task deletes the selected virtual NIC from the selected port group.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to Create the vNic.	gen_text_input	Y
Host Node	Select the hode node IPAddress to create the vNic.	gen_text_input	Y
vSwitch Name	Select the vSwitch.	gen_text_input	Y
PortGroup Name	Select the PortGroup to which the vNic will be connected.	gen_text_input	Y

Outputs

No Outputs

Delete VMware vSwitch

Summary

Deletes a vSwitch.

Description

This task deletes a vSwitch. Once a vSwitch is deleted all the port groups associated with the vSwitch are associated with the default vSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch that need to be deleted.	vmwareVSwitchIdentity	Y

Outputs

No Outputs

Enable Discovery Protocol on VMware dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch.	VMwareDVSwitchIdentity	Y
Status	Status of Discovery Type	vmwareCDPStatusSelector	Y
Type	Discovery Protocol Type	vmwareCDPTypeSelector	Y
Operation	Discovery Protocol Operation	vmwareCDPOperationType Selector	Y
Maximum MTU	Maximum MTU	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity

Generate VMware Generic PortGroup Identity

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name.	gen_text_input	Y
Port Group Type	Enter the port group type like Virtual Machine Portgroup,Distributed Virtual Portgroup	gen_text_input	Y
vSwitch/DVSwitch	Enter the vSwitch/DVSwitch name.	gen_text_input	Y
Port Group/DV Port Group	Enter the port group/dv port group name.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity

Migrate Default VMWare vSwitch to DVSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to associate the Pnic to DVSwitch.	gen_text_input	Y
Host Node	The hode node IPAddress.	vmwareHostMultiSelect	Y
DVSwitch Name	Select the DVSwitch to which physical NICs and VMKNICs need to be migrated.	dvSwitchName	Y
uplinkPortGroup Name	Select the uplink PortGroup to which the PNICs need to be migrated.	uplinkPortGroupLovList	Y

Outputs

No Outputs

Migrate Default VMware vSwitch to DVSwitch By Mapping Policy

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to associate the Pnic to DVSwitch.	gen_text_input	Y
Host Node	The hode node IPAddress.	vmwareHostMultiSelect	Y
DVSwitch Name	Select the DVSwitch to which physical NICs and VMKNICs need to be migrated.	dvSwitchName	Y
uplinkPortGroup Name	Select the uplink PortGroup to which the PNICs need to be migrated.	uplinkPortGroupLovList	Y
Select Mapping Policy Name	Select the name of the mapping policy.	gen_text_input	Y

Outputs

No Outputs

Migrate VMware vSwitch PNIC to dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to migrate the PNICs to DVSwitch.	gen_text_input	Y
Host Node	The hode node IPAddress.	gen_text_input	Y
vSwitch Name	The name of the vSwitch from which the PNICs need to be migrated.	gen_text_input	Y
Physical Nics	Physical Nics associated with the vSwitch that need to be migrated to DVSwitch.	vmwarePnicMultiSelect	Y
DVSwitch Name	Select the DVSwitch to which the PNICs need to be migrated.	dvSwitchName	Y
uplinkPortGroup Name	Select the uplink PortGroup to which the PNICs need to be migrated.	uplinkPortGroupLovList	Y

Outputs

No Outputs

Migrate VMware vSwitch VMkernel Port to dvSwitch

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
VMkernel Port	Select the vSwitch VMkernel Port to migrate.	vmwarevmkernelPortIdentity	Y
DVPort Group	Select the DVPort Group to migrate VMKNIC.	VMwareDVPortgroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroupIdentity
OUTPUT_VMKERNEL_PORT_IDENTITY	Identity of the VMkernel Port	vmwarevmkernelPortIdentity

Modify VMWare DVSwitch For NIOC

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch to be Modify.	VMwareDVSwitch Identity	Y
Enable Network I/O Control on DVSwitch	Enable Network I/O Control on a vSphere Distributed Switch		

Outputs

Output	Description	Type
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity

Modify VMWare DVSwitch For System Network Resource Pool Traffic Setting

Summary
Description
Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Name	Select the DVSwitch to be Modify.	VMwareDVSwitch Identity	Y
System Network Resource Pool	Select the System Network Resource Pool to be Modify.		Y
Share Value	Select Physical adapters share value.		Y
Custom Value	Modify share value.		Y

Outputs

Output	Description	Type
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity

Modify VMWare dv PortGroup

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
dvPortGroup Name	Select the dvPortGroup to be deleted.	VMwareDVPortgroup Identity	Y
NetWork Label	Enter Network Label	gen_text_input	
Number of Ports	Enter number of ports to be created.	gen_text_input	Y
Port binding	Select the binding type for the ports.	VMwareDVPortGroupPort Binding	Y
VLAN ID	Enter the VLAN ID to be associated with the dvPortGroup.	vlanID	Y
Promiscuous Mode(Accept)	Promiscuous Mode(Accept) for the dvPortGroup.	promiscuousModeAccept	

Outputs

Output	Description	Type
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_VLAN_ID	VLAN ID	vlanID
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity

Modify VMWare dvSwitch Teaming and Failover Settings

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
dvSwitch Name	Select the DVSwitch to be modified.	VMwareDVSwitch Identity	Y
dvPortGroup Name(s)	Select the dvPortGroups to be modified.	VMwareDVPortgroup Identity	Y
Load Balancing	Select Load Balancing.	gen_text_input	Y
Network Failover Detection	Select Network Failover Detection.	gen_text_input	Y
Notify Switches	Select Notify Switches.	gen_text_input	Y
Failback	Select FailBack.	gen_text_input	Y
Failover Order:	Select active and standby uplinks. During failover, standby uplinks activate in the order specified below:		
Active Uplinks	Comma separated list of active uplink names.		Y
Standby Uplinks	Comma separated list of standby uplink names.		Y

Outputs

Output	Description	Type
OUTPUT_DV_PORT_GROUP_NAME	VMware DVPort Group Name	dvPortGroupName
OUTPUT_DVSWITCH_NAME	dvSwitch Name	dvSwitchName
OUTPUT_VMWARE_DVSWITCH_IDENTITY	Identity of the DVSwitch	VMwareDVSwitchIdentity
OUTPUT_VMWARE_DV_PORT_GROUP_IDENTITY	Identity of the DVPort Group	VMwareDVPortgroup Identity

Modify VMkernel Port Properties

Summary

Enables or disables vMotion on the VMkernel port.

Description

This task enables or disables vMotion, management, and fault tolerance logging on the VMkernel port.

Inputs

Input	Description	Mappable To Type	Mandatory
VMkernel Port	Select the vSwitch VMkernel Port.	vmwarevmkNic Identity	Y
Enable vMotion	Enable vMotion	Boolean	
Enable Fault Tolerance	Enable Fault Tolerance	Boolean	
Enable Management	Enable Management	Boolean	
Enable vSphere Provisioning	Enable vSphere Provisioning	Boolean	
Enable vsan	Enable vsan	Boolean	
Enable vSphereReplicationNFC	Enable vSphereReplicationNFC	Boolean	
Enable vSphereReplication	Enable vSphereReplication	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMKERNEL_PORT_IDENTITY	Identity of the VMkernel Port	vmwarevmkernelPortIdentity

Modify VMware PortGroup

Summary

Modifies a port group.

Description

This task modifies a port group of a vSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be Modify.	portGroupIdentity	Y
vLan Id	The vLan Id for the portgroup.	gen_text_input	
Promiscuous Mode(Accept)	Promiscuous Mode(Accept) for the PortGroup.	promiscuousModeAccept	
NetWork Label	Enter Network Label	gen_text_input	
MTU	MTU	gen_text_input	
Enable DHCP	Enbale DHCP	Boolean	
Network Type	Select the network type.	gen_text_input	
Static IP Pool	Provide IP address range or comma separated IP addresses or both	StaticPoolIP	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway IP Address	IP Address of the default gateway for this network	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMKERNAL_PORT_IDENTITY	Identity of the VMkernel Port	vmwarevmkernelPort Identity

Modify VMware VM Network

Summary

Changes the VM network adapter port group.

Description

This task changes the VM network adapter port group. The destination port group can be either a virtual port group or a distributed virtual port group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM	vm	Y
Select Network Adapter	Select the network adapter for which to modify the network	gen_text_input	Y
Select PortGroup Type	Specify the type of port group: Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Specify Portgroup Name	Name of the port group to associate	gen_text_input	Y
Connected	Network adapter connection status	Boolean	
Connect at Power ON	Check to connect at VM power-on	Boolean	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_VMWARE_VM_NET_ADAPTER_NAME	VM Network adapter name.	gen_text_input
OUTPUT_PORT_GROUP_TYPE	Type of Port Group: Virtual Portgroup or Distributed Virtual Portgroup	portGroupType
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input

Modify VMware vSwitch

Summary

Modifies the MTU size on a vSwitch.

Description

This task modifies the MTU size for a vSwitch on the selected Host.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch	Select the vSwitch to which MTU size need to be added.	gen_text_input	Y
MTU	MTU	gen_text_input	

Outputs

No Outputs

Remove DV Port Group from Group

Summary

Unassigns a DV port group from an assigned UCS Director group.

Description

This task unassigns a distributed virtual port group from an assigned UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
dvPortGroup Name	Select the dvPortGroup to be deleted.	VMwareDVPortgroupIdentity	Y

Outputs

No Outputs

Remove VMware Networking

Summary

Removes the Virtual Machine, VMKernel or Service Console VMware Network Connection types.

Description

The task removes the Virtual Machine, VMKernel or Service Console VMware Connection types from a vSwitch present in a host.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the Network Connection to be deleted.	portGroupIdentity	Y

Outputs

No Outputs

Remove VMware Virtual Adapters

Summary

Removes virtual adapters for the host on a DvSwitch.

Description

This task removes a virtual adapter for the host that is present on a DvSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to remove the Virtual Adapter.	gen_text_input	Y
Host Node	Select the hode node IPAddress to remove the Virtual Adapter.	gen_text_input	Y
Virtual Adapter	Select the Virtual Adapters to be removed from the host.	gen_text_input	Y

Outputs

No Outputs

UnAssign Port Group from User Group

Summary

Unassigns a port group from an assigned UCS Director group.

Description

This task unassigns a port group from an assigned UCS Director group.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be unassign from group.	portGroupIdentity	Y

Outputs

No Outputs

UnAssociate PNICs from VMWare vSwitch

Summary

Unassociates a host physical NICs from a vSwitch.

Description

The task unassociates a host physical NICs from a vSwitch.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch to which pnic need to be UnAssociated.	vmwareVSwitchIdentity	Y
Physical Nics	Select the Used Physical Nics that needs to be UnAssociated.	vmwareUsedPnicMultiSelect	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_DATACENTER_NAME	VMware Datacenter Name	datacenterName
HOST_NAME	Host Name	vmHost
OUTPUT_VMWARE_VSWITCH_IDENTITY	Identity of the vSwitch	vmwareVSwitchIdentity
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_PNIC_IDENTITY	VMware Host Node PNIC Identity	gen_text_input

Update Network Policy

Summary

Create a vmWare network policy.

Description

This task creates a network policy in a vmWare network.

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Switch Name	Virtual Switch Name	gen_text_input	Y
Port Group Name	Port Group Name	gen_text_input	Y
PortGroup Type	Specify type of Port Group : Virtual Portgroup or Distributed Virtual Portgroup	portGroupType	Y
Select vDC	Select vDC profile to create the vDC	vDC	Y

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_TYPE	Type of Port Group: Virtual Portgroup or Distributed Virtual Portgroup	portGroupType



VMware Policy Tasks

This chapter contains the following sections:

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- [VMware - Create VDC Computing Policy, on page 3535](#)
- [VMware - Create VDC Guest OS ISO Image Mapping Policy, on page 3537](#)
- [VMware - Create VDC Network Policy, on page 3538](#)
- [VMware - Create VDC Storage Hard Disk Policy, on page 3539](#)
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- [VMware - Edit VDC Storage Policy, on page 3557](#)
- [VMware - Edit VDC System Policy, on page 3559](#)

VMware - Add NIC to VDC Network Policy

Summary

Add a NIC to a VMware network policy.

Description

This task adds a NIC to a VMware network policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareNetworkPoliciesList	Y
NIC Alias	NIC Alias	gen_text_input	Y
Mandatory	Mandatory or Optional	Boolean	
Allow end user to choose portgroups	Selecting this option enables end user to choose port groups during provisioning	Boolean	
Show policy level portgroups	Selecting this option along with allow end user to choose portgroups lists all the selected portgroups of NICS in the policy	Boolean	
Copy Adapter Type from Template	Copy Adapter Type from Template	Boolean	
Allow end user to override IP Address	Allow end user to override IP Address	Boolean	
Adapter Type	Select adapter type	NetworkAdapterType	
Port Group Name	Port Group Name	vmwareVmPortGroupIdentity	Y
IPv4 Configuration			
Select IP Address Type	Select IP Address Type	IPAddressType	Y
IPv6 Configuration			
IPv6	Configure IPv6	Boolean	
Select IP Address Type	Select IP Address Type	IPAddressType	

Outputs

Output	Description	Type
OUTPUT_VMWARE_NETWORK_POLICY_NAME	VMware Network Policy Name.	gen_text_input
OUTPUT_VMWARE_NIC_ALIAS	VMware NIC Alias	gen_text_input

VMware - Create VDC Computing Policy

Summary

Create a VMware computing policy.

Description

This task creates a VMware computing policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Cloud Name	Select the cloud name for which computing policy has to be created	vmwareAccountName	Y
Host Node/Cluster Scope	Specify type of Host Node/Cluster Scope: include/exclude or all	scopeTypeComputing	
Selected Host Nodes	List of data stores selected for include/exclude	vmwareHostNode Identity	
Selected Clusters	List of Datastore Clusters for include/exclude	vmwareClusterIdentity	
Affinity Rules	Select Affinity Rules from the table	vmwareDatastore ClusterAffinityRule	
Resource Pool	Resource Pool	vmwareResourcePool Identity	
ESX Type	ESX Type		
ESX Version	ESX Version		
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Select if template properties to be overridden	Boolean	
Number of vCPUs	Number of vCPUs	gen_text_input	
Cores per socket	Cores per socket	gen_text_input	
CPU Reservation (MHz)	CPU Reservation (MHz)	gen_text_input	
CPU Limit (MHz)	CPU Limit (MHz)	gen_text_input	
CPU Shares	CPU Shares	VMwareSharesLOV	
Memory (MB)	Memory (MB)	gen_text_input	
Reserve all Guest Memory	Reserve all guest memory(All locked)	Boolean	
Memory Reservation (MB)	Memory Reservation (MB)	gen_text_input	
Memory Limit (MB)	Memory Limit (MB)	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Memory Shares	Memory Shares	VMwareSharesLOV	
Resizing Options	Resizing Options		
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy?	Boolean	
Permitted Values for v CPUs	Comma separated list of number of v CPUs, example: 1,2,4	gen_text_input	
Permitted Values for Cores per Socket	Enter comma separated list of numbers , Otherwise cores per socket configuration will not apply.	gen_text_input	
Permitted Values for Memory in MB	Comma separated list of memory values in MB, example: 512,1024,2048	gen_text_input	
Deploy to Folder	Slash (/) separated folder names to which VM may be deployed. It may include parameterized variables such as \${GROUP_NAME}	gen_text_input	
Deploy to Folder (SRM)	Slash (/) separated folder names to which VM may be deployed. It may include parameterized variables such as \${GROUP_NAME}	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_COMPUTING_POLICY_NAME	VMware Computing Policy Name.	gen_text_input
OUTPUT_VMWARE_COMPUTING_POLICY_ID	Computing Policy ID	VMwareComputingPolicy ID

VMware - Create VDC Guest OS ISO Image Mapping Policy

Summary

Create a VMware guest OS ISO image mapping policy.

Description

This task creates a VMware guest OS ISO image mapping policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Cloud Name	Cloud for which policies apply.	vmwareAccountName	Y
Allow End User To Select Guest OS and ISO Image	Allow End User To Select Guest OS and ISO Image	Boolean	
ISO Mappings	Add one or more iso image mappings	GuestOSISOMappingList	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_GUESTOS_ISO_IMAGE_MAPPING_POLICY_NAME	VMware GuestOS ISO Image Mapping Policy Name.	gen_text_input

VMware - Create VDC Network Policy

Summary

Create a VMware network policy.

Description

This task creates a VMware network policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Cloud Name	Cloud for which policies apply.	vmwareAccountName	Y
Enable Protection	Enable SRM	Boolean	
Allow End User to select Optional NICs	Selecting this option enables end user to select optional NICs during provisioning	Boolean	
VM Networks	Add one or more networks	vmwarevmnetworks	

Outputs

Output	Description	Type
OUTPUT_VMWARE_NETWORK_POLICY_NAME	VMware Network Policy Name.	gen_text_input
OUTPUT_VMWARE_NETWORK_POLICY_ID	Network Policy ID	VMwareNetworkPolicyID

VMware - Create VDC Storage Hard Disk Policy

Summary

Create a new hard disk policy for a storage policy.

Description

This task creates a new hard disk policy for a storage policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareStoragePolicies List	Y
Disk Label	Disk Label	gen_text_input	Y
Disk Size (GB)	Disk Size in GB	gen_text_input	Y
Disk Type	Assign disk type to disk	DiskType	Y
Controller Options			
Controller Type	Select if you want to specific Controller Type	vmwareStoragePolicy DiskControllerTypeLov Provider	
Create Disk on new Controller	Select if you want to use new Controller	Boolean	
Disk Provisioning Options			
Disk Provisioning	Select Thin/Thick Provisioning Options	vmwareStoragePolicy DiskProvisionTypeLov Provider	Y
Resizing Options for VM lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100 or Range such as 10-50	gen_text_input	
Allow user to select datastores from scope	Select if user is allowed to choose datastores during SR creation	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	VMware Storage Policy Name.	gen_text_input

VMware - Create VDC Storage Policy

Summary

Create a VMware storage policy.

Description

This task creates a VMware storage policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
Cloud Name	Cloud for which policy apply.	vmwareAccountName	Y
Use Ready Clone	Use Ready Clone	Boolean	
Enable Protection		Boolean	
Select Protection Group	Select Protection Group	gen_text_input	
Enable HX Protection		Boolean	
Select Protection Group	HX Protection Group	HyperFlexProtectionGroupIdentity	
System Disk Scope	System Disk Scope		
Use Linked Clone	Use Linked Clone	Boolean	
Storage Profile	Select a Storage Profile		
Data Stores/Datastore Clusters Scope	Specify type of data store/datastore clusters scope: include/exclude or all	scopetype	
Selected Datastore Clusters	List of Datastore Clusters for include/exclude	vmwaredatastorescluster	
Select SDRS Rule Type	Select a type	gen_text_input	
Select SDRS Rule	Select the VMs for which rule has to be applied	vmwareDatastoreClusterRuleIdentity	
Selected Data Stores	List of data stores selected for include/exclude	vmwaredatastores	
Use Shared Datastore Only	Select if shared datastore only to be used for VM storage allocation	Boolean	
Storage Options	Select from the storage options below		
Use Local Storage	Select if local storage to be used for VM storage allocation	Boolean	
Use NFS	Select if NFS storage to be used for VM storage allocation	Boolean	
Use SAN	Select if SAN storage to be used for VM storage allocation	Boolean	

Input	Description	Mappable To Type	Mandatory
Use VMFS	Select if VMFS storage to be used for VM storage allocation	Boolean	
Filter Conditions	Select one or more filter conditions		
Override Template	Select if template properties to be overridden	Boolean	
Use Thin Provisioning	Select if Thin Provisioning to be used during VM storage allocation	Boolean	
Manual Disk Size	Select if Manual Disk Size to be used during VM storage allocation	Boolean	
Resizing Options for VM Lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100 or Range such as 10-50	gen_text_input	
Allow User to Select Datastores from Scope	Select if user is allowed to choose datastores during SR creation	Boolean	
Additional Disk Policies	Additional Disk Policies		
Disk Policies	Add one or more Disk policies		
Hard Disk Policy	Hard Disk Policy		
Disks	Disks		

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	VMware Storage Policy Name.	gen_text_input
OUTPUT_VMWARE_STORAGE_POLICY_ID	Storage Policy ID	VMwareStoragePolicyID

VMware - Create VDC System Policy

Summary

Create a VMware system policy.

Description

This task creates a VMware system policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM Name.	gen_text_input	
Disable VM Name Uniqueness Check	VM name uniqueness check is skipped when this field is selected	Boolean	
VM Name Validation Policy	Select VM Name Validation Policy	namevalidationpolicy	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On After Deploy	Needs to be powered on after provisioning?	Boolean	
Hostname Template		gen_text_input	Y
Disable Hostname Uniqueness Check	VM hostname uniqueness check is skipped when this field is selected	Boolean	
Host Name Validation Policy	Select Host Name Validation Policy	namevalidationpolicy	
Linux Time Zone	Time Zone to be customized for Linux VM	linuxtimezone	Y
Linux VM Max Boot Wait Time	Linux VM Max Boot Time	vmmaxbootwaittime	Y
DNS Domain	DNS Domain	gen_text_input	Y
DNS Suffix List	DNS Suffix List	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	
VM Image Type	VM Image Type	imagetype	Y
Windows Parameters (applicable only for Windows)	Windows Only		
Product ID	Product ID	gen_text_input	
License Owner Name	Full name of license owner	gen_text_input	
Organization	Name of the organization	gen_text_input	
License Mode	License Mode	licensemode	

Input	Description	Mappable To Type	Mandatory
Number of License Users	Number of license users for the OS	gen_text_input	
Primary WINS	Primary WIN Server	gen_text_input	
Secondary WINS	Secondary WIN Server	gen_text_input	
Windows VM Max Boot Wait Time	Windows VM Max Boot Wait Time	vmmaxbootwaittime	
Auto Logon	Automatically logon after system powers.	Boolean	
Auto Logon Count	Automatically logon for the number of times as specified.	gen_text_input	
Administrator Password	Password used for Auto Logon and system deployment.	password	
Windows Time Zone	Time Zone to be customized for Windows VM	windowstimezone	
Domain/Workgroup	Belongs to a Windows domain or workgroup?	domain	
Workgroup	Specify Workgroup name.	gen_text_input	
Domain	Domain.	gen_text_input	
Domain Username	Domain Username	gen_text_input	
Domain Password	Domain Password	password	
Define VM Annotation	Define VM Annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	
Custom Attributes	Add one or more Custom Attributes	systemPolicy Annotation	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	VMware System Policy Name.	gen_text_input
OUTPUT_VMWARE_SYSTEM_POLICY_ID	System Policy ID	VMwareSystemPolicyID

VMware - Delete VDC Computing Policy

Summary

Deletes VMware computing policy.

Description

This task deletes VMware computing policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Computing Policy	Select Computing Policy	VMwareComputingPolicyID	Y

Outputs

No Outputs

VMware - Delete VDC Network Policy

Summary

Deletes VMware network policy.

Description

This task deletes VMware network policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Network Policy	Select Network Policy	VMwareNetworkPolicyID	Y

Outputs

No Outputs

VMware - Delete VDC Storage Policy

Summary

Deletes VMware storage policy.

Description

This task deletes VMware storage policy for a VMware account.

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Policy	Select Storage Policy	VMwareStoragePolicyID	Y

Outputs

No Outputs

VMware - Delete VDC System Policy

Summary

Deletes VMware system policy.

Description

This task deletes VMware system policy.

Inputs

Input	Description	Mappable To Type	Mandatory
System Policy	Select System Policy	VMwareSystemPolicyID	Y

Outputs

No Outputs

VMware - Edit NIC in VDC Network Policy

Summary

Modify the NICs of a VMware network policy.

Description

This task modifies the NICs of a VMware network policy for a given VMware account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareNetworkPoliciesList	Y
NIC Alias	NIC Alias	gen_text_input	Y
Mandatory	Mandatory or Optional	Boolean	
Allow end user to choose portgroups	Selecting this option enables end user to choose port groups during provisioning	Boolean	
Show policy level portgroups	Selecting this option along with allow end user to choose portgroups lists all the selected portgroups of NICS in the policy	Boolean	
Copy Adapter Type from Template	Copy Adapter Type from Template	Boolean	
Allow end user to override IP Address	Allow end user to override IP Address	Boolean	
Adapter Type	Select adapter type	NetworkAdapterType	
Modify Port Groups	Add or Edit Port Groups in the NIC	Boolean	
Add/Edit Port Group			
Add/Edit Port Group	Select whether to add new nic or edit existing nic	gen_text_input	
Port Groups Associated with NIC	Port Groups associated with NIC	vmwareVmPortGroupIdentity	
Port Group Name	Port Group Name	vmwareVmPortGroupIdentity	
IPv4 Configuration			
Select IP Address Type	Select IP Address Type	IPAddressType	
IPv6 Configuration			
IPv6	Configure IPv6	Boolean	
Select IP Address Type	Select IP Address Type	IPAddressType	

Outputs

Output	Description	Type
OUTPUT_VMWARE_NETWORK_POLICY_NAME	VMware Network Policy Name.	gen_text_input
OUTPUT_VMWARE_NIC_ALIAS	VMware NIC Alias	gen_text_input

VMware - Edit VDC Computing Policy

Summary

Modify a VMware computing policy.

Description

This task modifies the VMware guest OS ISO image mapping policy for a given VMware account and the policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Select the cloud name for which computing policy has to be created	vmwareAccountName	Y
Policy Name	Policy Name	vmwareComputingPoliciesList	Y
Policy Description	Policy Description	gen_text_input	
Host Node/Cluster Scope	Specify type of Host Node/Cluster Scope: include/exclude or all	scopeTypeComputing	
Selected Host Nodes	List of data stores selected for include/exclude	vmwareHostNameIdentity	
Selected Clusters	List of Datastore Clusters for include/exclude	vmwareMultiClusterIdentity	
Affinity Rules	Select Affinity Rules from the table	vmwareDatastoreClusterAffinityRule	
Resource Pool	Resource Pool	vmwareResourcePoolIdentity	
ESX Type	ESX Type		
ESX Version	ESX Version		
Filter Conditions	Select one or more filter conditions		
Deployment Options	Deployment Options		
Override Template	Select if template properties to be overridden	Boolean	
Number of vCPUs	Number of vCPUs	gen_text_input	
Cores per socket	Cores per socket	gen_text_input	
CPU Reservation (MHz)	CPU Reservation (MHz)	gen_text_input	
CPU Limit (MHz)	CPU Limit (MHz)	gen_text_input	
CPU Shares	CPU Shares	VMwareSharesLOV	
Memory (MB)	Memory (MB)	gen_text_input	
Reserve all Guest Memory	Reserve all guest memory(All locked)	Boolean	

Input	Description	Mappable To Type	Mandatory
Memory Reservation (MB)	Memory Reservation (MB)	gen_text_input	
Memory Limit (MB)	Memory (MB)	gen_text_input	
Memory Shares	Memory Shares	VMwareSharesLOV	
Resizing Options	Resizing Options		
Allow Resizing of VM	Allow resizing of VMs provisioned using this policy?	Boolean	
Permitted Values for v CPUs	Comma separated list of number of v CPUs, example: 1,2,4	gen_text_input	
Permitted Values for Cores per Socket	Enter comma separated list of numbers , Otherwise cores per socket configuration will not apply.	gen_text_input	
Permitted Values for Memory in MB	Comma separated list of memory values in MB, example: 512,1024,2048	gen_text_input	
Deploy to Folder	Slash (/) separated folder names to which VM may be deployed. It may include parameterized variables such as \${GROUP_NAME}	gen_text_input	
Deploy to Folder (SRM)	Slash (/) separated folder names to which VM may be deployed. It may include parameterized variables such as \${GROUP_NAME}	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_COMPUTING_POLICY_NAME	VMware Computing Policy Name.	gen_text_input

VMware - Edit VDC Guest OS ISO Image Mapping Policy

Summary

Modify a VMware guest OS ISO image mapping policy.

Description

This task modifies a VMware guest OS ISO image mapping policy for a given VMware account and the policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which policies apply.	vmwareAccountName	Y
Policy Name	Policy Name	vmwareGuestOsToIsoMappingPoliciesList	Y
Policy Description	Policy Description	gen_text_input	
Allow End User To Select Guest OS and ISO Image	Allow End User To Select Guest OS and ISO Image	Boolean	
ISO Mappings	Add one or more iso image mappings	GuestOSISOMappingList	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_GUESTOS_ISO_IMAGE_MAPPING_POLICY_NAME	VMware GuestOS ISO Image Mapping Policy Name.	gen_text_input

VMware - Edit VDC Network Policy

Summary

Modify a VMware Network policy.

Description

This task modifies the VMware Network policy for a given VMware account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which policies apply.	vmwareAccountName	Y
Policy Name	Policy Name	vmwareNetworkPolicies List	Y
Policy Description	Policy Description	gen_text_input	
Enable Protection	Enable SRM	Boolean	
Allow End User to select Optional NICs	Selecting this option enables end user to select optional NICs during provisioning	Boolean	
VM Networks	Add one or more networks	vmwarevmnetworks	

Outputs

Output	Description	Type
OUTPUT_VMWARE_NETWORK_POLICY_NAME	VMware Network Policy Name.	gen_text_input

VMware - Edit VDC Storage Additional Disk Policy

Summary

Modify an additional disk policy of a storage policy.

Description

This task modifies an additional disk policy of a storage policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareStoragePolicies List	Y
Disk Type	Select disk type	DiskType	Y
Same As System Disk Policy	Same as System disk policy	Boolean	
Databse Disk Scope	Storage Scope		
Use Linked Clone	Use Linked Clone	Boolean	
Data Stores/Datastore Clusters Scope	Specify type of data store/datastore clusters scope: include/exclude or all	scopetype	
Selected Data Stores	List of data stores selected for include/exclude	vmwaredatastores	
Selected Datastore Clusters	List of Datastore Clusters for include/exclude	vmwaredatastorescluster	
Use Shared Data Store only	Select if shared datastore only to be used for VM storage allocation	Boolean	
Storage Options	Select from the storage options below		
Use Local Storage	Select if local storage to be used for VM storage allocation	Boolean	
Use NFS	Select if NFS storage to be used for VM storage allocation	Boolean	
Use VMFS	Select if VMFS storage to be used for VM storage allocation	Boolean	
Use SAN	Select if SAN storage to be used for VM storage allocation	Boolean	
Filter Conditions	Select one or more filter conditions		
Resizing Options for VM lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	

Input	Description	Mappable To Type	Mandatory
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100 or Range such as 50-100	gen_text_input	
Allow user to select datastores from scope	Select if user is allowed to choose datastores during SR creation	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	VMware Storage Policy Name.	gen_text_input

VMware - Edit VDC Storage Hard Disk Policy

Summary

Modify a hard disk policy of a storage policy.

Description

This task modifies a hard disk policy of a storage policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareStoragePolicies List	Y
Disk Label	Disk Label	gen_text_input	Y
Disk Size (GB)	Disk Size in GB	gen_text_input	Y
Disk Type	Assign disk type to disk	DiskType	Y
Controller Options			
Controller Type	Select if you want to specific Controller Type	vmwareStoragePolicy DiskControllerTypeLov Provider	
Create Disk on new Controller	Select if you want to use new Controller	Boolean	
Disk Provisioning Options			
Disk Provisioning	Select Thin/Thick Provisioning Options	vmwareStoragePolicy DiskProvisionTypeLov Provider	Y
Resizing Options for VM lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	gen_text_input	
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100 or Range such as 50-100	gen_text_input	
Allow user to select datastores from scope	Select if user is allowed to choose datastores during SR creation	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	VMware Storage Policy Name.	gen_text_input

VMware - Edit VDC Storage Policy

Summary

Modify a VMware storage policy.

Description

This task modifies the VMware Storage policy for a given VMware account and policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name	Cloud for which policy apply.	vmwareAccountName	Y
Policy Name	Policy Name	vmwareStoragePolicies List	Y
Policy Description	Policy Description	gen_text_input	
Use Ready Clone	Use Ready Clone	Boolean	
Enable Protection			
Select Protection Group	Select Protection Group	gen_text_input	
Enable HX Protection		Boolean	
Select Protection Group	Select HX Protection Group	HyperFlexProtection GroupIdentity	
System Disk Scope	System Disk Scope		
Use Linked Clone	Use Linked Clone	Boolean	
Storage Profile	Select a Storage Profile		
Data Stores/Datastore Clusters Scope	Specify type of data store/datastore clusters scope: include/exclude or all	scopetype	
Selected Datastore Clusters	List of Datastore Clusters for include/exclude	vmwaredatastorescluster	
Select SDRS Rule Type	Select a type	gen_text_input	
Select SDRS Rule	Select the VMs for which rule has to be applied	vmwareDatastore ClusterRuleIdentity	
Selected Data Stores	List of data stores selected for include/exclude	vmwaredatastores	
Use Shared Datastore Only	Select if shared datastore only to be used for VM storage allocation	Boolean	
Storage Options	Select from the storage options below		
Use Local Storage	Select if local storage to be used for VM storage allocation	Boolean	
Use NFS	Select if NFS storage to be used for VM storage allocation	Boolean	

Input	Description	Mappable To Type	Mandatory
Use SAN	Select if SAN storage to be used for VM storage allocation	Boolean	
Use VMFS	Select if VMFS storage to be used for VM storage allocation		
Filter Conditions	Select one or more filter conditions		
Override Template	Select if template properties to be overridden	Boolean	
Use Thin Provisioning	Select if Thin Provisioning to be used during VM storage allocation	Boolean	
Manual Disk Size	Select if Manual Disk Size to be used during VM storage allocation	Boolean	
Resizing Options for VM Lifecycle	Post Deployment Resizing Options		
Allow Resizing of Disk	Allow resizing of disk provisioned using this policy?	Boolean	
Permitted Values for Disk in GB	Comma separated list of disk size values in GB, example: 10,50,100 or Range such as 10-50	gen_text_input	
Disks	Disks		
Disk Policies	Add one or more Disk policies		
Allow User to Select Datastores from Scope	Select if user is allowed to choose datastores during SR creation	Boolean	

Outputs

Output	Description	Type
OUTPUT_VMWARE_STORAGE_POLICY_NAME	VMware Storage Policy Name.	gen_text_input

VMware - Edit VDC System Policy

Summary

Modify a VMware System policy.

Description

This task modifies a VMware system policy given the policy name.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	vmwareSystemProfile LovProvider	Y
Policy Description	Policy Description	gen_text_input	
VM Name Template	If empty, name provided by end user is taken as VM Name.	gen_text_input	
Disable VM Name Uniqueness Check	VM name uniqueness check is skipped when this field is selected	Boolean	
VM Name Validation Policy	Select VM Name Validation Policy	namevalidationpolicy	
End User VM Name or VM Prefix	Allow end user to provide VM Name or VM Prefix?	Boolean	
Power On After Deploy	Needs to be powered on after provisioning?	Boolean	
Host Name Template		gen_text_input	Y
Disable Hostname Uniqueness Check	VM hostname uniqueness check is skipped when this field is selected	Boolean	
Hostname Validation Policy	Select Hostname Validation Policy	namevalidationpolicy	
Linux Time Zone	Time Zone to be customized for Linux VM	linuxtimezone	Y
Linux VM Max Boot Wait Time	Linux VM Max Boot Time	vmmaxbootwaittime	Y
DNS Domain	DNS Domain	gen_text_input	Y
DNS Suffix List	DNS Suffix List	gen_text_input	
DNS Server List	DNS Server List	gen_text_input	
VM Image Type	VM Image Type	imagetype	Y
Windows Parameters (applicable only for Windows)	Windows Only		
Product ID	Product ID	gen_text_input	
License Owner Name	Full name of license owner	gen_text_input	
Organization	Name of the organization	gen_text_input	

Input	Description	Mappable To Type	Mandatory
License Mode	License Mode	licensemode	
Number of License Users	Number of license users for the OS	gen_text_input	
Primary WINS	Primary WIN Server	gen_text_input	
Secondary WINS	Secondary WIN Server	gen_text_input	
Windows VM Max Boot Wait Time	Windows VM Max Boot Wait Time	gen_text_input	
Auto Logon	Automatically logon after system powers.	Boolean	
Auto Logon Count	Automatically logon for the number of times as specified.	gen_text_input	
Administrator Password	Password used for Auto Logon and system deployment.	password	
Windows Time Zone	Time Zone to be customized for Windows VM	windowstimezone	
Domain/Workgroup	Belongs to a Windows domain or workgroup?	domain	
Workgroup	Specify Workgroup name.	gen_text_input	
Domain	Domain.	gen_text_input	
Domain Username	Domain Username	gen_text_input	
Domain Password	Domain Password	password	
Define VM Annotation	Define VM Annotation	Boolean	
VM Annotation	Notes of the Annotation	gen_text_input	
Custom Attributes	Add one or more Custom Attributes	systemPolicy Annotation	

Outputs

Output	Description	Type
OUTPUT_VMWARE_SYSTEM_POLICY_NAME	VMware System Policy Name.	gen_text_input



VMware SRM Tasks

This chapter contains the following sections:

- [Add VMWare SRM Network Mapping, on page 3562](#)
- [Add VMware Protection Group to Recovery Plan, on page 3563](#)
- [Add VMware SRM Folder Mapping, on page 3564](#)
- [Add VMware SRM Resource Pool Mapping, on page 3565](#)
- [Create VMWare SRM Protection Group, on page 3566](#)
- [Protect VMware SRM VM, on page 3567](#)
- [Set VMware VM SRM Recovery Settings, on page 3568](#)
- [Unprotect VMWare SRM VMs, on page 3569](#)

Add VMWare SRM Network Mapping

Summary

Add an SRM network mapping.

Description

This task creates an SRM network mapping from the primary SRM server to the secondary server.

Inputs

Input	Description	Mappable To Type	Mandatory
Primary Port Group Type	Select Primary Port Group type from the Protected Site	portGroupType	Y
Select Primary Port Group	Select Primary Port Group from the Protected Site	portGroupIdentity	
Secondary Port Group Type	Select Secondary Port Group type from the Recovery Site	portGroupType	Y
Select Secondary Port Group	Select Secondary Port Group from the Recovery Site	portGroupIdentity	

Outputs

Output	Description	Type
OUTPUT_PRIMARY_PORT_GROUP_IDENTITY	Primary Port Group Identity	portGroupIdentity
OUTPUT_SECONDARY_PORT_GROUP_IDENTITY	Secondary Port Group Identity	portGroupIdentity
OUTPUT_PRIMARY_DV_PORT_GROUP_IDENTITY	Primary DV Port Group Identity	VMwareDVPortgroup Identity
OUTPUT_SECONDARY_DV_PORT_GROUP_IDENTITY	Secondary DV Port Group Identity	VMwareDVPortgroup Identity
OUTPUT_PRIMARY_PORT_GROUP_NAME	Primary Port Group Name	portGroupName
OUTPUT_SECONDARY_PORT_GROUP_NAME	Secondary Port Group Name	portGroupName
OUTPUT_PRIMARY_DVPORT_GROUP_NAME	Primary DV Port Group Name	dvPortGroupName
OUTPUT_SECONDARY_DVPORT_GROUP_NAME	Secondary DV Port Group Name	dvPortGroupName
OUTPUT_SRM_NETWORK_MAPPING	Srm Network Mapping Identity	VMware SrmNetwork MappingIdentity

Add VMware Protection Group to Recovery Plan

Summary

Add an SRM protection group to a recovery plan.

Description

This task adds an SRM protection group to a recovery plan.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Protection Group	Select the Protection Group to be added	vmwareSRMProtectionGroup Identity	Y
Select Recovery Plan	Select the target Recovery Plan	VMwareSrmRecoveryPlan Identity	Y

Outputs

Output	Description	Type
OUTPUT_SRM_PROTECTION_GROUP_IDENTITY	Srm Protection Group Identity	vmwareSRMProtectionGroup Identity
OUTPUT_SRM_RECOVERY_PLAN_IDENTITY	Srm Recovery Plan Identity	VMwareSrmRecoveryPlan Identity

Add VMware SRM Folder Mapping

Summary

Add an SRM folder mapping.

Description

This task creates a SRM folder mapping from primary SRM server to the secondary server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Primary Folder	Select Primary Folder from the Protected Site	VMwareFolderIdentity	Y
Select Secondary Folder	Select Secondary Folder from the Recovery Site	VMwareFolderIdentity	Y

Outputs

Output	Description	Type
OUTPUT_PRIMARY_FOLDER_IDENTITY	Primary Folder Identity	VMwareFolderIdentity
OUTPUT_SECONDARY_FOLDER_IDENTITY	Secondary Folder Identity	VMwareFolderIdentity
OUTPUT_PRIMARY_FOLDER_NAME	Primary Folder Name	VMwareFolderName
OUTPUT_SECONDARY_FOLDER_NAME	Secondary Folder Name	VMwareFolderName
OUTPUT_PRIMARY_DATACENTER_NAME	Primary Data Center Name	vmwareDatacenterName
OUTPUT_SECONDARY_DATACENTER_NAME	Secondary Data Center Name	vmwareDatacenterName
OUTPUT_SRM_FOLDER_MAPPING	Srm Folder Mapping Identity	VMwareSrmFolderMapping Identity

Add VMware SRM Resource Pool Mapping

Summary

Add an SRM resource pool mapping.

Description

This task creates an SRM resource pool mapping from the primary SRM server to the secondary server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Primary Resource Pool	Select Primary Resource Pool from the Protected Site	vmwareResourcePool Identity	Y
Select Secondary Resource Pool	Select Secondary Resource Pool from the Recovery Site	vmwareResourcePool Identity	Y

Outputs

Output	Description	Type
OUTPUT_PRIMARY_RESOURCEPOOL_IDENTITY	Primary Resource Pool Identity	vmwareResourcePoolIdentity
OUTPUT_SECONDARY_RESOURCEPOOL_IDENTITY	Secondary Resource Pool Identity	vmwareResourcePoolIdentity
OUTPUT_PRIMARY_RESOURCEPOOL_NAME	Primary Resource Pool Name	vmwareResourcePoolName
OUTPUT_SECONDARY_RESOURCEPOOL_NAME	Secondary Resource Pool Name	vmwareResourcePoolName
OUTPUT_SRM_RESOURCEPOOL_MAPPING	Srm Resource Pool Mapping Identity	VMwareSrmResourcePool MappingIdentity

Create VMWare SRM Protection Group

Summary

Creates an SRM protection group.

Description

This creates an SRM protection group.

Inputs

Input	Description	Mappable To Type	Mandatory
Name	Name of the Protection Group	gen_text_input	Y
Description	Description	gen_text_input	
Datastores	Select Unassigned Replicated Datastores	vmwareMultiDatastoreIdentity	Y

Outputs

Output	Description	Type
OUTPUT_SRM_PROTECTION_GROUP_IDENTITY	Protection Group Identity	gen_text_input
OUTPUT_SRM_PROTECTION_GROUP_NAME	Protection Group Name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input

Protect VMware SRM VM

Summary

Adds protection to a VMware SRM VM.

Description

This task adds protection to a VM in a VMware SRM protection group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Protection Group	Select Protection group	vmwareSRMProtectionGroup Identity	Y
Select VMs	select vms which need to be protected	multiVM	Y

Outputs

Output	Description	Type
OUTPUT_SRM_PROTECTION_GROUP_IDENTITY	Protection Group Identity	gen_text_input
OUTPUT_SRM_PROTECTION_GROUP_NAME	Protection Group Name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Set VMware VM SRM Recovery Settings

Summary

Set an SRM VM recovery settings.

Description

This task applies recovery settings to a VMware VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Recovery Plan	Select the Recovery Plan	VMwareSrmRecoveryPlan Identity	Y
Select Protection Group	Select the Protection Group	vmwareSRMProtectionGroup Identity	Y
Select VM	Select VM	VMwareSrmVMIdentity	Y
Select Recovery Priority	Select Recovery Priority	gen_text_input	Y
Select Final Power State	Select Final Power State	gen_text_input	Y
Power On Timeout	Power On Timeout	gen_text_input	Y
Power On Delay	Power On Delay	gen_text_input	Y
Power Off Timeout	Power Off Timeout	gen_text_input	Y
Skip Customization	Skip Customization	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SRM_PROTECTION_GROUP_IDENTITY	Srm Protection Group Identity	vmwareSRMProtectionGroup Identity
OUTPUT_SRM_VM_IDENTITY	SRM VM Identity	vm
OUTPUT_SRM_RECOVERY_PLAN_IDENTITY	Srm Recovery Plan Identity	VMwareSrmRecoveryPlan Identity

Unprotect VMWare SRM VMs

Summary

Removes protection from a VMware SRM VM.

Description

This task removes protection from a VM in a VMware SRM protection group.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Protection Group	Select Protection group	vmwareSRMProtectionGroup Identity	Y
Select VMs	select vms which need to be unprotected	multiVM	Y

Outputs

Output	Description	Type
OUTPUT_SRM_PROTECTION_GROUP_IDENTITY	Protection Group Identity	gen_text_input
OUTPUT_SRM_PROTECTION_GROUP_NAME	Protection Group Name	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm



VMware Storage Tasks

This chapter contains the following sections:

- [Create Storage Profile, on page 3572](#)
- [Delete VMWare Storage Profile, on page 3574](#)
- [Edit VMware Storage Profile, on page 3575](#)
- [Rescan VMWare Storage Adapter, on page 3577](#)

Create Storage Profile

Summary

Creates a storage profile.

Description

The task creates a storage profile in an account.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name:		vmwareCloudNamesList	Y
Storage Profile Name:		gen_text_input	Y
Description:		gen_text_input	
Rule-Set: Rules based on vendor-specific capabilities			
Vendor		VMwareStorageProfileVendorType	Y
Number of disk Stripes Per Object	The number of HDDs across which each replica of a storage object is striped. A value higher than 1 may result in better performance, but also results in higher use of system resources. Default value: 1, Maximum value: 12	gen_text_input	
Flash read cache reservation (%)	Flash capacity reserved as a read cache for the storage object. Specified as a percentage of the logical size of the object. To be used only for addressing read performance issues. Reserved flash capacity cannot be used by other object. Unreserved flash is shared fairly among all objects. Default value: 0, Maximum value: 100	gen_text_input	
Number of failures to tolerate:	Defines the number of host, disk or network failures a storage object can tolerate. For n failures tolerated, 'n+1' copies of the object are created and 2n+1 hosts contributing storage are required. Default value: 1, Maximum value: 3	gen_text_input	
Force provisioning:	If this option is Yes, the object will be provisioned even if the policy specified in the storage policy is not satisfiable with the resources currently available in the cluster. VSAN will try to bring the object into compliance if and when the resources become available. Default Value: No	VMwareStorageProfileForceProvisioningTypeList	

Input	Description	Mappable To Type	Mandatory
Object space reservation (%):	Percentage of the logical size of the storage object that will be reserved upon VM provisioning. The rest of the storage object is thin provisioned. Default value:0, Maximum Value:100	gen_text_input	

Outputs

Output	Description	Type
VSAN Storage Profile Identity	VSAN Storage Profile Identity	vsan storage profile
VSAN Storage Profile Name	VSAN Storage Profile Name	vsan storage name

Delete VMWare Storage Profile

Summary

Deletes a storage profile.

Description

The task deletes a storage profile from an account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select a cloud	vmwareCloudNamesList	Y
Storage Profile	Select a Storage Profile	VMwareStorageProfileList	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input

Edit VMware Storage Profile

Summary

Edits a storage profile.

Description

The task modifies a storage profile in an account.

Inputs

Input	Description	Mappable To Type	Mandatory
Cloud Name:		vmwareCloudNamesList	Y
Storage Profile Name:		VMwareStorageProfileList	Y
Description:		gen_text_input	
Rule-Set: Rules based on vendor-specific capabilities			
Vendor		VMwareStorageProfileVendorType	Y
Number of disk Stripes Per Object	The number of HDDs across which each replica of a storage object is striped. A value higher than 1 may result in better performance, but also results in higher use of system resources. Default value: 1, Maximum value: 12	gen_text_input	
Flash read cache reservation (%)	Flash capacity reserved as a read cache for the storage object. Specified as a percentage of the logical size of the object. To be used only for addressing read performance issues. Reserved flash capacity cannot be used by other object. Unreserved flash is shared fairly among all objects. Default value: 0, Maximum value: 100	gen_text_input	
Number of failures to tolerate:	Defines the number of host, disk or network failures a storage object can tolerate. For n failures tolerated, 'n+1' copies of the object are created and 2n+1 hosts contributing storage are required. Default value: 1, Maximum value: 3	gen_text_input	
Force provisioning:	If this option is Yes, the object will be provisioned even if the policy specified in the storage policy is not satisfiable with the resources currently available in the cluster. VSAN will try to bring the object into compliance if and when the resources become available. Default Value: No	VMwareStorageProfileForceProvisioningTypeList	

Input	Description	Mappable To Type	Mandatory
Object space reservation (%):	Percentage of the logical size of the storage object that will be reserved upon VM provisioning. The rest of the storage object is thin provisioned. Default value:0, Maximum Value:100	gen_text_input	

Outputs

Output	Description	Type
VSAN Storage Profile Identity	VSAN Storage Profile Identity	vsan storage profile
VSAN Storage Profile Name	VSAN Storage Profile Name	vsan storage name

Rescan VMWare Storage Adapter

Summary

Rescans the storage adapter on a host or a cluster.

Description

The task rescans the storage or host bus adapter on a host or a cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name to register the host node with	gen_text_input	Y
Rescan Host Node/Cluster	Rescan Host Node/Cluster	gen_text_input	Y
Host Node	The hode node IPAddress that is to be registered with the cloud	gen_text_input	Y
Cluster	Select a cluster for rescan	gen_text_input	Y

Outputs

Output	Description	Type
HOST_NAME_AND_ACCOUNT	Host Name and cloud account	vmHost
CLUSTER_NAME_AND_ACCOUNT	Cluster Name and cloud account	cluster



VMware VM Tasks

This chapter contains the following sections:

- [Add Raw Device VM Disk, on page 3581](#)
- [Assign VMs to VDC, on page 3582](#)
- [Assign VMware Image to Group, on page 3583](#)
- [Clone VM as Image, on page 3584](#)
- [Convert VM as Image, on page 3585](#)
- [Convert VMware Image to VM, on page 3586](#)
- [Create VM Disk, on page 3587](#)
- [Create VM Snapshot, on page 3588](#)
- [Delete Multiple VMware VM, on page 3589](#)
- [Delete VM Disk, on page 3590](#)
- [Delete VMware VM Snapshot, on page 3591](#)
- [Delete VMware Image, on page 3592](#)
- [Delete VMware VM, on page 3593](#)
- [Delete all VMware VM Snapshots, on page 3594](#)
- [Execute VIX Script, on page 3595](#)
- [Execute VM Command, on page 3596](#)
- [File Explorer, on page 3597](#)
- [Guest Operations, on page 3598](#)
- [Guest Setup, on page 3600](#)
- [Import OVF to VMware Cloud, on page 3601](#)
- [Mark/Unmark VMware VM As Golden Snapshot, on page 3602](#)
- [Migrate VMware VM, on page 3603](#)
- [Provision new VMware VM, on page 3604](#)
- [Remove VMware VM CD/DVD Drive, on page 3605](#)
- [Resize VM Memory and CPU, on page 3606](#)
- [Resize VMware Generic Datastore, on page 3607](#)
- [Resize VMware VM Disk, on page 3608](#)
- [Resync VMware VM, on page 3609](#)
- [Revert VM Snapshot, on page 3610](#)
- [Save VMware VM as Template, on page 3611](#)
- [Sync Subscribed Content Library, on page 3612](#)
- [Unassign VMware Image from Group, on page 3613](#)

- [VM Configure VNC, on page 3614](#)
- [VM Disable VNC, on page 3615](#)
- [VMware - Add Annotation To VMs, on page 3616](#)
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- [VMware - Guest Customization, on page 3618](#)
- [VMware - Mount ISO on a VM, on page 3620](#)
- [VMware - Provision a Blank VM, on page 3621](#)
- [VMware - Provision a VM without VDC, on page 3623](#)
- [VMware - Unmount ISO from a VM, on page 3625](#)
- [VMware Resource Allocation, on page 3626](#)
- [VMware VM Provision, on page 3627](#)

Add Raw Device VM Disk

Summary

Add a LUN as an RDM disk to a VM.

Description

This task adds a LUN as an RDM disk to a VM. Inputs include:

- VM: Select the VM for which to add a raw device as a disk.
- LUN: Select the LUN that is mapped with the ESXi host. The ESXi Host is identified based on the selected VM. This task input can also be mapped with input type LUN_NAA_ID.
- Compatibility Mode: Virtual Compatibility Mode makes an RDM behave exactly like a virtual disk file, including the use of snapshots. Physical Compatibility Mode enables direct access of the SCSI device for those applications that need lower level control.
- Virtual Device Node: Select the virtual device node.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which to add Raw device as disk.	vm	Y
Select Target LUN	Select LUN for mapping to VM Disk.	vmwareHostNodeSCSILUN	Y
Compatibility Mode	Select Compatibility Mode.	vmwareDiskRawDeviceCompatibilityMode	
Virtual Device Node	Select Virtual Device Node.	vmwareVirtualDeviceNode	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_VM_DISK_LABEL	VM Disk Label	gen_text_input

Assign VMs to VDC

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select cloud name.	vmwareAccountName	Y
Select VM	Select the VM	multiVM	Y
vDC Name	Select vDC to which VMs to migrated	vDC	Y

Outputs

No Outputs

Assign VMware Image to Group

Summary

Assign VMware image to group.

Description

This task assigns a VMware image to a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Image	Select the image.	image	Y
Assign To Users	Select this option to allow resource assignment to users.		
User Group ID	Select the group to assign to resource pool.	gen_text_input	Y
Comments	Enter comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_GROUP_ID	Group ID	userGroup
IMAGE_NAME	Name of the Template on which the selected operation was performed	gen_text_input
OUTPUT_VMWARE_IMAGE_IDENTITY	Image identity	image

Clone VM as Image

Summary

Creates an image from a virtual machine.

Description

This task creates an image from a VM. This task can be used to clone the behavior of an existing VM. The output of this task is an image name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM from which image is cloned	vm	Y
Name for the Image	Name for the Image (may include template parameters)	gen_text_input	
Assign Image To Group	Select this option to assign newly created image to particular group	gen_text_input	
Group ID	Image will be associated to selected group	gen_text_input	

Outputs

Output	Description	Type
IMAGE_NAME	Name of the Template on which the selected operation was performed	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup
OUTPUT_VMWARE_IMAGE_IDENTITY	Image identity	image

Convert VM as Image

Summary

Converts a VM to an image.

Description

This task converts an existing VM to an image. After converting a VM to an image, the VM no longer exists. The output of this task is an image name, that was converted from a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM which is converted to template	vm	Y
Assign Image To Group	Select this option to assign newly created image to particular group	gen_text_input	
Group ID	Image will be associated to selected group	gen_text_input	

Outputs

Output	Description	Type
IMAGE_NAME	Name of the Template on which the selected operation was performed	gen_text_input
OUTPUT_GROUP_ID	Group ID	userGroup

Convert VMware Image to VM

Summary

Converts an image to a VM.

Description

This task converts an existing image to a VM. After converting an image to VM, the image no longer exists. The output of this task is a VM name, that was converted from an image.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image	Select the Image which will be converted to VM	image	Y
Assign VM	Select this option to assign vm to particular group	Boolean	
vDC	Virtual Data Center (cannot be a container)	vDC	
Category	VM Category	vdcCategory	
VM User Label	VM User Label	gen_text_input	
Set Provision Time	Select this to set VM Provision Time to the specified time.	Boolean	
Provision Date/Time	VM Provision time will be set to specified time	date_time	
Comments	Comments	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Create VM Disk

Summary

Creates a new virtual disk for the VM.

Description

This creates a virtual hard disk as a storage device in a specified datastore for the VM. The Virtual hard disk can be created on the same datastore on which VM is configured or on a different datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which disk need to be created	vm	Y
Disk Size (GB)	Enter size of the disk	gen_text_input	Y
Select Disk Type	Select Disk Type	DiskType	
Select Datastore/Datastore Cluster	Select Datastore/Datastore Cluster	DatastoreOrDatastore Cluster	
Select Datastore	Select a datastore name	dataStoreName	
Select Datastore Cluster	Select a datastore cluster name	dataStoreClusterName	
Thin Provisioning	Do you want to allocate and commit space on demand?		

Outputs

No Outputs

Create VM Snapshot

Summary

Creates a snapshot of a Virtual Machine.

Description

This task backs up an existing VM as a snapshot for use as backup in case of failure. Output of this task is the name of the snapshot that was created.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which snapshot need to be created	vm	Y
Snapshot Name	Name of the snapshot	gen_text_input	Y
Snapshot Memory	Whether to do a snapshot of memory		
Quiesce Filesystem	Whether to quiesce file system		

Outputs

Output	Description	Type
SNAPSHOT_NAME	Name of the Snapshot on which the selected operation was performed	gen_text_input
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Delete Multiple VMware VM

Summary

Delete multiple VMware VMs.

Description

This task deletes one or more VMware VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMs	Select the VMs to be deleted	multiVM	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Delete VM Disk

Summary

Deletes a virtual disk for the VM.

Description

This task deletes the specified virtual hard disk for the VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which disk need to be deleted	vm	Y
Select Disk Name	Select a disk name	gen_text_input	

Outputs

No Outputs

Delete VMWare VM Snapshot

Summary

Delete a snapshot of Virtual Machine.

Description

This task deletes an existing snapshot of a VM. Use this task to clean up old snapshots to free up disk space. Over time when lots of snapshots are created, older or unwanted snapshots can be deleted to free up disk space.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to delete a snapshot	vm	Y
Snapshot Name	Name of the snapshot to be deleted	gen_text_input	Y
Delete Children	Deletes all children of the selected snapshot also		

Outputs

Output	Description	Type
SNAPSHOT_NAME	Name of the Snapshot on which the selected operation was performed	gen_text_input
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Delete VMware Image

Summary

Deletes a VMware image.

Description

This task deletes a VMware image.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Image	Select the Image to be deleted	image	Y

Outputs

Output	Description	Type
IMAGE_NAME	Name of the Template on which the selected operation was performed	gen_text_input

Delete VMware VM

Summary

Deletes a VMware VM.

Description

This task deletes a VMware VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to be deleted	vm	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Delete all VMware VM Snapshots

Summary

Delete all the snapshots of a Virtual Machine.

Description

This task deletes all the snapshots of a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to delete all snapshots	vm	Y

Outputs

No Outputs

Execute VIX Script

Summary

Executes the VIX script to handle Guest OS commands.

Description

This task executes commands on the guest OS. You can configure parameters in the guest OS using the script commands. If the command parameters contain variables such as `${variable}` then the command must escape backslashes using four backslashes `\\\\" instead of two. '\'. For example:`

`c:\sqlinstall\install.cmd ${SQL_INSTANCE_NAME}` must be passed as `c:\\\\sqlinstall\\\\install.cmd ${SQL_INSTANCE_NAME}`. The output of this task is the status code of the VIX script. In a windows VM, when Output display and Invoke Guest Operations API are both set to false, then you must provide the `/c` flag in the script input. If the `/c` flag is missing under those conditions, then the task is blocked and UCSD times out. If Output display is false and Invoke Guest Operations API is true, then the task fails with error code -1.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to execute the VIX Action	vm	Y
Credential Type	Credential Type		Y
Login	Login	gen_text_input	
Password	Password	password	
Script	Script		Y
Undo Script	Undo Script		
Error Codes	Enter comma separated error codes	gen_text_input	
Output Display	Output Display	gen_text_input	Y
Invoke Guest Operations API	Invoke Guest Operations API	gen_text_input	

Outputs

Output	Description	Type
EXIT_STATUS_CODE	Exit Status code of VIX Script	gen_text_input
ERROR_STATUS_MESSAGE	Failure Message of VIX Script	gen_text_input

Execute VM Command

Summary

Executes a command on the VM.

Description

The task executes a command on the selected VM. You must provide the command path and command arguments.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which command to be run.	vm	Y
User Name	Enter VM login user name.		Y
Password	Enter VM login password.		Y
Command Path	Enter command path.	gen_text_input	Y
Command Arguments	Enter command arguments.	gen_text_input	

Outputs

No Outputs

File Explorer

Summary

Uploads or downloads a file to or from the VM.

Description

The task uploads a file to the VM or downloads a file from the VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which filer operation like upload/download need to be done.	vm	Y
User Name	Enter VM login user name.		Y
Password	Enter VM login password.		Y
File Upload	Select option to upload file.		
Local File Path	Select path of the local file.	gen_text_input	
Guest File Path	Select path of the VM Guest file.	gen_text_input	
File Download	Select option to download file.		
Guest File Path	Select path of the VM Guest file.	gen_text_input	
Local Download Location	Select path of the local file.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_UPLOAD_TO_VM_FILE_PATH	Uploaded File Path	gen_text_input
OUTPUT_UPLOAD_TO_VM_FILE_NAME	Uploaded File Name	gen_text_input
OUTPUT_DOWNLOAD_FROM_VM_FILE_PATH	Downloaded File Path	gen_text_input
OUTPUT_DOWNLOAD_FROM_VM_FILE_NAME	Downloaded File Name	gen_text_input

Guest Operations

Summary

Execute guest operations to handle a guest OS.

Description

This task executes commands in a guest OS. You can configure parameters in a guest OS using script commands. If the command parameters contain variables such as `${variable}` then the command must escape backslashes using four backslashes '\\\\' instead of two. '\\'. For example: `c:\sqlinstall\install.cmd` `${SQL_INSTANCE_NAME}` must be passed as `c:\\\\sqlinstall\\\\install.cmd` `${SQL_INSTANCE_NAME}`. You can upload a file to the guest and execute the uploaded file. The outputs of this task include status code, error messages, and command output.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which command to be run.	vm	Y
User Name	Enter VM login user name.	gen_text_input	Y
Password	Enter VM login password.	password	Y
OS Type	Select Guest OS Type	vmwareGuestOSTypeList	Y
Guest Operations	Select action to perform action on Guest	vmwareVIXGuestOperationList	
Upload File	Select file that needs to be uploaded to Guest	fileUpload	
Guest OS Folder Path	Enter Guest OS Folder Path to which the files must be uploaded. Example folder Paths: Windows[C:\UCSDGuestFiles\], Linux[/tmp/UCSDGuestFiles/].	gen_text_input	
Wait Time To Complete(seconds)	Enter wait time for VMWare Guest operation to complete.	gen_text_input	
Executable Path and Options	Based on the executor path this task decides whether to execute through powershell or batch script. we can provide options along with Executor Path. Example:PowerShell Path [C:\Windows\System32\WindowsPowerShell\v1.0\PowerShell.exe]. CommandLine Path[C:\WINDOWS\system32\cmd.exe]	gen_text_input	
Command Path	Enter command path.	gen_text_input	
Undo Script	Undo Script for rollback	gen_text_input	
Error Codes	Enter comma seperated error codes	gen_text_input	

Outputs

Output	Description	Type
EXIT_STATUS_CODE	Exit status code of Guest Operations script	gen_text_input

Output	Description	Type
ERROR_STATUS_MESSAGE	Failure message of Guest Operations script	gen_text_input
COMMAND_OUTPUT	Command Output of Guest Operations script	gen_text_input

Guest Setup

Summary

Resets the Guest OS root password.

Description

This task resets the root password on the Guest OS of the VM. The output of this task is a reset root password.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to perform the Guest Setup action	vm	Y
Credential Options	Credential Options	gen_text_input	
User ID	VM User ID	vm_userID	Y
Password	VM Password	vm_password	Y

Outputs

Output	Description	Type
NEW_PASSWORD	New password	password

Import OVF to VMware Cloud

Summary

Import an OVF image to a VMware cloud

Description

This task imports OVF packages into the UCS Director system. For example, you can create a virtual machine within VMware and export it into an OVF package for installation, either within your organization or for distribution to other organizations. An OVF package consists of pre configured virtual machines that package applications with the operating system that they require. This task supports both files uploaded to UCS Director and HTTP URLs such as "http://222.11.22.111/Release/month/test_OVF.ovf". UCS Director uses this task to import virtual machines packaged in OVF format into the vCenter VMware Cloud. The output of this task is a virtual machine created on the vCenter VMware Cloud.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC on which to perform the action	vDC	Y
Select file from Appliance Storage	Select file from Appliance Storage		
OVF File	OVF File	gen_text_input	Y
OVF URL	OVF URL	gen_text_input	Y
VM Name	Unique VM Name	gen_text_input	
Username	User Name	gen_text_input	
Password	Password	password	
Enable Guest Customization	Enable Guest Customization	Boolean	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_OVF_VM_OSTYPE	VM OS Type	gen_text_input
OUTPUT_OVF_VM_NICS	VM NICs	gen_text_input
OUTPUT_OVF_USERNAME	OVF Username	gen_text_input
OUTPUT_OVF_PASSWORD	OVF Password	password
OUTPUT_OVF_VM_VCPU	No of vCPUs	gen_text_input
OUTPUT_OVF_VM_MEMORYMB	Memory(MB)	gen_text_input
OUTPUT_OVF_VM_DISKGB	Disk(GB)	gen_text_input
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input

Mark/Unmark VMware VM As Golden Snapshot

Summary

Mark or Unmark a snapshot as a golden snapshot.

Description

This task adds or removes the "golden snapshot" designation to a snapshot. A golden snapshot cannot be deleted. To delete a golden snapshot, revert it back to non-golden. Output of this task is the name of the snapshot whose status was changed.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to mark a snapshot as golden snapshot	vm	Y
Name of the snapshot	Name of the snapshot to be marked as golden snapshot	gen_text_input	Y
Mark As Golden Snapshot	Mark or Unmark the selected snapshot as golden snapshot.		

Outputs

No Outputs

Migrate VMWare VM

Summary

Migrates a VM to a new host or a new datastore.

Description

This task migrates a VM to a new host, a new datastore, or to both a new host and a new datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Select the cloud name to migrate the Account Name	vmwareAccountName	Y
Select VM	Select the VM to be migrated	vm	Y
Migration Type	Change the virtual machine's host, datastore or both	vmwareMigrationType Selector	Y
Host Node	The hostnode where the VM need to be migrated to	vmwareHostNodeIdentity	
Datastore	Select the datastore where the VM need to be migrated to	dataStoreName	
Modify Networks	Modify source VM networks to target host networks	Boolean	
VM Networks	select one or more networks	VMMigrateNetworksList	

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Provision new VMware VM

Summary

Provision a new VM.

Description

This task provisions a new VM using an ISO Image.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Catalog	Select Catalog on which to perform the action	catalog	Y
Select vDC	Select vDC on which to perform the action	vDC	Y
VM Name	Unique VM Name	gen_text_input	
Guest OS	Guest OS Identifier	VMWareGuestOsToISOMappingList	Y
Number of vCPUs	Number of vCPUs to allocate	vCPUCount	
Cores Per Socket	Cores per Socket	coresPerSocket	
Memory	Amount of memory to allocate	memSizeMB	
Disk	Amount of disk to allocate	diskSizeGB	
Category	This selection will override the catalog category	ucsdApplicationCategory	
Storage Tier	Storage Tier	storageTierPolicy	
Disk Datastores	Disk Datastores		
Override Datastore and Size		ISODiskDatastoreOverride	
VM Disks	Enter Disk Datastores information in JSON Format	gen_text_input	

Outputs

Output	Description	Type
PROVISIONED_VM_ID	ID of provisioned virtual machine	vm
ISO_IMAGE_PATH	ISO Image Path which is used for CDROM Mounting	gen_text_input

Remove VMWare VM CD/DVD Drive

Summary

VM Remove a CD or DVD Drive.

Description

This task removes a VMware CD or DVD drive.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which iso image need to be unmounted	vm	Y
Unit No	Select the unit no of CD/DVD Drive which needs to be removed	gen_text_input	Y
Controller Key	Select the controller key of CD/DVD Drive which needs to be removed	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Resize VM Memory and CPU

Summary

Reconfigures the memory size and the CPU size of virtual machine .

Description

This task modifies the VM's memory size and CPU size. You can reconfigure the VM's resources depending upon your requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the on which to perform the action	vm	Y
Number of vCPUs	Number of vCPUs to allocate	vCPUCount	
Cores Per Socket	Cores Per Socket	coresPerSocket	
Current Allocated Memory (GB)	VM Memory	memSizeGB	
Memory (GB)	New Memory in GB Enter a numeric value in this field. This numeric value must be among the comma separated values specified in the Computing policy associated with this VM. For VMs that are not associated with any Computing Policy, you will be able to provide your own numeric values based on the resource availability.	memSizeGB	Y

Outputs

No Outputs

Resize VMWare Generic Datastore

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Datastore Association	Select the VM association status for the Datastore for which resize needs to be done	DataStore Association	Y
Select VM	Optionally select a VM for resizing the storage on	vm	Y
Datastore Name	Datastore Name	vmwareDatastoreAccount Identity	Y
Storage Size (GB)	Storage Size (GB)	dataStoreSize	Y

Outputs

No Outputs

Resize VMWare VM Disk

Summary

Reconfigures the disk size of a virtual machine.

Description

This task modifies the VM's disk size. You can reconfigure the VM's disk size depending upon your requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which to be resized	vm	Y
Select Disk	VM Disk	gen_text_input	Y
Total Provisioned (GB)	VM Disk	gen_text_input	
New Disk Size (GB)	New Disk Size of the VM	gen_text_input	Y

Outputs

No Outputs

Resync VMware VM

Summary

Resyncs a VM.

Description

This task resyncs or refreshes a VM and gets the latest updates on the VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM to wait for network status	vm	Y
Max Wait Time (minutes)	Max Wait Time in minutes		Y

Outputs

Output	Description	Type
VM_ID	VMID of the Selected VM	gen_text_input
VM_NAME	Name of the Selected VM	gen_text_input
VM_ACCOUNTNAME	Account Name of the Selected VM	accountName
VM_PRIMARYIP	Primary IP Address of the VM	ipaddress
VM_HOST	Host Name of the selected VM	vmHost
VM_STATUS	Status the VM	gen_text_input
VM_NUM_NICS	Number of NICS on the VM	gen_text_input
VM_NIC_NAME_0	Name of the NIC0	gen_text_input
VM_NIC_PORTGROUP_0	Portgroup of the NIC0	gen_text_input
VM_NIC_IP_0	IP Address of the NIC0	ipaddress
VM_NIC_NAME_1	Name of the NIC1	gen_text_input
VM_NIC_PORTGROUP_1	Portgroup of the NIC1	gen_text_input
VM_NIC_IP_1	IP Address of the NIC1	ipaddress
VM_NIC_NAME_2	Name of the NIC2	gen_text_input
VM_NIC_PORTGROUP_2	Portgroup of the NIC2	gen_text_input
VM_NIC_IP_2	IP Address of the NIC2	ipaddress
VM_NIC_NAME_3	Name of the NIC3	gen_text_input
VM_NIC_PORTGROUP_3	Portgroup of the NIC3	gen_text_input
VM_NIC_IP_3	IP Address of the NIC3	ipaddress

Revert VM Snapshot

Summary

Revert a VM to a snapshot.

Description

This task reverts a VM to a user-specified snapshot. Use this task when a VM is corrupted or there is loss of data to revert to any of the VM's snapshots.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM on which to perform snapshot revert action	vm	Y
Snapshot Name	Name of the snapshot	gen_text_input	Y

Outputs

Output	Description	Type
SNAPSHOT_NAME	Name of the Snapshot on which the selected operation was performed	gen_text_input
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm

Save VMware VM as Template

Summary

Create a template from a virtual machine.

Description

This task creates a template from a VM. This task can be used to clone the behavior of an existing VM. The output of this task is a template name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM which should be saved as template	vm	Y
Name for the Template	Name for the Template (may include template parameters)	gen_text_input	
Publish to Catalog	When checked published as a catalog item to the initiating user group, incase of admin it is applied to all groups.		

Outputs

Output	Description	Type
IMAGE_NAME	Name of the Template on which the selected operation was performed	gen_text_input
OUTPUT_CATALOG_ID	ID of the Catalog on which the selected operation was performed	catalog

Sync Subscribed Content Library

Summary

Synchronizes a subscribed content library.

Description

This task synchronizes the selected subscribed content library in the virtual account.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		vmwareAccountName	Y
Select content Library	Select content Library	CONTENT_LIBRARY_ IDENTITY_OPTION	Y

Outputs

No Outputs

Unassign VMware Image from Group

Summary

Unassign VMware image from group.

Description

This task unassigns a VMware image from a group.

Inputs

Input	Description	Mappable To Type	Mandatory
Image	Select the image.	image	Y

Outputs

No Outputs

VM Configure VNC

Summary

Configures VNC on the VM.

Description

This task configures VNC console access on a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the on which to perform VNC action	vm	Y
Keyboard Mapping	Select the Keyboard Mapping	vmwareVmVNCKeyBoard Map	

Outputs

No Outputs

VM Disable VNC

Summary

Disables VNC console access.

Description

This task disables VNC Console access to the VM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the on which to perform VNC action	vm	Y

Outputs

No Outputs

VMware - Add Annotation To VMs

Summary

VMware - Add Annotation To VMs.

Description

This task adds annotations to VMs. Note: Custom attributes apply to all virtual machines in the inventory.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VMs	Select the VMs for which annotation need to be added	multiVM	Y
Annotation Label	Enter annotation label	gen_text_input	Y
Annotation Value	Enter annotation value	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of virtual machine	vm

VMware - Get Snapshots

Summary

Get the Snapshot information.

Description

This task lists all the snapshots information for the selected VM Template.

Inputs

Input	Description	Mappable To Type	Mandatory
VM Template	Select VM Template.	image	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_IMAGE_IDENTITY	Image identity	image
OUTPUT_VMWARE_CURRENT_SNAPSHOT_KEY	VMware Snapshot Key.	gen_text_input
OUTPUT_VMWARE_CURRENT_SNAPSHOT_NAME	VMware Snapshot Name.	gen_text_input
OUTPUT_VMWARE_ADDITIONAL_SNAPSHOT_ALL	VMware Additional Snapshot Info.	gen_text_input
OUTPUT_VMWARE_ADDITIONAL_SNAPSHOT_1	VMware Additional Snapshot 1.	gen_text_input
OUTPUT_VMWARE_ADDITIONAL_SNAPSHOT_2	VMware Additional Snapshot 2.	gen_text_input
OUTPUT_VMWARE_ADDITIONAL_SNAPSHOT_3	VMware Additional Snapshot 3.	gen_text_input
OUTPUT_VMWARE_ADDITIONAL_SNAPSHOT_4	VMware Additional Snapshot 4.	gen_text_input

VMware - Guest Customization

Summary

Apply Guest Customization on a VM.

Description

This task helps to apply Guest Customization on a provisioned VM. Customization will be applied when the VM is powered on.

Inputs

Input	Description
Select VM	Select the VM to retrieve the properties
VM Image Type	VM Image Type
Guest OS Host Name	Guest OS Host Name
DNS Domain	The IP domain to use for the VM, Ex :cisco
DNS Suffix List	DNS suffixes to configure for the DNS lookup. Use commas to separate multiple entries.
DNS Server List	The list of DNS server IP addresses. Use commas to separate multiple entries.
Linux Time Zone	Time Zone to be customized for Linux VM
Windows Parameters (applicable only for Windows)	Windows Only
Product ID	The Windows product ID or license key .The key is mandatory here otherwise customization w
License Owner Name	Full name of license owner
Organization	Name of the organization
License Mode	License Mode
Number of License Users	Number of license users for the OS
Primary WINS	Primary WIN Server
Secondary WINS	Secondary WIN Server
Auto Logon	Automatically logon after system powers.
Auto Logon Count	Automatically logon for the number of times as specified.
Administrator Password	Password used for Auto Logon and system deployment.
Windows Time Zone	Time Zone to be customized for Windows VM
Domain/Workgroup	Belongs to a Windows domain or workgroup?

Input	Description
Workgroup	Specify Workgroup name.
Domain	Domain.
Domain Username	Domain Username
Domain Password	Domain Password
Validate Guest Customization	Guest Customization needs to be validated?
Validation Max Wait Time (mins)	Max Wait Time to Validate Guest Customization
Power On	Select Power On to apply customization
NIC Configuration	Enter the VM Networks with comma (,) separated in specific text format - @@@@ Ex-NIC1@Flexible@vswitch1@portgroup@static@IPv4@172.1.1.1@255.255.255.1@17 NIC2@Flexible@dvswitch1@dvportgroup@static@IPv6@0:0:0:0:FFFF:AC01:0101@0: NIC3@Flexible@dvswitch3@portgroup3@static@Both@172.1.1.1@255.255.255.1@172 1@0:0:0:0:FFFF:AC01:0101@0:0:0:0:FFFF:FFFF:FF01@0:0:0:0:FFFF:AC01:0101

Outputs

No Outputs

VMware - Mount ISO on a VM

Summary

VM Mount an ISO as a CD ROM.

Description

This task mounts a VMware ISO as a CD ROM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which iso image need to be mounted	vm	Y
ISO Image Path	Path of the iso image	gen_text_input	Y
CD/DVD Drive Mount Options	Use Existing CD ROM	useExistingCDROM	Y
Select CD ROMs	Select CD ROMs	vmCDROMs	
Power Off VM	Power Off required, when new device is connected to VM	VMwarePowerOffVM	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of provisioned virtual machine	vm

VMware - Provision a Blank VM

Summary

Provision a Blank VM.

Description

This task helps to provision a Blank VM without using vDC policies and Catalog. This task is not intended for publishing to the service end user.

Inputs

Input	Description	Mappable To Type
Cloud Name	Select the cloud name for provisioning a VM	vmwareAccountName
VM Name	Enter the Unique VM Name for provisioning a VM.	gen_text_input
CPU Cores	Enter the number of CPU cores (Example: 1,2,3 etc.)	gen_text_input
Cores Per Socket	Enter the number of Cores Per Socket (Example: 1,2,3 etc.)	gen_text_input
Memory Size	Provide the required memory size	gen_text_input
Memory Unit	Select the memory unit for the provided memory	vmwareMemorySizeUnit
Host Node/Cluster	Select the Host Node/Cluster scope	vmwareHostScope
Host Node	Select a host node to provision a VM on it	vmwareHostNode
Cluster	Select a cluster for provisioning a VM on hosts in cluster	vmwareClusterId
Resource Pool	Select single Resource Pool for provisioning a VM	vmwareResourcePool
Datastore/Datastore Cluster	Select Datastore/Datastore Cluster Storage Scope	vmwareDatastoreScope
Datastore	Select a Datastore for provisioning a VM	vmwareDatastoreId
Datastore Cluster	Select a Datastore Cluster for provisioning a VM	vmwareDatastoreClusterId
Guest OS Version	Select Guest OS Version for provisioning a VM	vmwareGuestOSVersion
Controller Type	Select Controller Type for provisioning a VM	vmwareDiskControllerProvider
Provision Disks in different Datastores/Datastore Clusters	Check the checkbox to provision disks in different Datastores/Datastore Clusters	Boolean
Disk Provisioning Options		
Disk Provisioning	Select Thin/Thick Provisioning Options	vmwareStorageProvisioningTypeLow
Disk Size	Enter the disk with comma (,) separated in specific text format - [Disk Name]@[Disk Size(MB/GB/TB)]. Ex - HD1@20GB,HD2@2TB	gen_text_input
Disks	Enter the disks with comma (,) separated in specific text format - [Disk Name]@[Disk Size (MB/GB/TB)]@[Disk Format	gen_text_input

Input	Description	Mappable To Type
	(thin/thicklz/thickez)]@[Disk Datastore]@[Disk Datastore Cluster]. Ex - HD1@20GB@thicklz@datastore1@,HD2@2TB@thickez@@datastore Cluster1	
VM Networks	Enter the VM Networks with comma (,) separated in specific text format - [NIC Alias]@[Adapter Type]@[Switch Name]@[Portgroup]. Ex - NIC1@Flexible@vswitch1@portgroup, NIC2@E1000@@portgroup4	gen_text_input
Deploy to Folder	Slash (/) separated folder names to which VM may be deployed. It may include parameterized variables such as \${GROUP_NAME}	gen_text_input

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_VM_NIC_CONFIGURATION	VM Network Configuration	gen_text_input

VMware - Provision a VM without VDC

Summary

VMware VM Provisioning without vDC and Catalog.

Description

This task allows user to provision a VM without using vDC policies and Catalog. It helps to add NICs. It will allow the user to change the disk configuration for the VM to be provisioned. This task is not intended for publishing to the service end user.

Inputs

Input	Description
VM Name	Enter the Unique VM Name for provisioning a VM.
Content Library Template	Check the checkbox for provisioning a VM using content library template
Content Library VM Template	Select the content library template for provisioning a VM
VM Template	Select a VM template for provisioning a VM
CPU Cores	Enter the number of CPU cores (Example: 1,2,3 etc.)
Cores Per Socket	Enter the number of Cores Per Socket (Example: 1,2,3 etc.)
Memory Size	Provide the required memory size
Memory Unit	Select the memory unit for the provided memory
Host Node/Cluster	Select the Host Node/Cluster scope
Host Node	Select a host node to provision a VM on it
Cluster	Select a cluster for provisioning a VM on hosts in cluster
Resource Pool	Select single Resource Pool for provisioning a VM
Datastore/Datastore Cluster	Select Datastore/Datastore Cluster Storage Scope
Datastore	Select a Datastore for provisioning a VM
Datastore Cluster	Select a Datastore Cluster for provisioning a VM
Use Linked Clone	Check the checkbox for provisioning a VM using Linked Clone
Snapshot Name	Select a snapshot key for provisioning a VM using Linked Clone
Provision Disks in different Datastores/Datastore Clusters	Check the checkbox to provision disks in different Datastores/Datastore Clusters
Disk Provisioning Options	
Disk Provisioning	Select Thin/Thick Provisioning Options

Input	Description
Disk Resize	Enter the disk with comma (,) separated in specific text format - [Disk Name]@[Disk Size (M
Disks	Enter the disks with comma (,) separated in specific text format - [Disk Name]@[Disk Size(MB/C Datastore]@[Disk Datastore Cluster]@[Disk Linked Clone (true/false)]. Ex - HD1@20GB@thicklz@datastore1@@true,HD2@2TB@thickez@@datastoreCluster1@false
VM Networks	Enter the VM Networks with comma (,) separated in specific text format - [NIC Alias]@[Ada Name]@[Portgroup]@[DHCP/Static]@[IPv4/IPv6/Both]@[IPv4 IP Address]@[IPv4 Subnet Ma Subnet Mask IP]@[IPv6 Gateway IP]. Ex-NIC1@Flexible@vswitch1@portgroup@static@IP NIC2@Flexible@dswitch1@dvportgroup@static@IPv6@0:0:0:0:FFFF:AC01:0101@0:0:0 NIC3@Flexible@dswitch3@portgroup3@static@Both@172.1.1.1@255.255.255.1@172.1. 1@0:0:0:0:FFFF:AC01:0101@0:0:0:0:FFFF:FFFF:FF01@0:0:0:0:FFFF:AC01:0101, N Customization task needs to be executed for configuring the IP address.
Deploy to Folder	Slash (/) separated folder names to which VM may be deployed. It may include parameterized
Power On	Check the checkbox to Power On the VM after provisioning

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of the VM on which the selected operation was performed	vm
OUTPUT_VM_NIC_CONFIGURATION	VM Network Configuration	gen_text_input

VMware - Unmount ISO from a VM

Summary

Unmounts an ISO image from the CD-ROM.

Description

This task unmounts an ISO image from the CD-ROM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM for which iso image need to be unmounted	vm	Y
Select CD ROMs	Select CD ROMs	vmCDROMs	Y

Outputs

Output	Description	Type
OUTPUT_VM_ID	ID of provisioned virtual machine	vm

VMware Resource Allocation

Summary

Allocate VM resources.

Description

This task allocates resources for provisioning VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
ALLOCATED_IP_ADDRESS	IP Address of the allocated host on which selected operation was performed	gen_text_input
ALLOCATED_NIC_IP_DETAILS	IP Address of the additional vNICs on the host	gen_text_input

VMware VM Provision

Summary

Provision a VM.

Description

This task provisions a VM.

Inputs

Input	Description	Mappable To Type	Mandatory
No Inputs			

Outputs

Output	Description	Type
PROVISIONED_VM_ID	ID of provisioned virtual machine	vm
VM_Name	VM Name	gen_text_input
VM_CPU_Size	VM CPU Size	gen_text_input
VM_Cores_Per_CPU	VM Cores Per CPU	gen_text_input
VM_Memory_Size	VM Memory Size	gen_text_input
VM_Guest_Host Name	VM Guest Host Name	gen_text_input
VM_vCenter_Name	VM vCenter Account Name	gen_text_input
VM_Server_Address	VM vCenter Server Address	gen_text_input
VM_Datacenter_Name	VM Datacenter Name	datacenterName
VM_Datacenter_Identity	VM Datacenter Identity	gen_text_input
VM_Host	VM Host	gen_text_input
VM_Host_Identity	VM Host Identity	vmwareHostNodeIdentity
VM_Cluster_Name	VM Cluster Name	gen_text_input
VM_Cluster_Identity	VM Cluster Identity	vmwareClusterIdentity
VM_Resource_Pool_Name	VM Resource Pool Name	vmwareResourcePoolName
VM_Resource_Pool_Identity	VM Resource Pool Identity	vmwareResourcePoolIdentity
VM_Datastore	Datastore Name associated with the vm	vmwareDatastoreName
Datastore_Identity	VM Datastore Identity	vmwareDatastoreIdentity
Datastore_Info_Identity	VM Datastore Info Identity	gen_text_input
VM_Datastore_Cluster_Name	VM Datastore Cluster Name	vmwareDatastoreCluster Name
VM_Datastore_Cluster_Identity	VM Datastore Cluster Identity	vmwareDatastoreCluster Identity

Output	Description	Type
VM_Disk_Count	Total Number of VM Disks	gen_text_input
Datastore_Name_Disk1	VM Disk 1 Datastore Name	dataStoreName
Datastore_Name_Disk2	VM Disk 2 Datastore Name	dataStoreName
Datastore_Name_Disk3	VM Disk 3 Datastore Name	dataStoreName
Datastore_Name_Disk4	VM Disk 4 Datastore Name	dataStoreName
Datastore_Name_Disk5	VM Disk 5 Datastore Name	dataStoreName
Datastore_Name_Disk6	VM Disk 6 Datastore Name	dataStoreName
Datastore_Name_Disk7	VM Disk 7 Datastore Name	dataStoreName
Datastore_Name_Disk8	VM Disk 8 Datastore Name	dataStoreName
Datastore_Name_Disk9	VM Disk 9 Datastore Name	dataStoreName
Datastore_Name_Disk10	VM Disk 10 Datastore Name	dataStoreName
Datastore_Identity_Disk1	VM Disk 1 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk2	VM Disk 2 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk3	VM Disk 3 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk4	VM Disk 4 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk5	VM Disk 5 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk6	VM Disk 6 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk7	VM Disk 7 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk8	VM Disk 8 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk9	VM Disk 9 Datastore Name	vmwareDatastoreIdentity
Datastore_Identity_Disk10	VM Disk 10 Datastore Name	vmwareDatastoreIdentity
Datastore_Cluster_Name_Disk1	VM Disk 1 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk2	VM Disk 2 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk3	VM Disk 3 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk4	VM Disk 4 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk5	VM Disk 5 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk6	VM Disk 6 Datastore Cluster Name	vmwareDatastoreCluster Name
Datastore_Cluster_Name_Disk7	VM Disk 7 Datastore Cluster Name	vmwareDatastoreCluster Name

Output	Description	Type
Datastore_Cluster_Name_Disk8	VM Disk 8 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk9	VM Disk 9 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Name_Disk10	VM Disk 10 Datastore Cluster Name	vmwareDatastoreClusterName
Datastore_Cluster_Identity_Disk1	VM Disk 1 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk2	VM Disk 2 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk3	VM Disk 3 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk4	VM Disk 4 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk5	VM Disk 5 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk6	VM Disk 6 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk7	VM Disk 7 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk8	VM Disk 8 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk9	VM Disk 9 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
Datastore_Cluster_Identity_Disk10	VM Disk 10 Datastore Cluster Identity	vmwareDatastoreClusterIdentity
VM_Mac	Mac address associated with the vm	gen_text_input
VM_IPv4_Address	IPv4 address of the vm	gen_text_input
VM_IPv6_Address	IPv6 address of the vm	gen_text_input
VM_PortGroups	Port Groups associated with the vm	gen_text_input
VM_Nics_Count	Total Number of VM NICs	gen_text_input
VM_NIC1_MAC_ADDRESS	Mac address of the NIC1	gen_text_input
VM_NIC1_IPv4_ADDRESS	IPv4 address of the NIC1	gen_text_input
VM_NIC1_IPv6_ADDRESS	IPv6 address of the NIC1	gen_text_input
VM_NIC1_ADAPTER_NAME	Adapter name of NIC1	gen_text_input
VM_NIC1_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	vmwareVmPortGroupIdentity

Output	Description	Type
VM_NIC1_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	portGroupIdentity
VM_NIC1_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC1	VMwareDVPortgroupIdentity
VM_NIC1_PortGroup_Name	PortGroup Name of the NIC1	gen_text_input
VM_NIC1_PortGroup_Type	PortGroup Type of the NIC1	portGroupType
VM_NIC1_vSwitch_Name	vSwitch Name of the NIC1	vSwitchName
VM_NIC1_dvSwitch_Name	DV Switch Name of the NIC1	dvSwitchName
VM_NIC1_vSwitch_Identity	vSwitch Identity of the NIC1	vmwareVSwitchIdentity
VM_NIC1_dvSwitch_Identity	DV Switch Identity of the NIC1	VMwareDVSwitchIdentity
VM_NIC2_MAC_ADDRESS	Mac address of the NIC2	gen_text_input
VM_NIC2_IPv4_ADDRESS	IPv4 address of the NIC2	gen_text_input
VM_NIC2_IPv6_ADDRESS	IPv6 address of the NIC2	gen_text_input
VM_NIC2_ADAPTER_NAME	Adapter name of NIC2	gen_text_input
VM_NIC2_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	vmwareVmPortGroupIdentity
VM_NIC2_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	portGroupIdentity
VM_NIC2_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC2	VMwareDVPortgroupIdentity
VM_NIC2_PortGroup_Name	PortGroup Name of the NIC2	gen_text_input
VM_NIC2_PortGroup_Type	PortGroup Type of the NIC2	portGroupType
VM_NIC2_vSwitch_Name	vSwitch Name of the NIC2	vSwitchName
VM_NIC2_dvSwitch_Name	DV Switch Name of the NIC2	dvSwitchName
VM_NIC2_vSwitch_Identity	vSwitch Identity of the NIC2	vmwareVSwitchIdentity
VM_NIC2_dvSwitch_Identity	DV Switch Identity of the NIC2	VMwareDVSwitchIdentity
VM_NIC3_MAC_ADDRESS	Mac address of the NIC3	gen_text_input
VM_NIC3_IPv4_ADDRESS	IPv4 address of the NIC3	gen_text_input
VM_NIC3_IPv6_ADDRESS	IPv6 address of the NIC3	gen_text_input
VM_NIC3_ADAPTER_NAME	Adapter name of NIC3	gen_text_input
VM_NIC3_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	vmwareVmPortGroupIdentity
VM_NIC3_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	portGroupIdentity

Output	Description	Type
VM_NIC3_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC3	VMwareDVPortgroupIdentity
VM_NIC3_PortGroup_Name	PortGroup Name of the NIC3	gen_text_input
VM_NIC3_PortGroup_Type	PortGroup Type of the NIC3	portGroupType
VM_NIC3_vSwitch_Name	vSwitch Name of the NIC3	vSwitchName
VM_NIC3_dvSwitch_Name	DV Switch Name of the NIC3	dvSwitchName
VM_NIC3_vSwitch_Identity	vSwitch Identity of the NIC3	vmwareVSwitchIdentity
VM_NIC3_dvSwitch_Identity	DV Switch Identity of the NIC3	VMwareDVSwitchIdentity
VM_NIC4_MAC_ADDRESS	Mac address of the NIC4	gen_text_input
VM_NIC4_IPv4_ADDRESS	IPv4 address of the NIC4	gen_text_input
VM_NIC4_IPv6_ADDRESS	IPv6 address of the NIC4	gen_text_input
VM_NIC4_ADAPTER_NAME	Adapter name of NIC4	gen_text_input
VM_NIC4_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	vmwareVmPortGroupIdentity
VM_NIC4_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	portGroupIdentity
VM_NIC4_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC4	VMwareDVPortgroupIdentity
VM_NIC4_PortGroup_Name	PortGroup Name of the NIC4	gen_text_input
VM_NIC4_PortGroup_Type	PortGroup Type of the NIC4	portGroupType
VM_NIC4_vSwitch_Name	vSwitch Name of the NIC4	vSwitchName
VM_NIC4_dvSwitch_Name	DV Switch Name of the NIC4	dvSwitchName
VM_NIC4_vSwitch_Identity	vSwitch Identity of the NIC4	vmwareVSwitchIdentity
VM_NIC4_dvSwitch_Identity	DV Switch Identity of the NIC4	VMwareDVSwitchIdentity
VM_NIC5_MAC_ADDRESS	Mac address of the NIC5	gen_text_input
VM_NIC5_IPv4_ADDRESS	IPv4 address of the NIC5	gen_text_input
VM_NIC5_IPv6_ADDRESS	IPv6 address of the NIC5	gen_text_input
VM_NIC5_ADAPTER_NAME	Adapter name of NIC5	gen_text_input
VM_NIC5_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	vmwareVmPortGroupIdentity
VM_NIC5_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	portGroupIdentity
VM_NIC5_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC5	VMwareDVPortgroupIdentity
VM_NIC5_PortGroup_Name	PortGroup Name of the NIC5	gen_text_input

Output	Description	Type
VM_NIC5_PortGroup_Type	PortGroup Type of the NIC5	portGroupType
VM_NIC5_vSwitch_Name	vSwitch Name of the NIC5	vSwitchName
VM_NIC5_dvSwitch_Name	DV Switch Name of the NIC5	dvSwitchName
VM_NIC5_vSwitch_Identity	vSwitch Identity of the NIC5	vmwareVSwitchIdentity
VM_NIC5_dvSwitch_Identity	DV Switch Identity of the NIC5	VMwareDVSwitchIdentity
VM_NIC6_MAC_ADDRESS	Mac address of the NIC6	gen_text_input
VM_NIC6_IPv4_ADDRESS	IPv4 address of the NIC6	gen_text_input
VM_NIC6_IPv6_ADDRESS	IPv6 address of the NIC6	gen_text_input
VM_NIC6_ADAPTER_NAME	Adapter name of NIC6	gen_text_input
VM_NIC6_GENERIC_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	vmwareVmPortGroupIdentity
VM_NIC6_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	portGroupIdentity
VM_NIC6_DISTRIBUTED_PORTGROUP_IDENTITY	PortGroup Identity of NIC6	VMwareDVPortgroupIdentity
VM_NIC6_PortGroup_Name	PortGroup Name of the NIC6	gen_text_input
VM_NIC6_PortGroup_Type	PortGroup Type of the NIC6	portGroupType
VM_NIC6_vSwitch_Name	vSwitch Name of the NIC6	vSwitchName
VM_NIC6_dvSwitch_Name	DV Switch Name of the NIC6	dvSwitchName
VM_NIC6_vSwitch_Identity	vSwitch Identity of the NIC6	vmwareVSwitchIdentity
VM_NIC6_dvSwitch_Identity	DV Switch Identity of the NIC6	VMwareDVSwitchIdentity



Virtual SAN Tasks

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- [Convert UCS Disk State JBOD to UGood, on page 3637](#)
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Add Disks to Disk Group for VMware Virtual SAN

Summary

Adds disks to a disk group.

Description

This task adds disks to a disk group.

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Choose a VSAN cluster	vsanCluster	Y
Hosts	Choose a host	vmareHost	Y
Disk Group Name	Choose a disk group name	diskGroupName	Y
Select Disks	Choose one or more disks	addDiskstoDiskGroup	Y

Outputs

No Outputs

Claim Disk for VMware Virtual SAN

Summary

Claims disks.

Description

This task organizes disks into default disk groups under different hosts.

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Choose a VSAN cluster	vsanCluster	Y
Select Disk	Choose one or more disks	Virtual SAN Disk Identity	Y

Outputs

Output	Description	Type
Claim Disks For VirtualSAN	Virtual SAN Claim Disk Identity	Virtual SAN Claim Disk Identity

Cleanup Virtual SAN Cluster

Summary

Clean up a Virtual SAN cluster.

Description

This task helps to clean up the Virtual SAN cluster information on an ESXi Host. This task is executed during the rollback of the Create or Expand Virtual SAN Cluster tasks.

Inputs

Input	Description	Mappable To Type	Mandatory
Host Node	Enter a host IP address	gen_text_input	Y
Host User ID	Enter a host user ID	gen_text_input	Y
Host Password	Enter the host password	password	Y

Outputs

No Outputs

Convert UCS Disk State JBOD to UGood

Summary

Convert an ESXi host disk state from JBOD to UGood.

Description

This task converts the physical disk drive state of an ESXi host from just a bunch of disks (JBOD) to UGood so that RAID0 configuration can be done on the ESXi host. The host must have storcli installed to run the commands.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Convert UCS Disk State UGood to JBOD

Summary

Convert an ESXi host Disk State from UGood to JBOD.

Description

This task converts the physical disk drive state of an ESXi host from UGood to just a bunch of disks (JBOD). The host must have storcli installed to run the commands.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Create Disk Group for VMware Virtual SAN

Summary

Creates a disk group.

Description

This task creates a disk group under a host.

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Choose a VSAN cluster	vsanCluster	Y
Host	Choose a host	vmareHost	Y
Select Disk	Choose one or more disks	Virtual SAN Disk Identity	Y

Outputs

No Outputs

Create Virtual Drives for ESXi LSI Storage Controller

Summary

Create virtual drives on a C240M3.

Description

This task creates virtual drives On a C240M3. It deletes existing virtual drives and creates new virtual drives with RAID0 configuration.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Decommission VMware Multi Host Node

Summary

Decommission a multi-host node.

Description

This task decommissions multiple virtual SAN host nodes. Optionally, the task also disassociates and deletes the service profile.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod	Choose a pod	Virtual SAN Pod	Y
Cluster	Choose a cluster	vsanCluster	Y
Host Node	Choose one or more host nodes to decommission	vsanMultiHostNode Identity	Y
Host Password	Enter the host password	password	Y
Disassociate Service Profile	Check to disassociate the service profile	Boolean	
Delete Service Profile	Check to delete the service profile	Boolean	

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input

Delete Disk Group for VMware Virtual SAN

Summary

Deletes a disk group.

Description

This task deletes a disk group under a host.

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Choose a VSAN cluster	vsanCluster	Y
Host	Choose a host	vmareHost	Y
Disk Group Name	Choose a disk group name	diskGroupName	Y

Outputs

No Outputs

Delete Disk from Disk Group for VMware Virtual SAN

Summary

Deletes disks from a disk group.

Description

This task deletes disks from a disk group.

Inputs

Input	Description	Mappable To Type	Mandatory
VSAN Cluster	Choose a VSAN cluster	vsanCluster	Y
Host Node	Choose a host node	vmareHost	Y
Disk Group Name	Choose a disk group name	diskGroupName	Y
Select Disks	Choose one or more disks	DeleteDisksFromDiskGroup	Y

Outputs

No Outputs

Delete VMware Virtual SAN Cluster

Summary

Delete Virtual SAN Cluster.

Description

This task deletes Virtual SAN Cluster information from UCSD. It is executed during rollback of Create Virtual SAN Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an account name	gen_text_input	
Datacenter Name	Choose a datacenter name	gen_text_input	
Cluster Name	Enter a cluster name	gen_text_input	

Outputs

No Outputs

Enable Megaraid Controller Driver on C240M4

Summary

Enable a Megaraid Controller.

Description

This task enables a Megaraid Controller on a C240M4 server.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Install Multi ESXi on SD for UCS Virtual SAN

Summary Description Inputs

Input	Description	Mappable To Type	Mandatory
Select	Choose the UCS Server Pool or UCS Server from the list	selectServerPoolor UCSServer	
Server Pool	Choose Server Pool	ucsServerPoolTagIdentity	
UCS Server	Choose one or more UCS Server	ucsMultiServerIdentity	
Number of Host Nodes	Enter number of host nodes	gen_text_input	
Service Profile Template	Select service profile template name from which to create service profiles	ucsServiceProfileTemplate Identity	Y
Service Profile Name	Enter Service Profile Name	gen_text_input	
LAN Boot Policy	Select new Boot Policy to apply	ucsBootPolicyIdentity	Y
Scrub Policy	Select new scrub Policy to apply	ucsScrubPolicyIdentity	Y
Management IP Pool	Choose Management IP Pool	VMWareIPPoolPolicy	Y
BMA Server	Select the BMA for PXE setup	BMA	Y
DNS Server Name	Enter DNS server name	gen_text_input	
Timezone	Choose the time zone from the list	Timezone	Y
Host Name	Enter a host name for the vSAN cluster	gen_text_input	Y
Host User ID	Enter a host user ID for the vSAN cluster	gen_text_input	Y
Host Password	Enter a host password for vSAN cluster	password	Y
OS Type	Choose the OS type from the list	OStype	Y
RAID Mode	Select Cisco VSAN raid mode with supported RAID	RAIDModeLOV	
Workflow Name	Enter Workflow Name	gen_text_input	Y
Cluster Name	Enter a cluster name for the vSAN cluster	vsanCluster	

Outputs

Output	Description	Type
OUTPUT_SR_ID_LIST	SR IDs	gen_text_input
OUTPUT_HOST_IP_ADDRESS_LIST	Host IP Addresses	gen_text_input

Mark SSD Disks on UCS for ESXi LSI Storage Controller

Summary

Mark the SSD on a C240M3.

Description

This task marks the SSD disk on a C240M3 in order to differentiate the SSD disk from other disks.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Address	Host IP Address	gen_text_input	Y
User ID	Host User ID	gen_text_input	Y
Password	Host Password	password	Y

Outputs

No Outputs

Move VMWare Host to Maintenance Mode

Summary

Moves the host to maintenance mode.

Description

This task moves a Virtual SAN host to maintenance mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		vmwareAccountName	Y
Cluster		clusterList	Y
Host Node		vmareHost	Y
Maintenance Mode		VsanClusterMaintanceModeType	Y
Remove from vCenter		Boolean	

Outputs

No Outputs

Persist VMware Virtual SAN Cluster

Summary

Persist Virtual SAN cluster information.

Description

This task persists the Virtual SAN cluster information in UCS Director. The task is executed while creating a Virtual SAN cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name	Choose a pod name	Virtual SAN Pod	
Cluster Name	Enter a cluster name	gen_text_input	
Account Name	Choose an account name	gen_text_input	
Host Nodes	Enter one or more host nodes. Separate the host nodes with commas.	gen_text_input	
Host User ID	Enter a host user ID	gen_text_input	
Host Password	Enter the host password	password	
Datacenter Name	Choose a datacenter name	gen_text_input	
Claim Disk Mode	Choose a claim disk mode	gen_text_input	
Managemant IP Pool Policy	Choose a management IP pool policy	gen_text_input	
VM Net IP Policy	Choose a VM net IP policy	gen_text_input	
VirtualSAN IP Policy	Choose a virtual SAN IP policy	gen_text_input	
VMotion IP Policy	Choose a VMotion IP policy	gen_text_input	
MTU Size	Choose an MTU size	gen_text_input	
RAID Mode	Choose a supported Cisco VSAN RAID mode	RAIDModeLOV	

Outputs

No Outputs

Toggle VMWare Virtual SAN

Summary

Enables a VSAN cluster.

Description

This task enables a VSAN Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose a account name with which to enable the VSAN cluster	gen_text_input	Y
Datacenter Name	Choose a datacenter name in which to create the cluster	datacenterName	Y
Claim Disks	Choose a mode with which to claim disk	VMWareClaimDisk ModeList	Y
Turn on Virtual SAN	Check to turn on virtual SAN		
Cluster	Choose a cluster on which to enable VSAN	gen_text_input	Y

Outputs

No Outputs



Windows AD Tasks

This chapter contains the following sections:

- [Add Computer Object to AD, on page 3652](#)
- [Add Computer to Group, on page 3654](#)
- [Add DNS Resource Record in DNS Server, on page 3655](#)
- [Modify DNS Resource Record in Domain Controller, on page 3656](#)
- [Move Computer, on page 3657](#)
- [Remove Computer From Domain, on page 3658](#)
- [Remove Computer Object from AD, on page 3660](#)
- [Remove Computer from Group, on page 3661](#)
- [Remove DNS Resource Record from DNS Server, on page 3662](#)

Add Computer Object to AD

Summary

Create a new computer object in Active Directory.

Description

This task assigns a computer to a domain and creates a computer object in the Active Directory service (AD). Select generic text with multiline support when mapping the organizational unit (OU) Path field to the Admin Input. The PSAgent and the AD Domain Controller must be in the same domain. The following requirements must be met:

- The Active Directory Cmdlets module must be installed on the domain controller.
- The PSAgent and AD must have PowerShell configured with winrm config and must have PSRemoting enabled.
- The provisioned Windows VM must be powered on.
- The provisioned Windows VM must have PowerShell configured with winrm config and with PSRemoting enabled.
- The provisioned Windows VM must be configured with the AD/DNS server IP address containing nothing but the AD domain IP address that the VM is to join.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select one of the Configured Power Shell Agent	gen_text_input	Y
Domain Controller	HostName or IP address of the Domain Controller	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Username	User of the Domain Controller	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type for creating Powershell Session on Domain Contoller	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Computer IPAddress	Enter IPAddress of the Computer.	gen_text_input	Y
Computer Username	Enter User of the Computer.	gen_text_input	Y
Computer Password	Password	password	Y
OU path	Enter Organizational Unit path that computer need to place in.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_COMPUTER_DN	Name of the Computer DistinguishName that was created by admin	gen_text_input

Add Computer to Group

Summary

Add a computer to one or more groups.

Description

This task adds a computer to one or more groups in a domain. A sAMAccountName or a Distinguished name can be given as an input for Computer or Group. You can supply multiple group names; the computer is added to all of them. Separate the group names with semicolons.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Provide one of the Configured PowerShell Agent	gen_text_input	Y
Domain Controller	Enter HostName or IP address of the DNS	gen_text_input	Y
User Name	Enter the UserName of the Domain Controller	gen_text_input	Y
Password	Enter the Password	password	Y
Authentication Type	Provide Authentication Type for creating Powershell Session on DNSServer: Default, Basic, Kerberos. The default value is Default	gen_text_input	Y
Domain Name	Enter Domain Name of the computer	gen_text_input	Y
Maximum Wait Time	Enter the Max wait time for the command to complete in minutes		Y
Computer Name	Enter DN or sAMAccountName of the Computer. Example format for DN of computer is CN=myComputer1,OU=Test OU,DC=certad,DC=local	gen_text_input	Y
Group Name	Enter DN or sAMAccountName of the Group. Use Semicolon(;) as a separator for multiple Groups. Example format for DN of group is CN=mygroup1,OU=Test OU,DC=certad,DC=local	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SERVER_NAME	Name of the Server on which the operation is carried out by Admin	gen_text_input
OUTPUT_GROUP_NAME	Name of the Group to which the Computer is mapped by Admin	gen_text_input
OUTPUT_COMPUTER_NAME	Name of the Computer that was created by admin	gen_text_input

Add DNS Resource Record in DNS Server

Modify DNS Resource Record in Domain Controller

Summary

Modify a DNS resource record in a domain.

Description

This task modifies a DNS resource record in a Domain. This task is not supported on Active Directory (AD) with Windows Server 2008.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select one of the Configured Power Shell Agent	gen_text_input	Y
DNS Server	HostName or IP address of the DNS	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Username	User Name	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type for creating the powershell session on DNS Server	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Resource Record Type	Select one of the Configured Resource Record Type.	gen_text_input	Y
Hostname	Enter Hostname.	gen_text_input	Y
IPv4Address	Enter new IPv4Address of host.	gen_text_input	Y
New IPv4Address	Enter new IPv4Address of host.	gen_text_input	Y
Time to Live(ttl)	Enter Time to Live in seconds	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DNS_RECORD_HOSTNAME	Hostname of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_IPADDRESS	IPAddress of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_ALIAS_NAME	Alias name of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_MAILSERVER	Mail server name of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_TYPE	Type of DNS ressource record	gen_text_input

Move Computer

Summary

Move an existing computer to a target OU.

Description

This task moves a computer from one organizational unit (OU) to another OU in a domain. A sAMAccountName or a Distinguished name can be given as an input for Computer or Target OU. You can supply multiple computer names; the computers are all moved to the target OU. Separate the computer names with semicolons.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select powershell agent	gen_text_input	Y
Domain Controller	Domain Controller	gen_text_input	Y
User Name	User Name	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Computer Name	DN or sAMAccountName of the Computer	gen_text_input	Y
Target OU	Target OU	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SERVER_NAME	Name of the Server on which the operation is carried out by Admin	gen_text_input
OUTPUT_COMPUTER_NAME	Name of the Computer that was created by admin	gen_text_input
OUTPUT_TARGET_OU_NAME	OU name to which Computer be moved to	gen_text_input

Remove Computer From Domain

Summary

Remove a computer from a domain.

Description

This task removes a computer from a domain and disables its computer object account in the Active Directory service (AD). The following conditions must be met:

- Both PSAgent and AD Domain Controller must be on the same domain.
- Domain Controller must have the Active Directory Cmdlets module available.
- PSAgent and AD must have PowerShell configured with winrm config and PSRemoting enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select one of the Configured Power Shell Agent	gen_text_input	Y
DNS Server	HostName or IP address of the DNS	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Username	User Name	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type for creating the powershell session on DNS Server	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Resource Record Type	Select one of the Configured Resource Record Type.	gen_text_input	Y
Hostname	Enter Hostname.	gen_text_input	Y
IPv4Address	Enter IPv4Address of host.	gen_text_input	Y
Create PTR record	Select the Checkbox for Creating PTR record	gen_text_input	
Time to Live(ttl)	Enter Time to Live in seconds	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_DNS_RECORD_HOSTNAME	Hostname of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_IPADDRESS	IPAddress of DNS ressource record	gen_text_input
OUTPUT_DNS_RECORD_ALIAS_NAME	Alias name of DNS ressource record	gen_text_input

Output	Description	Type
OUTPUT_DNS_RECORD_MAILSERVER	Mail server name of DNS resource record	gen_text_input
OUTPUT_DNS_RECORD_TYPE	Type of DNS resource record	gen_text_input

Remove Computer Object from AD

Summary

Delete a computer object from Active Directory.

Description

This task deletes a computer object from the Active Directory service (AD). The user must select generic text with multiline support when the Computer DN field is mapped to Admin Input. Both PSAgent and AD Domain Controller must be on the same domain. The domain controller must have the Active Directory Cmdlets module. The PSAgent and AD must have PowerShell configured with winrm config and PSRemoting enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select one of the Configured PowerShell Agent	gen_text_input	Y
Domain Controller	HostName or IP address of the Domain Controller	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Username	User of the Domain Controller	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type for creating Powershell Session on Domain Controller	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Computer DN	Distinguish Name of computer that need remove from Domain Controller	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_COMPUTER_DN	Name of the Computer DistinguishName that was deleted by admin	gen_text_input

Remove Computer from Group

Summary

Remove an existing computer from one or more groups.

Description

This task removes a computer from one or more groups in a domain. A sAMAccountName or a Distinguished name can be given as an input for Computer or Group. You can supply multiple group names; the computer is removed from all of them. Separate the group names with semicolons.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Provide one of the Configured PowerShell Agent	gen_text_input	Y
Domain Controller	Enter HostName or IP address of the DNS	gen_text_input	Y
Username	Enter the UserName of the Domain Controller	gen_text_input	Y
Password	Enter the Password	password	Y
Authentication Type	Provide Authentication Type for creating Powershell Session on DNSServer: Default, Basic, Kerberos. The default value is Default	gen_text_input	Y
Domain Name	Enter Domain Name of the computer	gen_text_input	Y
Maximum Wait Time	Enter the Max wait time for the command to complete in minutes		Y
Computer Name	Enter DN or sAMAccountName of the Computer. Example format for DN of computer is CN=myComputer1,OU=Test OU,DC=certad,DC=local	gen_text_input	Y
Group Name	Enter DN or sAMAccountName of the Group. Use Semicolon(;) as a separator for multiple Groups. Example format for DN of group is CN=mygroup1,OU=Test OU,DC=certad,DC=local	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SERVER_NAME	Name of the Server on which the operation is carried out by Admin	gen_text_input
OUTPUT_GROUP_NAME	Name of the Group to which the Computer is mapped by Admin	gen_text_input
OUTPUT_COMPUTER_NAME	Name of the Computer that was created by admin	gen_text_input

Remove DNS Resource Record from DNS Server

Summary

Remove a DNS resource record from a domain.

Description

This task removes a DNS resource record from a domain. The following conditions must be met:

- Both PSAgent and Active Directory (AD) Domain Controller must be on the same domain.
- Domain Controller must have both the DnsCmd.exe tool (supports Windows Server 2008 but may not support newer versions after 2016) and the Domain Name System (DNS) Server Cmdlets module (supports 2012 and newer).
- PSAgent and AD must have PowerShell configured with winrm config and PSRemoting enabled.

Inputs

Input	Description	Mappable To Type	Mandatory
PowerShell Agent	Select one of the Configured Power Shell Agent	gen_text_input	Y
DNS Server	HostName or IP address of the DNS	gen_text_input	Y
Domain Name	Domain Name	gen_text_input	Y
Username	User Name	gen_text_input	Y
Password	Password	password	Y
Authentication Type	Authentication Type for creating the powershell session on DNS Server	gen_text_input	Y
Maximum Wait Time	Max wait time for the command to complete in minutes		Y
Resource Record Type	Select one of the Configured Resource Record Type.	gen_text_input	Y
Hostname	Enter Hostname.	gen_text_input	Y
IPv4Address	Enter IPv4Address of host.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_DNS_RECORD_HOSTNAME	Hostname of DNS resource record	gen_text_input
OUTPUT_DNS_RECORD_IPADDRESS	IPAddress of DNS resource record	gen_text_input
OUTPUT_DNS_RECORD_ALIAS_NAME	Alias name of DNS resource record	gen_text_input
OUTPUT_DNS_RECORD_MAILSERVER	Mail server name of DNS resource record	gen_text_input
OUTPUT_DNS_RECORD_TYPE	Type of DNS resource record	gen_text_input



vDC Tasks

This chapter contains the following sections:

- [Add Cost Model, on page 3664](#)
- [Add End User Self-Service Policy, on page 3667](#)
- [Add Network To Network Policy, on page 3668](#)
- [Add VM Management Policy, on page 3669](#)
- [Add vDC, on page 3671](#)
- [Clone Cost Model, on page 3673](#)
- [Clone End User Self-Service Policy, on page 3677](#)
- [Clone VM Management Policy, on page 3678](#)
- [Clone vDC, on page 3680](#)
- [Create vDC, on page 3682](#)
- [Delete vDC, on page 3684](#)
- [Delete vDC Policy, on page 3685](#)
- [Modify Computing Policy, on page 3686](#)
- [Modify Cost Model, on page 3687](#)
- [Modify End User Self-Service Policy, on page 3690](#)
- [Modify Network Policy, on page 3691](#)
- [Modify User VM Action Policy, on page 3692](#)
- [Modify User VM Action Policy v1, on page 3693](#)
- [Modify VM Management Policy, on page 3694](#)
- [Modify vDC, on page 3696](#)
- [Remove Network From Network Policy, on page 3698](#)
- [Undo Update Storage Policy, on page 3699](#)
- [Update Hyper V Network Policy, on page 3700](#)
- [Update Storage Policy, on page 3701](#)
- [User VM Action Policy, on page 3702](#)
- [User VM Action Policy v1, on page 3703](#)
- [Validate vDC, on page 3704](#)

Add Cost Model

Summary

Add Cost Model

Description

This task allows user to create Cost Model.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model Name	Enter a cost model name	gen_text_input	Y
Cost Model Description	Enter a cost model description	gen_text_input	
Cost Model Type	Choose a cost model type: standard, Advanced or Hyper-V. The default value is standard.	CostModelType Identity	Y
Advanced Cost Model	Enter an advanced cost model	gen_text_input	
Charge Duration	Provide a charge duration: Hourly, Daily, Weekly, Monthly or Yearly. If not specified the value defaults to Hourly.	CostModelCharge DurationIdentity	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost such as setup fee. You can also use this field for fixed-cost items.	gen_text_input	
VM Costs	VM Costs		
Active VM Cost	Enter the cost of the entire VM while the VM is running	gen_text_input	
Inactive VM Cost	Enter the cost of the entire VM while the VM is not running	gen_text_input	
CPU Costs	CPU Costs		
CPU Charge Unit	Provide a CPU charge unit: GHz or cores. The default value is GHz.	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Enter a CPU cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved CPU Cost	Enter a CPU reserved cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Used CPU Cost	Enter a CPU used cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
CPU Core Cost	Enter a CPU cost per core. The cost is applicable to both active and inactive VMs.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Memory Costs	Memory Costs		
Provisioned Memory Cost	Enter a provisioned memory cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved Memory Cost	Enter a memory reserved cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Used Memory Cost	Enter a memory used cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Network Costs	Network Costs		
Received Network Data Cost	Enter a received network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Transmitted Network Data Cost	Enter a transmitted network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Enter a committed storage cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Uncommitted Storage Cost	Enter an uncommitted (unused but provisioned) disk cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Tag Based Costs	Tag Based Costs		
Tag Based Cost Model	Provide a tag based cost model	CostModeltag BasedcostModel Identity	
Resource Pool Costs	Resource Pool Costs		
Basic (CPU - 5 MHz, Memory - 6 GB)	Enter a description for Basic (CPU - 5 MHz, memory - 6 GB)		
Standard (CPU - 15 MHz, Memory - 22 GB)	Enter a description for Standard (CPU - 15 MHz, memory - 22 GB)		
Premium (CPU - 30 MHz, Memory - 44 GB)	Enter a description for Premium (CPU - 30 MHz, memory - 44 GB)		
Storage Costs	Storage Costs		
Basic (SATA)	Enter a description for Basic (SATA)		
Standard (SATA)	Enter a description for Standard (SATA)	gen_text_input	
Premium (SAS)	Enter a description for Premium (SAS)	gen_text_input	
OS Costs	OS Costs		

Input	Description	Mappable To Type	Mandatory
Bulk 10 OS Licenses	Enter Bulk 10 OS licenses		
Bulk 50 OS Licenses	Enter Bulk 50 OS licenses		
Note: Per VM OS Cost will be defined in the catalog definition	Note: Per VM OS Cost will be defined in the catalog definition	gen_text_input	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost	gen_text_input	
CPU Costs. Charged Hourly, per-GHz	CPU Costs. Charged Hourly, per-GHz		
CPU Charge Unit	Choose a CPU charge unit	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Provide a provisioned CPU cost	gen_text_input	
CPU Core Cost	Provide a CPU core cost	gen_text_input	
Memory Costs Charged Hourly	Memory Costs Charged Hourly		
Provisioned Memory Cost	Provide a provisioned memory cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Used Memory Cost	Provide a memory used cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Provide a committed storage cost per GB. The cost is applicable to physical servers only.	gen_text_input	
Blade Costs	Blade Costs		
Full Length Blade Cost	Provide a cost for full length blade servers per hour. The cost is applicable to physical servers only.	gen_text_input	
Half Length Blade Cost	Provide a cost for half length blade servers per hour. The cost is applicable to physical servers only.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_COSTMODEL_NAME	Cost Model Name Created by admin	gen_text_input
OUTPUT_COSTMODEL_ID	Cost Model Name Created by admin	gen_text_input

Add End User Self-Service Policy

Summary

Add End User Self-Service Policy

Description

This task allows user to add End User Self-Service Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the end user self service action policy	gen_text_input	
Cloud	Provide the cloud for which these actions apply	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SELFSERVICE_ENDUSER_POLICY_NAME	Self Service EndUser Policy Name Created by admin	gen_text_input
OUTPUT_SELFSERVICE_ENDUSER_POLICY_ID	Self Service EndUser Policy ID Created by admin	gen_text_input

Add Network To Network Policy

Summary

Adds New NIC configuration to the Existing Network Policy

Description

This tasks adds a NIC configuration to the existing Network policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
NIC Alias	NIC Alias	gen_text_input	Y
Mandatory	Mandatory or Optional		
Port Group Name	Port Group Name	vmwareVmPortGroup Identity	Y
Copy Adapter Type from Template	Copy Adapter Type from Template	gen_text_input	
Adapter Type	Select adapter type		
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	gen_text_input	
IPv6	Configure IPv6		

Outputs

No Outputs

Add VM Management Policy

Summary

Add VM Management Policy

Description

This task allows user to create VM Management Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter a VM management policy name	gen_text_input	Y
Policy Description	Enter a VM management policy description	gen_text_input	
VM Lease Expiry Notification Settings	VM Lease Expiry Notification Settings		
Configure VM Lease Notification	Check to enable Configure VM Lease Notification. By default this field is checked.	Boolean	
How many days before VM Lease expiry should notifications be sent	Enter the number of days before VM Lease expiry to send notifications. Default value is 7, minimum value is 3 days and maximum value is 30 days.	gen_text_input	
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide a time interval between notifications. Default and minimum value is 4 hours and maximum value is 24 hours.	gen_text_input	
Inactive VM Management Settings	Inactive VM Management Settings		
Delete after inactive VM days	Enter the number of days after which an inactive VM is deleted. Default value is 0, minimum value is 1 day and maximum value is 90 days.	gen_text_input	
Additional grace period for deleting expired VMs	Enter an additional grace period for deleting expired VMs. Default and maximum value is 7 days and minimum value is 1 day.	gen_text_input	
Action for failed rollback tasks	Provide an action for failed rollback tasks: Send notification and delete or Do not delete the VM. The default is to send notification and delete the VM.	gen_text_input	
Configure VM Delete Notification	Check to enable Configure VM Delete Notification. The default value is checked.	Boolean	
How many days before VM deletion should notifications be sent	Enter a number of days before VM deletion to send notifications. Default value is 7 days, minimum is 1 and maximum is 30 days.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide a time interval between notifications. Default and minimum value is 4 hours and maximum value is 24 hours.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_MANAGEMENT_POLICY_NAME	VM Management Policy Name Created by admin	gen_text_input
OUTPUT_VM_MANAGEMENT_POLICY_ID	VM Management VM Management Policy ID Created by admin	gen_text_input

Add vDC

Summary

Create a vDC.

Description

This task creates a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements. Use this task to create a vDC as part of workflow

Inputs

Input	Description	Mappable To Type	Mandatory
Account Type	Provide an account type	gen_text_input	Y
vDC Name	Enter a vDC name	gen_text_input	Y
vDC Locked	Check to enable vDC Locked. The default value is unchecked.	Boolean	
vDC Description	Enter a vDC description	gen_text_input	
User Group ID	Provide a user group ID	userGroup	Y
Cloud Name	Provide a cloud name	gen_text_input	Y
First Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
First Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
First Level User Approval(s)	Provide one or more first level user approvals	cuic_multi_user_ID	
Second Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
Second Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
Second Level User Approval(s)	Provide one or more second level user approvals	cuic_multi_user_ID	
Approval required from All users	Check to enable requiring approval of all users. The default value is unchecked.	Boolean	
Number of Approval Request Reminders	Enter the number of approval request reminders	Boolean	Y
Reminder Intervals	Enter the reminder interval	Boolean	Y

Input	Description	Mappable To Type	Mandatory
Provider Support Email Address	Enter a provider support email address	gen_text_input	
Copy Notification to mail Address	Enter a copy notification to mail address	gen_text_input	
Computing Policy	Provide a computing policy	gen_text_input	Y
Network Policy	Provide a network policy	gen_text_input	Y
Storage Policy	Provide a storage policy	gen_text_input	Y
ISO Image Mapping Policy	Provide an ISO image mapping policy	gen_text_input	
Cost Model	Provide a cost model	CostModelListPopup	
Disable displaying cost in the SR Summary	Check to disable displaying cost in the SR summary. The default value is unchecked.	gen_text_input	
User Action Policy	Provide a user action policy	UserActionPolicy PopUp	
Vm Mangement Policy	Provide a VM management policy	VmManagement PolicyPopUp	
End user Self-service Policy	Provide an end user self-service policy	gen_text_input	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDCTabularReport Identity
VDC_NAME	VDC NAME	gen_text_input
VDC_CLOUD_NAME	Cloud Name	gen_text_input
VDC_STORAGE_POLICY	Storage Policy	vdcPolicy
VDC_SYSTEM_POLICY	System Policy	vdcPolicy
VDC_NETWORK_POLICY	Network Policy	vdcPolicy
VDC_COMPUTING_POLICY	Computing Policy	vdcPolicy
OUTPUT_ISO_IMAGE_MAPPLING_POLICY	ISO Image Mapping Policy	vdcPolicy
OUTPUT_VDC_USER_ACTION_POLICY	User Action Policy	vdcPolicy
OUTPUT_VDC_VMMANAGEMENT_POLICY	Vm Mangement Policy	vdcPolicy
OUTPUT_VDC_ENDUSER_SELF_SERVICE_POLICY	End user Self-service Policy	vdcPolicy
OUTPUT_VDC_COSTMODEL	Cost Model	vdcPolicy

Clone Cost Model

Summary

Clone Cost Model

Description

This task allows user to Clone Cost Model.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model List	Choose a cost model list	gen_text_input	Y
Cost Model Name	Enter a cost model name	gen_text_input	Y
Cost Model Description	Enter a cost model description	gen_text_input	
Cost Model Type	Choose a cost model type: Standard, Advanced or Hyper-V. The default value is Standard.	CostModelType Identity	Y
Advanced Cost Model	Enter a Advanced cost model	gen_text_input	
Charge Duration	Provide a charge duration: Hourly, Daily, Weekly, Monthly or Yearly. If not specified, the default value is Hourly.	CostModelCharge DurationIdentity	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost such as setup fee. You can also use this field for fixed-cost items.	gen_text_input	
VM Costs	VM Costs		
Active VM Cost	Enter the cost of the entire VM while the VM is running	gen_text_input	
Inactive VM Cost	Enter the cost of the entire VM while the VM is not running	gen_text_input	
CPU Costs	CPU Costs		
CPU Charge Unit	Provide a CPU charge unit: GHz or cores. The default value is GHz.	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Enter a CPU cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved CPU Cost	Enter a CPU reserved cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Used CPU Cost	Enter a CPU used cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
CPU Core Cost	Enter a CPU cost per core. The cost is applicable to both active and inactive VMs.	gen_text_input	
Memory Costs	Memory Costs		
Provisioned Memory Cost	Enter a provisioned memory cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved Memory Cost	Enter a memory reserved cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Used Memory Cost	Enter a memory used cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Network Costs	Network Costs		
Received Network Data Cost	Enter a received network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Transmitted Network Data Cost	Enter a transmitted network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Enter a committed storage cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Uncommitted Storage Cost	Enter an uncommitted (unused, but provisioned) disk cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Tag Based Costs	Tag Based Costs		
Tag Based Cost Model	Provide a tag-based cost model	CostModeltag BasedcostModel Identity	
Resource Pool Costs	Resource Pool Costs		
Basic (CPU - 5 MHz, Memory - 6 GB)	Enter a description for Basic (CPU - 5 MHz, memory - 6 GB)		
Standard (CPU - 15 MHz, Memory - 22 GB)	Enter a description for Standard (CPU - 15 MHz, memory - 22 GB)		
Premium (CPU - 30 MHz, Memory - 44 GB)	Enter a description for Premium (CPU - 30 MHz, memory - 44 GB)		
Storage Costs	Storage Costs		
Basic (SATA)	Enter a description for Basic (SATA)		
Standard (SATA)	Enter a description for Standard (SATA)		

Input	Description	Mappable To Type	Mandatory
Premium (SAS)	Enter a description for Premium (SAS)		
Bulk 10 OS Licenses	Enter Bulk 10 OS licenses		
Bulk 50 OS Licenses	Enter Bulk 50 OS licenses		
Note: Per VM OS Cost will be defined in the catalog definition	Note: Per VM OS Cost will be defined in the catalog definition	gen_text_input	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost	gen_text_input	
CPU Costs. Charged Hourly, per-GHz	CPU Costs. Charged Hourly, per-GHz		
CPU Charge Unit	Choose a CPU charge unit	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Choose a provisioned CPU cost	gen_text_input	
CPU Core Cost	Choose a CPU core cost	gen_text_input	
Memory Costs Charged Hourly	Memory Costs Charged Hourly		
Provisioned Memory Cost	Choose a provisioned memory cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Used Memory Cost	Choose a memory used cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Choose a committed storage cost per GB. The cost is applicable to physical servers only.	gen_text_input	
Blade Costs	Blade Costs		
Full Length Blade Cost	Choose a cost for full length blade servers per hour. The cost is applicable to physical servers only.	gen_text_input	
Half Length Blade Cost	Choose a cost for half length blade servers per hour. The cost is applicable to physical servers only.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_COSTMODEL_NAME	Cost Model Name Created by admin	gen_text_input

Output	Description	Type
OUTPUT_COSTMODEL_ID	Cost Model Name Created by admin	gen_text_input

Clone End User Self-Service Policy

Summary

Clone End User Self-Service Policy

Description

This task allows user to Clone End User Self-Service Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
EndUserSelfService Policy List	Choose the name of the custom action policy to clone	gen_text_input	Y
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the end user self service action policy	gen_text_input	
Cloud	Provide the cloud for which these actions apply	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SELFSERVICE_ENDUSER_POLICY_NAME	Self Service EndUser Policy Name Created by admin	gen_text_input
OUTPUT_SELFSERVICE_ENDUSER_POLICY_ID	Self Service EndUser Policy ID Created by admin	gen_text_input

Clone VM Management Policy

Summary

Clone VM Management Policy

Description

This task allows user to Clone VM Management Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
VmManagementPolicy List	Provide the name of the policy that you want to clone	gen_text_input	Y
Policy Name	Enter the VM management policy name	gen_text_input	Y
Policy Description	Enter a VM management policy description	gen_text_input	
VM Lease Expiry Notification Settings	VM Lease Expiry Notification Settings		
Configure VM Lease Notification	Check to enable Configure VM Lease Notification. Default value is checked.	Boolean	
How many days before VM Lease expiry should notifications be sent	Enter the number of days before VM lease expiry to send notifications. Default value is 7, minimum is 3 days and maximum is 30 days.	gen_text_input	
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide an interval between notifications. Default and minimum is 4 hours and maximum is 24 hours.	gen_text_input	
Inactive VM Management Settings	Inactive VM Management Settings		
Delete after inactive VM days	Enter the number of days after which an inactive VM is deleted. Default value is 0, minimum is 1 day and maximum is 90 days.	gen_text_input	
Additional grace period for deleting expired VMs	Enter an additional grace period for deleting expired VMs. Default and maximum value is 7 days and minimum value is 1 day.	gen_text_input	
Action for failed rollback tasks	Provide an action for failed rollback tasks: Send notification and delete or Do not delete the VM. The default value is Send notification and delete the VM.	gen_text_input	
Configure VM Delete Notification	Check to enable Configure VM Delete Notification. The default value is checked.	Boolean	

Input	Description	Mappable To Type	Mandatory
How many days before VM deletion should notifications be sent	Enter a number of days before VM deletion to send notifications. Default value is 7 days, minimum is 1 day and maximum is 30 days.	gen_text_input	
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide an interval between notifications. Default and minimum is 4 hours and maximum is 24 hours.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_MANAGEMENT_POLICY_NAME	VM Management Policy Name Created by admin	gen_text_input
OUTPUT_VM_MANAGEMENT_POLICY_ID	VM ManagementVM Management Policy ID Created by admin	gen_text_input

Clone vDC

Summary

Clone a vDC.

Description

This task clones a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements. Use this task to clone a vDC as part of workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Id	Provide a vDC list	vDCTabularReport Identity	Y
vDC Name	Enter a vDC name	gen_text_input	Y
vDC Locked	Check to enable vDC locked. The default value is unchecked.	Boolean	
vDC Description	Enter a vDC description	gen_text_input	
User Group ID	Provide a user group ID	userGroup	Y
Cloud Name	Provide a cloud name	gen_text_input	Y
First Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
First Level Group Approval(s)	Provide a group ID of the user who should approve the request	userGroup	
First Level User Approval(s)	Provide one or more first level user approvals	cuic_multi_user_ID	
Second Level Approval required from Groups	Check to enable requiring approvals from groups. Otherwise, approval is required from users. The default value is unchecked.		
Second Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
Second Level User Approval(s)	Provide one or more second level user approvals	cuic_multi_user_ID	
Approval required from All users	Check to enable requiring approval from all users. The default value is unchecked.	Boolean	
Number of Approval Request Reminders	Enter a number of approval request reminders	Boolean	Y
Reminder Intervals	Enter reminder intervals	Boolean	Y

Input	Description	Mappable To Type	Mandatory
Provider Support Email Address	Enter a provider support email address	gen_text_input	
Copy Notification to mail Address	Enter a copy notification to mail address	gen_text_input	
Computing Policy	Provide a computing policy	gen_text_input	Y
Network Policy	Provide a network policy	gen_text_input	Y
Storage Policy	Provide a storage policy	gen_text_input	Y
ISO Image Mapping Policy	Provide an ISO image mapping policy	gen_text_input	
Cost Model	Provide a cost model	CostModelListPopup	
Disable displaying cost in the SR Summary	Check to disable displaying the cost in the SR Summary. The default value is unchecked.	gen_text_input	
User Action Policy	Provide a user action policy	UserActionPolicyPopUp	
Vm Mangement Policy	Provide a VM management policy	VmManagementPolicyPopUp	
End user Self-service Policy	Provide an end user self-service policy	gen_text_input	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDCTabularReport Identity
VDC_NAME	VDC NAME	gen_text_input
VDC_CLOUD_NAME	Cloud Name	gen_text_input
VDC_STORAGE_POLICY	Storage Policy	vdcPolicy
VDC_SYSTEM_POLICY	System Policy	vdcPolicy
VDC_NETWORK_POLICY	Network Policy	vdcPolicy
VDC_COMPUTING_POLICY	Computing Policy	vdcPolicy
OUTPUT_ISO_IMAGE_MAPPLING_POLICY	ISO Image Mapping Policy	vdcPolicy
OUTPUT_VDC_USER_ACTION_POLICY	User Action Policy	vdcPolicy
OUTPUT_VDC_VMMANAGEMENT_POLICY	Vm Mangement Policy	vdcPolicy
OUTPUT_VDC_ENDUSER_SELF_SERVICE_POLICY	End user Self-service Policy	vdcPolicy
OUTPUT_VDC_COSTMODEL	Cost Model	vdcPolicy

Create vDC

Summary

Create a vDC.

Description

This task creates a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules, and policies to manage specific group requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Name	Enter a vDC name	gen_text_input	Y
vDC Description	Enter a vDC description	gen_text_input	
Select vDC Profile	Provide a vDC profile to create the vDC from	vDCProfile	Y
First Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
First Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
First Level User Approval(s)	Provide one or more first level user approvals	gen_text_input	
Second Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
Second Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
Second Level User Approval(s)	Provide one or more second level user approvals	gen_text_input	
System Policy Name	Enter a system policy name	gen_text_input	
Network Policy Name	Enter a network policy name	gen_text_input	
Storage Policy Name	Enter a storage policy name	gen_text_input	
Computing Policy Name	Enter a computing policy name	gen_text_input	
User Group ID	Provide a user group ID	gen_text_input	Y

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

Output	Description	Type
VDC_CLOUD_NAME	Cloud Name	gen_text_input
VDC_STORAGE_POLICY	Storage Policy	vdcPolicy
VDC_SYSTEM_POLICY	System Policy	vdcPolicy
VDC_NETWORK_POLICY	Network Policy	vdcPolicy
VDC_COMPUTING_POLICY	Computing Policy	vdcPolicy
OUTPUT_VDC_COMPUTING_POLICY_HOST_SCOPE_LIST	Comma-separated hosts.	vmwareHostMulti Select
OUTPUT_VDC_COMPUTING_POLICY_CLUSTER_SCOPE_LIST	Comma-separated clusters.	gen_text_input
OUTPUT_VDC_COMPUTING_POLICY_RESOURCEPOOL_SCOPE_LIST	Comma-separated resource pools.	gen_text_input
OUTPUT_VDC_COMPUTING_POLICY_HOST_PARENT_RES_POOL_LIST	Comma-separated host parent resource pool detailed identity list.	gen_text_input
OUTPUT_VDC_COMPUTING_POLICY_CLUSTER_PARENT_RES_POOL_LIST	Comma-separated cluster parent resource pool detailed identity list.	gen_text_input
OUTPUT_VDC_COMPUTING_POLICY_PARENT_RES_POOL_IDENT_LIST	Comma-separated parent resource pool detailed identity list.	gen_text_input
OUTPUT_VDC_COMPUTING_POLICY_HOST_SCOPE_LIST_ISCSI_IQN	Comma-separated host iSCSI IQNs.	gen_text_input

Delete vDC

Summary

Delete a vDC.

Description

This task deletes a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Name	Provide the name of the vDC to delete	gen_text_input	Y

Outputs

No Outputs

Delete vDC Policy

Summary

Delete a vDC Policy.

Description

This task deletes a virtual datacenter (vDC) policy. A Virtual Data Center is an environment that combines virtual resources, operational details, rules, and policies to manage specific group requirements.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Type	Provide a policy type	vdcPolicyType	Y
Account Name	Provide the account from which to delete the policies	gen_text_input	Y
Policies	Choose one or more policies to delete	vdcPolicy	Y

Outputs

No Outputs

Modify Computing Policy

Summary

Update a vDC compute policy with resource pool information.

Description

This task associates a comma-separated resource pool with a vDC computing policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC profile to create the vDC	vDC	Y
Resource Pool	Select the resource pool	vmwareResourcePool Identity	Y

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

Modify Cost Model

Summary

Modifies Cost Model

Description

This task allows user to modify Cost Model.

Inputs

Input	Description	Mappable To Type	Mandatory
Cost Model Name	Enter a cost model name	gen_text_input	Y
Cost Model Description	Enter a cost model description	gen_text_input	
Cost Model Type	Choose a cost model type: Standard, Advanced or Hyper-V. The default value is Standard.	CostModelType Identity	Y
Advanced Cost Model	Enter an Advanced cost model	gen_text_input	
Charge Duration	Provide a charge duration: Hourly, Daily, Weekly, Monthly or Yearly. If not specified, the default value is Hourly.	CostModelCharge DurationIdentity	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost such as setup fee. You can also use this field for fixed-cost items.	gen_text_input	
VM Costs	VM Costs		
Active VM Cost	Enter the cost of the entire VM while the VM is running	gen_text_input	
Inactive VM Cost	Enter the cost of the entire VM while the VM is not running	gen_text_input	
CPU Costs	CPU Costs		
CPU Charge Unit	Provide a CPU charge unit: GHz or cores. The default value is GHz.	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Enter a CPU cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved CPU Cost	Enter a CPU reserved cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
Used CPU Cost	Enter a CPU used cost per GHz per hour. The cost is applicable to active VMs only.	gen_text_input	
CPU Core Cost	Enter a CPU cost per core. The cost is applicable to both active and inactive VMs.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Memory Costs	Memory Costs		
Provisioned Memory Cost	Enter a provisioned memory cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Reserved Memory Cost	Enter a memory reserved cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Used Memory Cost	Enter a memory used cost per GB per hour. The cost is applicable to active VMs only.	gen_text_input	
Network Costs	Network Costs		
Received Network Data Cost	Enter a received network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Transmitted Network Data Cost	Enter a transmitted network data cost per GB. The cost is applicable to active VMs only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Enter a committed storage cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Uncommitted Storage Cost	Enter an uncommitted (unused, but provisioned) disk cost per GB. The cost is applicable to both active and inactive VMs.	gen_text_input	
Tag Based Costs	Tag Based Costs		
Tag Based Cost Model	Choose a tag-based cost model	CostModeltag BasedcostModel Identity	
Resource Pool Costs	Resource Pool Costs		
Basic (CPU - 5 MHz, Memory - 6 GB)	Enter a description for Basic (CPU - 5 MHz, memory - 6 GB)		
Standard (CPU - 15 MHz, Memory - 22 GB)	Enter a description for Standard (CPU - 15 MHz, memory - 22 GB)		
Premium (CPU - 30 MHz, Memory - 44 GB)	Enter a description for Premium (CPU - 30 MHz, memory - 44 GB)		
Storage Costs	Storage Costs		
Basic (SATA)	Enter a description for Basic (SATA)		
Standard (SATA)	Enter a description for Standard (SATA)		
Premium (SAS)	Enter a description for Premium (SAS)		
Bulk 10 OS Licenses	Enter Bulk 10 OS licenses		

Input	Description	Mappable To Type	Mandatory
Bulk 50 OS Licenses	Enter Bulk 50 OS licenses		
Note: Per VM OS Cost will be defined in the catalog definition	Note: Per VM OS Cost will be defined in the catalog definition	gen_text_input	
Fixed Costs	Fixed Costs		
One Time Cost	Enter a one-time cost	gen_text_input	
CPU Costs. Charged Hourly, per-GHz	CPU Costs. Charged Hourly, per-GHz		
CPU Charge Unit	Choose a CPU charge unit	CostModelcpu ChargeUnit Identity	
Provisioned CPU Cost	Provide a provisioned CPU cost	gen_text_input	
CPU Core Cost	Provide a CPU core cost	gen_text_input	
Memory Costs Charged Hourly	Memory Costs Charged Hourly		
Provisioned Memory Cost	Provide a provisioned memory cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Used Memory Cost	Provide a memory used cost per GB per hour. The cost is applicable to physical servers only.	gen_text_input	
Storage Costs	Storage Costs		
Committed Storage Cost	Provide a committed storage cost per GB. The cost is applicable to physical servers only.	gen_text_input	
Blade Costs	Blade Costs		
Full Length Blade Cost	Provide a cost for full length blade servers per hour. The cost is applicable to physical servers only	gen_text_input	
Half Length Blade Cost	Provide a cost for half length blade servers per hour. The cost is applicable to physical servers only	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_COSTMODEL_NAME	Cost Model Name Created by admin	gen_text_input
OUTPUT_COSTMODEL_ID	Cost Model Name Created by admin	gen_text_input

Modify End User Self-Service Policy

Summary

Modifies End User Self-Service Policy

Description

This task allows user to modify End User Self-Service Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the end user self service action policy	gen_text_input	
Cloud	Provide the cloud for which these actions apply	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_SELFSERVICE_ENDUSER_POLICY_NAME	Self Service EndUser Policy Name Created by admin	gen_text_input
OUTPUT_SELFSERVICE_ENDUSER_POLICY_ID	Self Service EndUser Policy ID Created by admin	gen_text_input

Modify Network Policy

Summary

Create a network policy for a vDC.

Description

This task creates a network policy with a specified port group and static ip pool. The new policy is associated with the vDC.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC profile to create the vDC	vDC	Y
Specify Port Group	Port Group to be associated.	vmwareVmPortGroup Identity	Y
Use DHCP	Select if DHCP is used for VM IP address allocation		
Select IP Address Source	Select IP Address Source	IPPoolSourceType	Y
Static IP Pool	Provide IP address range or comma separated IP addresses or both	gen_text_input	Y
Subnet Mask	Enter Subnet Mask.	gen_text_input	Y
Gateway Address	Enter Gateway Address.	gen_text_input	
Static IP Pool Policy	Select Static IP Pool From IP Pool Policy	VMWareIPPoolPolicy	Y

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

Modify User VM Action Policy

Summary

Modify a User VM Action Policy.

Description

This task modifies User VM Action Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the custom action policy	gen_text_input	
Select No. of Actions	Choose a number of custom actions up to 10. The default value is 0.		Y

Outputs

Output	Description	Type
OUTPUT_VM_ACTION_POLICY_NAME	VM Action Policy Name Created by admin	gen_text_input
OUTPUT_VM_ACTION_POLICY_ID	VM Action Policy ID Created by admin	gen_text_input

Modify User VM Action Policy v1

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the custom action policy	gen_text_input	
Select No. of Actions	Choose a number of custom actions up to 30. The default value is 0.		Y

Outputs

Output	Description	Type
OUTPUT_VM_ACTION_POLICY_NAME	VM Action Policy Name Created by admin	gen_text_input
OUTPUT_VM_ACTION_POLICY_ID	VM Action Policy ID Created by admin	gen_text_input

Modify VM Management Policy

Summary

Modifies VM Management Policy

Description

This task allows user to modify VM Management Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the VM management policy name	gen_text_input	Y
Policy Description	Enter a VM management policy description	gen_text_input	
VM Lease Expiry Notification Settings	VM Lease Expiry Notification Settings		
Configure VM Lease Notification	Check to enable Configure VM Lease Notification. The default is checked.	Boolean	
How many days before VM Lease expiry should notifications be sent	Enter the number of days before VM lease expiry to send notifications. Default value is 7, minimum is 3 days and maximum is 30 days.	gen_text_input	
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide an interval between notifications. Default and minimum value is 4 hours and maximum value is 24 hours.	gen_text_input	
Inactive VM Management Settings	Inactive VM Management Settings		
Delete after inactive VM days	Enter the number of days after which an inactive VM is deleted.. Default value is 0, minimum is 1 day and maximum is 90 days.	gen_text_input	
Additional grace period for deleting expired VMs	Enter an additional grace period for deleting expired VMs. Default and maximum value is 7 days and minimum is 1 day.	gen_text_input	
Action for failed rollback tasks	Provide an action for failed rollback tasks: Send notification and delete or Do not delete the VM. Default is Send notification and delete the VM.	gen_text_input	
Configure VM Delete Notification	Check to enable Configure VM Delete Notification. The default value is checked.	Boolean	
How many days before VM deletion should notifications be sent	Enter a number of days before VM deletion to send notifications. Default value is 7 days, minimum is 1 and maximum is 30 days.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
How many notifications should be sent	Enter how many notifications should be sent. The default value is 0.	gen_text_input	
Interval between notifications	Provide an interval between notifications. Default and minimum value is 4 hours and maximum value is 24 hours.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_MANAGEMENT_POLICY_NAME	VM Management Policy Name Created by admin	gen_text_input
OUTPUT_VM_MANAGEMENT_POLICY_ID	VM Management VM Management Policy ID Created by admin	gen_text_input

Modify vDC

Summary

Modify a vDC.

Description

This task modifies a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements. Use this task to modify a vDC as part of workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Id	Enter a vDC name	vDCTabularReport Identity	Y
vDC Locked	Check to enable vDC locked. The default value is unchecked.	Boolean	
vDC Description	Enter a vDC description	gen_text_input	
User Group ID	Provide a user group ID	userGroup	Y
Cloud Name	Provide a cloud name	gen_text_input	Y
First Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
First Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
First Level User Approval(s)	Provide one or more first level user approvals	cuic_multi_user_ID	
Second Level Approval required from Groups	Check to enable requiring approval from groups. Otherwise, approval is required from users. The default value is unchecked.		
Second Level Group Approval(s)	Provide the group ID of the user who must approve the request	userGroup	
Second Level User Approval(s)	Provide one or more second level user approvals	cuic_multi_user_ID	
Approval required from All users	Check to enable requiring approval from all users. The default value is unchecked.	Boolean	
Number of Approval Request Reminders	Enter the number of approval request reminders	Boolean	Y
Reminder Intervals	Enter reminder intervals	Boolean	Y
Provider Support Email Address	Enter a provider support email address	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Copy Notification to mail Address	Enter a copy notification to mail address	gen_text_input	
Computing Policy	Provide a computing policy	gen_text_input	Y
Network Policy	Provide a network policy	gen_text_input	Y
Storage Policy	Provide a storage policy	gen_text_input	Y
ISO Image Mapping Policy	Provide an ISO Image mapping policy	gen_text_input	
Cost Model	Provide a cost model	CostModelListPopup	
Disable displaying cost in the SR Summary	Check to disable displaying cost in the SR summary. The default value is unchecked.	gen_text_input	
User Action Policy	Provide a user action policy	UserActionPolicy PopUp	
Vm Mangement Policy	Provide a VM management policy	VmManagement PolicyPopUp	
End user Self-service Policy	Provide an end user self-service policy	gen_text_input	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDCTabularReport Identity
VDC_NAME	VDC NAME	gen_text_input
VDC_CLOUD_NAME	Cloud Name	gen_text_input
VDC_STORAGE_POLICY	Storage Policy	vdcPolicy
VDC_SYSTEM_POLICY	System Policy	vdcPolicy
VDC_NETWORK_POLICY	Network Policy	vdcPolicy
VDC_COMPUTING_POLICY	Computing Policy	vdcPolicy
OUTPUT_ISO_IMAGE_MAPPLING_POLICY	ISO Image Mapping Policy	vdcPolicy
OUTPUT_VDC_USER_ACTION_POLICY	User Action Policy	vdcPolicy
OUTPUT_VDC_VMMANAGEMENT_POLICY	Vm Mangement Policy	vdcPolicy
OUTPUT_VDC_ENDUSER_SELF_SERVICE_POLICY	End user Self-service Policy	vdcPolicy
OUTPUT_VDC_COSTMODEL	Cost Model	vdcPolicy

Remove Network From Network Policy

Summary

Removes selected NIC configuration from the Existing Network Policy

Description

This task removes a NIC configuration from the existing Network policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Policy Name	gen_text_input	Y
NIC Alias	NIC Alias	gen_text_input	Y

Outputs

No Outputs

Undo Update Storage Policy

Summary

Update a vDC storage policy by excluding a selected datastore.

Description

This task excludes a datastore associated with a vDC storage policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Provide a vDC profile with which to create the vDC	vDC	Y
Data Stores/Datastore Clusters	Choose a data store or datastore cluster name	gen_text_input	Y
Datastore Name	Enter the name of the datastore	gen_text_input	Y
Datastore Cluster Name	Choose the name of the datastore cluster	vmwareDatastoreCluster Identity	Y

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

Update Hyper V Network Policy

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC profile to create the vDC	vDC	Y
VM Network	Virtual Network Name	hypervVMNetworkIdentity	Y
Subnet	Select a subnet	hypervVMNetworkSubnet Identity	
Use DHCP	Use DHCP	gen_text_input	
Enable MAC Spoofing	Select if need to enable the MAC spoofing	gen_text_input	
IP Pool	IP Pool Name	gen_text_input	
Port Classification	Select a Port Classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

Update Storage Policy

Summary

Update a vDC storage policy.

Description

This task enters a datastore name and associates it with a vDC storage policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vDC	Select vDC profile to create the vDC	vDC	Y
Data Store/Datastore Cluster	Specify data store/datastore cluster name	gen_text_input	Y
Datastore Name	Name of the Datastore	gen_text_input	Y
Datastore Cluster Name	Name of the Datastore Cluster	vmwareDatastoreClusterIdentity	Y
Override	Override existing storage policy	gen_text_input	

Outputs

Output	Description	Type
VDC_ID	vDC ID	vDC

User VM Action Policy

Summary

Create a User VM Action Policy.

Description

This task creates a User VM Action Policy.

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the custom action policy	gen_text_input	
Select No. of Actions	Choose a number of custom actions up to 10. The default value is 0.		Y

Outputs

Output	Description	Type
OUTPUT_VM_ACTION_POLICY_NAME	VM Action Policy Name Created by admin	gen_text_input
OUTPUT_VM_ACTION_POLICY_ID	VM Action Policy ID Created by admin	gen_text_input

User VM Action Policy v1

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Policy Name	Enter the name of the custom action policy	gen_text_input	Y
Policy Description	Enter a description for the custom action policy	gen_text_input	
Select No. of Actions	Choose a number of custom actions up to 30. The default value is 0.		Y

Outputs

Output	Description	Type
OUTPUT_VM_ACTION_POLICY_NAME	VM Action Policy Name Created by admin	gen_text_input
OUTPUT_VM_ACTION_POLICY_ID	VM Action Policy ID Created by admin	gen_text_input

Validate vDC

Summary

Validate a vDC.

Description

This task validates a virtual datacenter (vDC). A vDC is an environment that combines virtual resources, operational details, rules and policies to manage specific group requirements. Use this task to validate a vDC as part of workflow.

Inputs

Input	Description	Mappable To Type	Mandatory
vDC Name	Provide a vDC name	gen_text_input	Y

Outputs

No Outputs