ACI MSC - Bridge Domain Operations

This chapter contains the following sections:

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	
Intersitebumtrafficallow	Check to enable Intersitebumtrafficallow. 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	ACIMultiSiteSite BDIdentity

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	MSCDeviceSchemaTemplate Identity
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	ACIMultiSiteL3OutToSite BDIdentity
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	ACIMultiSiteSite BDIdentity	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	MSCSubnetToBDScope Type	
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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteSubnetTo BDName
SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity
SUBNET_TO_SITE_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSite BDIdentity

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	ACIMultiSiteL3OutTo SiteBDIdentity	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	MSCDeviceSchema Identity
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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteL3OutToSite BDIdentity

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	ACIMultiSiteSubnetTo BDIdentity	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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteSubnetTo BDName
SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity

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	ACIMultiSiteSubnetTo SiteBDIdentity	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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteSubnetTo BDName
SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity
SUBNET_TO_SITE_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSite BDIdentity

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	
Intersitebumtrafficallow	Check to enable Intersitebumtrafficallow. 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	ACIMultiSiteSite BDIdentity

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	ACIMultiSiteSubnetTo BDIdentity	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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteSubnetTo BDName
SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity

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	ACIMultiSiteSubnetTo SiteBDIdentity	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.	MSCSubnetToBDScope Type	
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	MSCDeviceSchema TemplateIdentity
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	ACIMultiSiteSubnetTo BDName

Output	Description	Type
SUBNET_TO_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Bridge Domain Identity	ACIMultiSiteSubnetTo BDIdentity
SUBNET_TO_SITE_BRIDGE_ DOMAIN_IDENTITY	ACI Multi-site Subnet to Site Bridge Domain Identity	ACIMultiSiteSubnetToSite BDIdentity