



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	emcBlockStoragePoolIdentity
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	ApicDeviceDPCStaticPathIdentity
TENANT_EPG_DPC_STATIC_PATH2	DPC Static Path2	ApicDeviceDPCStaticPathIdentity
OUTPUT_L2_VLAN	L2 Vlan	gen_text_input
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	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 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	ApicDeviceVPCStaticPath Identity
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_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	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