



HyperFlex Tasks

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Configure VMware Host Power Action

Summary

Powers On/Off a VMware host.

Description

This task performs power actions such as Host Power up from Standby, Down to Standby, Enter Maintenance Mode, and Exit Maintenance Mode.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the Host for which action need to be performed	vmHost	Y
Host Power Action	Select action	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Create HyperFlex Datastore

Summary

Create a HyperFlex datastore.

Description

This task creates a datastore. You must provide the size in TB, GB, or MB.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
Datastore Name	Enter the Datastore Name.	gen_text_input	Y
Storage Capacity Available (GB)	Storage Capacity Available in GB		
Size	Enter the Datastore Size	gen_text_input	Y
Size Metric (MB/GB/TB):		HyperFlexUnitSize	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Create HyperFlex ReadyClones of a VM

Summary

Create clones of a VM.

Description

This task creates clones of a VM. Use this task to clone many VMs quickly. Internally, the Hyperflex ReadyClones feature uses VMware vSphere Storage API Array Integration (VAAI) data offloads to clone VMs.

Inputs

Input	Description	Mappable To Type	Mandatory
HX Account Name	Enter the HX Account Name	HyperFlexAccountName	Y
VM Template Name	Enter the VM Template Name	HyperFlexVMTemplate Name	Y
Number of Clones	Enter the Number of Clones	gen_text_input	Y
Customization Spec Name	Enter the Customization Spec Name	HyperFlexCustomization Spec	
Resource Pool Name	Enter the Resource Pool Name	vmwareResourcePool Identity	
VM Name Prefix	Enter the VM Name Prefix	gen_text_input	Y
Guest Name Prefix	Enter the Guest Name Prefix	gen_text_input	Y
Start clone number	Enter the start clone number	gen_text_input	Y
Increment clone number	Enter the increment clone number	gen_text_input	Y
Power ON after deploy	Select to power on VM after deploy	Boolean	
Protect VM	Protect VM	Boolean	
Protection Type	Protection Type	HyperFlexProtectionType List	
Protection Group	Select Protection Group	HyperFlexProtectionGroup Identity	
Interval	Interval to protect	HyperFlexProtectionInterval List	
Protect now or later	Protect now or later	HyperFlexProtection ScheduleList	
Protection Time	Provision Time	date_time	
Use VMware Tools to quiesce the virtual machine	Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_RAPIDCLONE_OUTPUT	HyperFlex Rapid Clone VMs Ids	gen_text_input
OUTPUT_HYPERFLEX_RAPIDCLONE_VMIDENTITIES_OUTPUT	HyperFlex Rapid Clone VMs Identities	gen_text_input
OUTPUT_HYPERFLEX_RAPIDCLONE_VMNAME_OUTPUT	HyperFlex Rapid Clone VMs Names	gen_text_input
OUTPUT_HYPERFLEX_VMWARE_ACCOUNT_IDENTITY	VMWare Account Identity	HyperFlexVMWare AccountIdentity
OUTPUT_VM_IDS	VM IDs	multiVM

Create Protection Group

Summary

Create Protection Group on the HyperFlex Cluster.

Description

This task will create protection group on the HyperFlex Cluster, we can protect multiple VMs by adding them to protection group.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Pair	Select Replication Pair	HyperFlexReplicationPair Identity	Y
Name	Name of the Protection Group	gen_text_input	Y
Interval	Interval to protect	HyperFlexProtectionInterval List	Y
Protect now or later	Protect now or later	HyperFlexProtectionSchedule List	Y
Protection Time	Provision Time	date_time	
Use VMware Tools to quiesce the virtual machine	Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity

Delete HyperFlex Datastore

Summary

Delete a HyperFlex datastore.

Description

This task deletes a datastore. The datastore must first be unmounted.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccount Identity	Y
HyperFlex Datastore	Select HyperFlex Datastore	HyperFlexDatastore Identity	Y
Are you sure you want to delete the selected datastore?	Datastore delete warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity

Delete PortGroup

Summary

Deletes a port group.

Description

This task deletes a port group that is part of a vSwitch. Once a port group is deleted, all the VMs associated with the port group are associated with the default port group in the default vSwitch of that host.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be deleted.	portGroupIdentity	Y

Outputs

No Outputs

Delete Protection Group

Summary

Delete Protection Group on the HyperFlex Cluster.

Description

This task will delete protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Protection Group	Select Protection Group	HyperFlexProtectionGroup Identity	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity

Edit HyperFlex Datastore

Summary

Change the size of a HyperFlex datastore.

Description

This task modifies the amount of storage allocated to a datastore.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
HyperFlex Datastore	Select HyperFlex Datastore	HyperFlexDatastoreIdentity	Y
Storage Capacity Available (GB)	Storage Capacity Available in GB		
Size	Enter the Datastore Size	gen_text_input	Y
Size Metric (MB/GB/TB):		HyperFlexUnitSize	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

HX ESXi Host Maintenance Mode

Summary

Puts an ESX server in a storage cluster into HX maintenance mode.

Description

This task puts an ESX server in a storage cluster into HX maintenance mode. This task can perform both entry to and exit from the maintenance mode.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Identity	Select Account Identity	gen_text_input	Y
Account Name		vmwareAccountName	
Cluster		clusterList	
Host Node		vmareHost	
Host Node Id		gen_text_input	
ESXi Action		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity

Modify Replication Schedule

Summary

Modify Replication Schedule on the HyperFlex Cluster.

Description

This task will modify Protection Group or VM Schedule options like interval, protection time , quiesce type on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Protection Type	Protection Type	HyperFlexProtectionTypeList	Y
Protection Group	Select Protection Group	HyperFlexProtectionGroup Identity	Y
Select VM	Select the VM	HyperFlexProtectedVMList Popup	Y
Interval	Interval to protect	HyperFlexProtectionIntervalList	Y
Protect now or later	Protect now or later	HyperFlexProtectionSchedule List	Y
Protection Time	Provision Time	date_time	
Use VMware Tools to quiesce the virtual machine	Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity
OUTPUT_VM_IDS	VM IDs	multiVM
OUTPUT_HYPERFLEX_PROTECTION_TYPE	Protection Type	HyperFlexProtectionType List

Mount HyperFlex Datastore

Summary

Mount a HyperFlex datastore.

Description

This task mounts a datastore. You select the datastore from a list of available datastores.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
HyperFlex Datastore	Select HyperFlex Datastore	HyperFlexDatastore Identity	Y
Mount the selected datastore?	Mount datastore warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Protect VM

Summary

Protect VM on the HyperFlex Cluster.

Description

This task will protect VM independently or with protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Replication Pair	Select Replication Pair	HyperFlexReplicationPair Identity	Y
Protection Type	Protection Type	HyperFlexProtectionTypeList	Y
Protection Group	Select Protection Group	HyperFlexProtectionGroup Identity	Y
Select VM	Select the VM	HyperFlexUnprotectedVMList Popup	Y
Interval	Interval to protect	HyperFlexProtectionIntervalList	Y
Protect now or later	Protect now or later	HyperFlexProtectionSchedule List	Y
Protection Time	Provision Time	date_time	
Use VMware Tools to quiesce the virtual machine	Use VMware Tools to quiesce the virtual machine	Boolean	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_REPLICATION_PAIR_NAME	Name of the Replication Pair	gen_text_input
OUTPUT_HYPERFLEX_REPLICATION_PAIR_IDENTITY	Identity of the Replication Pair	HyperFlexReplicationPair Identity
OUTPUT_HYPERFLEX_PROTECTION_GROUP_NAME	Name of the Protection Group	gen_text_input
OUTPUT_HYPERFLEX_PROTECTION_GROUP_IDENTITY	Identity of the Protection Group	HyperFlexProtectionGroup Identity
OUTPUT_VM_IDS	VM IDs	multiVM
OUTPUT_HYPERFLEX_PROTECTION_TYPE	Protection Type	HyperFlexProtectionType List
OUTPUT_HYPERFLEX_VM_PROTECTION_INTERVAL	Protection Interval	HyperFlexProtectionInterval List

Rename HyperFlex Datastore

Summary

Rename a Hyperflex datastore.

Description

This task checks that the new datastore name is not the same as the original and renames the datastore. The datastore must be in an unmounted state.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
Selec Datastore	Select HyperFlex Datastore	HyperFlexDatastoreIdentity	Y
New Datastore Name		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccountIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean
OUTPUT_VMWARE_DATASTORE_NAME	Name of the VMware Datastore	gen_text_input
OUTPUT_VMWARE_DATASTORE_MOR	Name of the VMware Datastore MOR	gen_text_input

Unassociate UCS VLAN from vNICs

Summary

Dissociate UCS vNICs from a VLAN.

Description

This task verifies that vNICs are associated with a UCS service profile, service profile template, vNIC template or LAN connectivity policy and dissociates the vNICs from VLAN accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN	Select VLAN to be deleted	ucsVlanIdentity	Y
Host List		gen_text_input	Y
vSwitch Name	Select the vSwitch on which Network connection needs to be deleted.	vmwareVSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input

Unmount HyperFlex Datastore

Summary

Unmounts a HyperFlex datastore.

Description

This task unmounts a datastore. You select the datastore from a list of available datastores.

Inputs

Input	Description	Mappable To Type	Mandatory
HyperFlex Account Name	Select Account name	HyperFlexAccountIdentity	Y
HyperFlex Datastore	Select HyperFlex Datastore	HyperFlexDatastore Identity	Y
Unmount the selected datastore?	Unmount datastore warning message		Y

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccountIdentity
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_ACCOUNT_IDENTITY	Datastore Account Identity	vmwareDatastoreAccount Identity
OUTPUT_POD_NAME	Name of the Pod	gen_text_input
OUTPUT_ACCOUNT_NAME	Name of the Account	gen_text_input
OUTPUT_DATASTORE_NAME	Name of the Datastore	gen_text_input
OUTPUT_HYPERFLEX_DATASTORE_IDENTITY	HyperFlex Account Identity	HyperFlexDatastoreIdentity
OUTPUT_MOUNT_STATUS	Mount Status	Boolean

Unprotect VM

Summary

Unprotect VM on the HyperFlex Cluster.

Description

This task will Unprotect VM independently or from protection group on the HyperFlex Cluster.

Inputs

Input	Description	Mappable To Type	Mandatory
Select VM	Select the VM	HyperFlexProtectedVMListPopup	Y

Outputs

Output	Description	Type
OUTPUT_VM_IDS	VM IDs	multiVM

Update UCS vNICs

Summary

Associate UCS vNICs with a VLAN.

Description

This task checks that vNICs are associated with a UCS Service Profile, Service Profile Template, vNIC Template, or LAN Connectivity policy and updates the vNICs accordingly.

Inputs

Input	Description	Mappable To Type	Mandatory
VLAN Name	Enter VLAN Name	gen_text_input	
VLAN Id	Enter VLAN Id	gen_text_input	
Account Name	Select UCSM Account Name under which VLAN will be created	ucsAccountName	Y
vSwitch Name	Select the vSwitch on which Network connection needs to be added.	vmwareVSwitchIdentity	Y
Host List		gen_text_input	Y

Outputs

No Outputs

Validate create Dv port group inputs

Summary

Validate inputs to create a Dv port group.

Description

This task validates its inputs. It returns the following exceptions:

- DV Switch Identity is null.
- Invalid VMware DV Switch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- DV Switch is not configured on all the ESXi hosts in the HX Cluster.
- DV Switch is not configured on any ESXi hosts in the HX Cluster.
- DV Port Group already exists.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
DvSwitch Name	Select the DvSwitch.	VMwareDVSwitchIdentity	Y
Dv Port Group Name	Enter Dv Port Group name to be created.	gen_text_input	Y
Number of Ports	Enter number of ports to be created.	gen_text_input	Y
Port binding	Select the binding type for the ports.	VMwareDVPortGroupPort Binding	Y
VLAN ID	The vLan Id for the network connection.	vlanID	
Create VLAN on UCS	Check this option if vlan needs to be created on UCS	Boolean	
VLAN Name	Enter VLAN Name	gen_text_input	Y
Fabric ID	Enter Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccount Identity
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID

Output	Description	Type
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroupIdentity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitchIdentity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate create VMKernel port group inputs

Summary

Validate the inputs to create a VMKernel port group.

Description

This task validates its inputs. It returns the following exceptions:

- vSwitch Identity is null.
- Invalid VMware vSwitch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
vSwitch Name	Select the vSwitch on which Network connection needs to be added.	vmwareVSwitch Identity	Y
Connection Types	Select the connection type to be added to the vSwitch.	gen_text_input	Y
Network Label	Name of the connection type that need to be created.	gen_text_input	Y
Enable vMotion	Enable vMotion	Boolean	
Enable Fault Tolerance	Enable Fault Tolerance	Boolean	
Enable Management	Enable Management	Boolean	
Enable vSphere Provisioning	Enable vSphere Provisioning	Boolean	
Enable vsan	Enable vsan	Boolean	
Enable vSphereReplication NFC	Enable vSphereReplicationNFC	Boolean	
Enable vSphereReplication	Enable vSphereReplication	Boolean	
VLAN ID	The vLan Id for the network connection.	vlanID	
Create VLAN on UCS	Check this option if vlan needs to be created on UCS	Boolean	
VLAN Name	Enter VLAN Name	gen_text_input	Y
Fabric ID	Enter Fabric ID	ucsVlanTypeProvider	

Input	Description	Mappable To Type	Mandatory
Network Type	Select the network type.	gen_text_input	Y
Enable DHCP	Enable DHCP	Boolean	
Static IP Pool	Provide IP address range or comma separated IP addresses or both	StaticPoolIP	
Subnet Mask	Enter Subnet Mask.	subnetMask	
Gateway IP Address	IP Address of the default gateway for this network	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HYPERFLEX_ACCOUNT_IDENTITY	HyperFlex Account Identity	HyperFlexAccount Identity
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate create port group inputs

Summary

Validate the inputs to create a port group.

Description

This task validates its inputs. It returns the following exceptions:

- vSwitch Identity is null.
- Invalid VMware vSwitch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- Port Group already exists on hosts.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select vSwitch	Select the vSwitch on which Network connection needs to be added.	vmwareVSwitchIdentity	Y
VM Port Group	Name of the connection type that need to be created.	gen_text_input	Y
VLAN ID	The vLan Id for the network connection.	vlanID	
Create VLAN on UCS	Check this option if vlan needs to be created on UCS	Boolean	
VLAN Name	Enter VLAN Name	gen_text_input	Y
Fabric ID	Enter Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity

Output	Description	Type
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate modify Dv port group inputs

Summary

Validate inputs to modify a Dv port group.

Description

This task validates its inputs. It returns the following exceptions:

- Port Group Identity is empty.
- Port Group is null or account, DV Switch or host are empty.
- Invalid VMware DV Switch Identity format.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- DV Switch is not configured on all the ESXi hosts in the HX Cluster.
- DV Switch is not configured on any ESXi hosts in the HX Cluster.
- DV Port Group already exists.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be Modify.	VMwareDVPortgroup Identity	Y
NetWork Label	Enter Network Label	gen_text_input	
Number of Ports	Enter number of ports to be created.	gen_text_input	Y
Port binding	Select the binding type for the ports.	VMwareDVPortGroupPort Binding	Y
VLAN ID	The vLan Id for the network connection.	vlanID	
Create VLAN on UCS	Check this option if vlan needs to be created on UCS	Boolean	
VLAN Name	Enter VLAN Name	gen_text_input	Y
Fabric ID	Enter Fabric ID	ucsVlanTypeProvider	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_NETWORK_LABEL	Name of the modified Port Group name	gen_text_input

Output	Description	Type
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

Validate modify port group inputs

Summary

Validate the inputs to modify a port group.

Description

This task validates its inputs. It returns the following exceptions:

- Port Group Identity is empty.
- Port Group is null or account, vSwitch or host are empty.
- VLAN ID should be a numeric value between [1-3967] and [4048-4093].
- No VMware account found.
- No UCS account found in pod.
- No hosts found in a cluster.
- vSwitch has no uplinks on the host.
- No switch configuration found on the hosts in the clusters.
- check for the existing UCS VLAN with the same name.

Inputs

Input	Description	Mappable To Type	Mandatory
PortGroup Name	Select the PortGroup to be Modify.	portGroupIdentity	Y
NetWork Label	Enter Network Label	gen_text_input	
VLAN ID	The vLan Id for the network connection.	vlanID	
Create VLAN on UCS	Check this option if vlan needs to be created on UCS	Boolean	
VLAN Name	Enter VLAN Name	gen_text_input	Y
Fabric ID	Enter Fabric ID	ucsVlanTypeProvider	
Connection Types	Select the connection type to be added to the vSwitch.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PORT_GROUP_NAME	Name of the Port Group on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_NETWORK_LABEL	Name of the modified Port Group name	gen_text_input
OUTPUT_PORT_GROUP_VLAN	VLAN of the Port Group on which the selected operation was performed	vlanID
OUTPUT_PORT_GROUP_IDENTITY	Identity of the Port Group	portGroupIdentity

Output	Description	Type
OUTPUT_VMWARE_VM_PORT_GROUP_IDENTITY	Identity of the VMware Generic port Group	vmwareVmPortGroup Identity
OUTPUT_CREATE_VLAN_ON_UCSM	Create Vlan on UCSM	Boolean
OUTPUT_UCSM_VLAN	Name of the UCSM VLAN on which the selected operation was performed	gen_text_input
OUTPUT_FABRIC_ID	Name of the Fabric ID on which the selected operation was performed	gen_text_input
OUTPUT_HYPERFLEX_HOST_LIST	Names of the hosts on which create vm port group operation was performed	gen_text_input
OUTPUT_HYPERFLEX_UCSM_ACCOUNT	Names of the UCSM account on which create vlan operation was performed	ucsAccountName
OUTPUT_HYPERFLEX_PROMISCUOUS_MODE	Promiscuous Mode	Boolean
OUTPUT_HYPERFLEX_VSWITCH_IDENTITY	vSwitch Name	vmwareVSwitch Identity
OUTPUT_HYPERFLEX_CONNECTION_TYPE	Connection Types	gen_text_input
OUTPUT_POD_NAME	Name of the Pod	gen_text_input

