



## Custom - Virtual SAN Tasks

---

This chapter contains the following sections:

- [Check Host SSH Connectivity, on page 2](#)
- [Check VM Count, on page 3](#)
- [Check VMs Powered Off on Host, on page 4](#)
- [DVSwitch Check Task, on page 5](#)
- [Get Account,Datacenter and Cluster from Cluster Identity, on page 6](#)
- [Get Account,Datacenter,ClaimDiskMode and Cluster from Cluster Identity, on page 7](#)
- [Get DVPortGroup from DVSwitch, on page 8](#)
- [Get DVSwitch Virtual Adapters for VMware Host, on page 9](#)
- [Get DVSwitch and DV PortGroup, on page 10](#)
- [Get DVSwitch from VMware Host, on page 11](#)
- [Get Datacenter And Account From Datacenter Identity, on page 12](#)
- [Get Host Node Multi Selector From Host Node Identity, on page 13](#)
- [Get HostNode Identity, on page 14](#)
- [Get PXE Boot ID from VMware Host, on page 15](#)
- [Get Service Profile Identity from VMware Host, on page 16](#)
- [Get VLAN From IPPool Policy, on page 17](#)
- [Get VMware Host from Cluster, on page 18](#)
- [Get and validate VMware Host from Cluster, on page 19](#)
- [HA Enable Check, on page 20](#)
- [vMotionDvPortGroup Check Task, on page 21](#)

# Check Host SSH Connectivity

**Summary**

Checks SSH connectivity of Host with provided user ID and password

**Description**

Checks SSH connectivity of Host with provided user ID and password

**Inputs**

Input	Description	Mappable To Type	Mandatory
Hosts		gen_text_input	
Host User Id		gen_text_input	
Host Password		password	

**Outputs**

No Outputs

# Check VM Count

Summary  
Description  
Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	Y
Host		gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

# Check VMs Powered Off on Host

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	Y
Host		gen_text_input	Y

## Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

# DVSwitch Check Task

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch		VMwareDVSwitchIdentity	

## Outputs

Output	Description	Type
DVSwitchMandatory	DVSwitch Mandatory	VMwareDVSwitchIdentity

# Get Account, Datacenter and Cluster from Cluster Identity

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		gen_text_input	Y

## Outputs

Output	Description	Type
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME	gen_text_input
DATACENTER_NAME	DATACENTER_NAME	datacenterName
CLUSTER_NAME	CLUSTER_NAME	gen_text_input
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
DATACENTER_IDENTITY	DATACENTER_IDENTITY	vsanVMwareDatacenterIdentity
CLAIM_DISK_MODE	CLAIM_DISK_MODE	VMWareClaimDiskModeList

# Get Account,Datacenter,ClaimDiskMode and Cluster from Cluster Identity

Summary  
Description  
Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		gen_text_input	Y

Outputs

Output	Description	Type
VMWARE_ACCOUNT_NAME	VMWARE_ACCOUNT_NAME	gen_text_input
DATACENTER_NAME	DATACENTER_NAME	datacenterName
CLUSTER_NAME	CLUSTER_NAME	gen_text_input
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
DATACENTER_IDENTITY	DATACENTER_IDENTITY	vsanVMwareDatacenterIdentity
CLAIM_DISK_MODE	CLAIM_DISK_MODE	VMWareClaimDiskModeList

# Get DVPortGroup from DVSwitch

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch Identity		VMwareDVSwitchIdentity	Y

## Outputs

Output	Description	Type
OUTPUT_DVPORTGROUP_IDENTITY1		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY2		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY3		VMwareDVPortgroupIdentity
OUTPUT_DVPORTGROUP_IDENTITY4		VMwareDVPortgroupIdentity



# Get DVSwitch Virtual Adapters for VMware Host

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Account		gen_text_input	
Host		gen_text_input	

## Outputs

Output	Description	Type
OUTPUT_VIRTUAL_ADAPTERS		gen_text_input

# Get DVSwitch and DV PortGroup

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
DVSwitch		VMwareDVSwitchIdentity	
newDVSwitch		VMwareDVSwitchIdentity	
Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
new Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
nioc Virtual SAN Portgroup		VMwareDVPortgroupIdentity	
DVSwitch Uplink PortGroup		uplinkPortGroupLovList	
nioc DVSwitch Uplink PortGroup		uplinkPortGroupLovList	
existing VMotion Portgroup		VMwareDVPortgroupIdentity	
nioc VMotion Portgroup		VMwareDVPortgroupIdentity	

## Outputs

Output	Description	Type
OUTPUT_DVSwitch		dvSwitchName
OUTPUT_VirtualSANPortGroup		VMwareDVPortgroupIdentity
OUTPUT_DVSwitchUplinkPortGroup Mandatory		uplinkPortGroupLovList
OUTPUT_VMotionPortgroup		VMwareDVPortgroupIdentity

# Get DVSwitch from VMware Host

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Account Name		gen_text_input	
Host		gen_text_input	

## Outputs

Output	Description	Type
OUTPUT_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity
OUTPUT_HOST_IP		gen_text_input

# Get Datacenter And Account From Datacenter Identity

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Datacenter		gen_text_input	Y

## Outputs

Output	Description	Type
DatacenterName	Datacenter Name	datacenterName
AccountName	Account Name	vmwareAccountName

# Get Host Node Multi Selector From Host Node Identity

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
HostIdentity		gen_text_input	Y

## Outputs

Output	Description	Type
HostNodeMultiSelector	Vmware Host Node Multi Selector	vmwareHostMultiSelect

# Get HostNode Identity

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
select Host/Cluster		vmwareHostorCluster	
VMware HostNode Identity		gen_text_input	

## Outputs

Output	Description	Type
OUTPUT_HOSTNODE_IDENTITY		vmwareHostNodeIdentity

# Get PXE Boot ID from VMware Host

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Host		gen_text_input	Y

## Outputs

Output	Description	Type
OUTPUT_PXE_BOOT_ID		gen_text_input

# Get Service Profile Identity from VMware Host

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Pod Name		gen_text_input	Y
Host		gen_text_input	Y

## Outputs

Output	Description	Type
OUTPUT_SERVICE_PROFILE_IDENTITY		ucsServiceProfileIdentity
OUTPUT_VMWARE_ACCOUNT_NAME		vmwareAccountName
OUTPUT_UCSM_ACCOUNT_NAME		ucsAccountIdentity



# Get VLAN From IPPool Policy

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
IpPoolPolicy		gen_text_input	

## Outputs

Output	Description	Type
VlanId		vlanID

# Get VMware Host from Cluster

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
VMware Cluster		vmwareClusterIdentity	Y

## Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input
OUTPUT_VSAN_HOST_NODE_IDENTITY		vsanHostNodeIdentity
OUTPUT_VMWARE_DVSWITCH_IDENTITY		VMwareDVSwitchIdentity

# Get and validate VMware Host from Cluster

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		vmwareClusterIdentity	
Host		vsanHostNodeIdentity	
minimumHostNodes		gen_text_input	Y

## Outputs

Output	Description	Type
OUTPUT_HOST_IP		gen_text_input

# HA Enable Check

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
Cluster		vsanCluster	Y

## Outputs

Output	Description	Type
CLUSTER_IDENTITY	CLUSTER_IDENTITY	vmwareClusterIdentity
HA_CURRENT_VALUE	HA_CURRENT_VALUE	Boolean
HOST_ISOLATION_RESPONSE	HOST_ISOLATION_RESPONSE	gen_text_input
DATASTORE_HEARTBEAT	DATASTORE_HEARTBEAT	gen_text_input
VM_MONITORING	VM_MONITORING	gen_text_input
ADMISSION_CONTROL	ADMISSION_CONTROL	Boolean
HOST_MONITORING	HOST_MONITORING	gen_text_input
HA_ROLLBACK_VALUE	HA_ROLLBACK_VALUE	Boolean

# vMotionDvPortGroup Check Task

## Summary

## Description

## Inputs

Input	Description	Mappable To Type	Mandatory
vMotionPortGroup		VMwareDVPortgroupIdentity	
vMotionIPPoolPolicy		VMWareIPPoolPolicy	

## Outputs

Output	Description	Type
vMotionPortGroupMandatory	vMotion PortGroup Mandatory	VMwareDVPortgroupIdentity
vMotionIPPoolPolicyMandatory		VMWareIPPoolPolicy

