



EMC VNXe Tasks

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Add VNXe Host Initiator

Summary

Add new initiator to Host

Description

This task is to add initiator(iSCSI/FCP) to Host.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Identity	Choose a host to which to add the initiator	EMCVNXEHostIdentity	Y
Initiator Type	Choose a host initiator type	EMCVNXEHostInitiatorTypeSelector	Y
IQN or WWN	Enter an IQN in case of iSCSI access or a WWN in case of FC access	gen_text_input	Y
CHAP User Name	Enter the CHAP user name. Applies to iSCSI initiators only.	gen_text_input	
CHAP Secret	Enter the CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.	password	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiatorIdentity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Associate VNXe LUN As Datastore

Summary

Mount the selected LUN as VMFS datastore in the selected hosts

Description

This task will mount the selected LUN to the selected hosts as datastore

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Node	Choose one or more hosts to create the datastore	vmwareHostNodeIdentity	Y
LUN Identity	Choose a LUN to mount as a datastore	EMCVNXELUNIdentity	Y
Datastore Name	Enter a datastore name	gen_text_input	
Initiator Type	Choose an initiator type	gen_text_input	
VDC Name	Choose a vDC to assign to the storage policy	vDC	
Success Criteria	Choose the success criteria	emcVnxMountDatastore SuccessCriteria	Y

Outputs

Output	Description	Type
OUTPUT_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create VNXe CIFS Server

Summary

Create EMC VNXe CIFS Server

Description

This task is used to create CIFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server	EMCVNXENASSever Identity	Y
NetBios Name	Enter the NetBIOS name	gen_text_input	Y
WorkGroup	Enter the workgroup	gen_text_input	Y
Local Admin Password	Enter the local admin password	password	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SERVER_IDENTITY	EMC VNXe CIFS Server Identity	EMCVNXECIFSSERVERIDENTITY

Create VNXe CIFS Share

Summary

Create EMC VNXe CIFS Share

Description

This task is used to create a CIFS share for existing file system to CIFS clients.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
File System	Choose a file system to add CIFS share to	EMCVNXEFileSystemIdentity	Y
Path	Enter a local path to a location within the file system	gen_text_input	Y
Name	Enter a unique name for the CIFS share	gen_text_input	
Description	Enter a description	gen_text_input	
CIFS Server	Choose the CIFS server	EMCVNXECIFSSERVERIDENTITY	Y
Is Read Only	Check to enable read-only	Boolean	
Is Encryption Enabled	Check to enable CIFS encryption	Boolean	
Is Continuous Availability Enabled	Check to enable continuous availability	Boolean	
Is Access Entry Enabled	Check to enable access level permissions	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE FILE SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystemIdentity
OUTPUT EMC VNXE CIFS SHARE_IDENTITY	EMC VNXe CIFS Share Identity	EMCVNXECIFSShareIdentity

Create VNXe File Interface

Summary

Create EMC VNXe File Interface

Description

This task is used to create network file interfaces to the system.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server	EMCVNXENASSeverIdentity	Y
Ethernet Port	Choose the Ethernet port	EMCVNXEIPPortIdentity	Y
IP Address	Enter the IP address of the network interface	gen_text_input	Y
Gateway	Enter the gateway address of the network interface	gen_text_input	
Net Mask	Enter the net mask	gen_text_input	
Prefix Length	Enter the prefix length	gen_text_input	
vlan ID	Enter a value between 0 and 4094	gen_text_input	
Configuration	Choose the configuration of the interface	EMCVNXEInterface ConfigurationSelector	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Create VNXe File System

Summary

Create new file system

Description

This task is to create new file system

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Storage Pool	Choose a storage pool for the new file system	EMCVNXEStoragePool Identity	Y
Name	Enter a unique name for the new file system	gen_text_input	
Protocol	Choose a protocol to be configured	EMCVNXEFSprotocol Selector	Y
NAS Server	Choose a NAS server	EMCVNXENASSever Identity	Y
Size	Enter a size for the file system	gen_text_input	Y
Capacity Units	Choose the file system capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Tiering Policy	Choose a FAST VP tiering policy for the storage resource	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the file system	Boolean	
FLR Enabled	Check to enable FLR	Boolean	
Enable Deduplication	Check to enable deduplication	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE FILE SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystem Identity
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity
OUTPUT EMC VNXE NAS SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity
OUTPUT EMC VNXE ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Host

Summary

Create new host

Description

This task is to add new Host

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Type	Choose the type of host configuration	EMCVNXEHostTypeSelector	Y
Name	Enter a unique name for the new host	gen_text_input	Y
Description	Enter a description	gen_text_input	
OS Type	Enter the operating system running on the host	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Host IP Port

Summary

Create VNXe Host IP Port

Description

This task is to create host IP Port.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Host Identity	Choose a host to which to add the IP port	EMCVNXEHostIdentity	Y
Network Address	Enter an IP address or network name of the port	gen_text_input	Y
Subnet Mask	Enter a subnet mask for the IP address, if any	gen_text_input	

Outputs

Output	Description	Type
OUTPUT EMC VNXE HOST IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT EMC VNXE HOST IP PORT IDENTITY	EMC VNXe Host IP Port Identity	EMCVNXEHostIPPortIdentity
OUTPUT EMC VNXE ACCOUNT IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe iSCSI Interface

Summary

Create new iSCSI Interface

Description

This task is to create new iSCSI interface

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccount Identity	Y
iSCSI Node	Choose an iSCSI node on which an interface to be created	EMCVNXEISCSINode Identity	Y
IP Address	Enter the IP address of the iSCSI interface	gen_text_input	Y
Subnet Mask	Enter an IPV4 net mask for the network interface, if the interface uses an IPV4 address.	gen_text_input	Y
IPV6 Prefix Length	Enter an IPV6 prefix length for the iSCSI interface, if the interface uses an IPV6 address.	gen_text_input	
Gateway	Enter the gateway of the iSCSI portal	gen_text_input	
VLAN ID	Enter an ethernet virtual LAN identifier used for tagging. Allowed values are from 1 to 4095.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ISCSI_INTERFACE_IDENTITY	EMC VNXe iSCSI Interface Identity	EMCVNXEISCSIInterface Identity
OUTPUT_EMV_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe LUN

Summary

Create new LUN by selecting storage pool and capacity information

Description

This task is to create new LUN

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
Storage Pool	Choose a storage pool for the new LUN	EMCVNXEStoragePool Identity	Y
Name	Enter a unique name for the new LUN	gen_text_input	
Size	Enter a size for the new LUN	gen_text_input	Y
Capacity Units	Choose the capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Default Node	Choose a storage processor that owns the LUN	EMCVNXENodeSelector	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the LUN	Boolean	
LUN Access Hosts	Choose one or more hosts with access to the LUN	EMCVNXEMultiHostIdentity ForLUNs	
Snapshot Access Hosts	Choose one or more hosts with access to snapshots of the LUN	EMCVNXEMultiHostIdentity ForLUNs	
LUN and Snapshot Access Hosts	Choose one or more hosts with access to both the LUN and its snapshots	EMCVNXEMultiHostIdentity ForLUNs	

Outputs

Output	Description	Type
OUTPUT EMC VNXE LUN IDENTITY	EMC VNXe LUN Identity	EMCVNXELUNIdentity
OUTPUT EMC VNXE STORAGE POOL IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity
OUTPUT EMC VNXE ACCOUNT IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Output	Description	Type
OUTPUT_EMV_VNxE_MULTI_HOST_IDENTITY	EMC VNXe Multi-Host Identity	EMCVNXEMultiHost Identity

Create VNXe NAS Server

Summary

Create EMC VNXe NAS Server

Description

This task is to create new NAS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose a storage pool for the new NAS server	EMCVNXEStoragePoolIdentity	Y
Name	Enter a unique name for the NAS server	gen_text_input	
Mode	Choose the mode of operation	EMCVNXENaSServerMode Selector	
Storage Processor	Choose a storage processor for the new NAS server	EMCVNXEStorageProcessor Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity

Create VNXe NFS Datastore

Summary

Create new NFS Datastore

Description

This task is to create new NFS datastore from selected nfs share

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
NFS Share	Choose a VNXe NFS share with which to create the datastore	EMCVNXENFSShareIdentity	Y
Host Node	Choose one or more hosts with which to create the datastore	vmwareHostNodeIdentity	Y
Datastore Name	Enter a datastore name	gen_text_input	
Access Mode	Choose an access mode	EMCVNXEAccessMode Selector	Y
Success Criteria	Choose the success criteria	EMCVNXEASuccessCriteria Selector	Y

Outputs

Output	Description	Type
OUTPUT_VMWARE_ACCOUNT_NAME	VMware account name.	gen_text_input
OUTPUT_VMWARE_DATASTORE_NAME	Datastore name	dataStoreName
OUTPUT_VMWARE_DATASTORE_IDENTITY	Datastore name identity	vmwareDatastoreIdentity
OUTPUT_VMWARE_DATASTORE_INFO_IDENTITY	Datastore Info identity	gen_text_input
OUTPUT_VMWARE_HOST_NODE_IDENTITY	VMware Host Node Identity	vmwareHostNodeIdentity
OUTPUT_VMWARE_HOST_NODE_NAME	Host Node Name.	vmwareHostMultiSelect
OUTPUT_VM_PROVISIONING_DATASTORE_IDENTITY	VM Provisioning Datastore Identity	vmwareDatastoreIdentity

Create VNXe NFS Server

Summary

Create EMC VNXe NFS Server

Description

This task is to create new NFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server configured with NFS protocol	EMCVNXENASSever Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NFS_SERVER_IDENTITY	EMC VNXe NFS Server Identity	EMCVNXENFSServer Identity

Create VNXe NFS Share

Summary

Create new NFS share

Description

This task is to create new NFS Share

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
File System	Choose a file system to add NFS share to	EMCVNXEFileSystemIdentity	Y
Path	Enter a local path to a location within the file system	gen_text_input	Y
Name	Enter a unique name for the NFS share	gen_text_input	
Description	Enter a description	gen_text_input	
Default Access	Choose a default access type	EMCVNXENFSShareDefaultAccessSelector	
No Access Hosts	Choose one or more hosts with no access to the NFS share	EMCVNXEMultiHostIdentity	
Read-Only Hosts	Choose one or more hosts with read-only access to the NFS share	EMCVNXEMultiHostIdentity	
Read/Write Hosts	Choose one or more hosts with read-write access to the NFS share	EMCVNXEMultiHostIdentity	
Root Access Hosts	Choose one or more hosts with root access to the NFS share	EMCVNXEMultiHostIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_FILE_SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystemIdentity
OUTPUT_EMC_VNXE_NFS_SHARE_IDENTITY	EMC VNXe NFS Share Identity	EMCVNXENFSShareIdentity
OUTPUT_EMC_VNXE_ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Create VNXe Route

Summary

Create new route

Description

This task is to create new Route either of type Default/Subnet/Host.

Inputs

Input	Description	Mappable To Type	Mandatory
IP Interface	Choose an interface to connect to	EMCVNXEIPInterfacesIdentity	Y
Type	Select the type of route	EMCVNXERouteTypeSelector	Y
Gateway	Enter the gateway address if it is the default route	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Create VNXe Storage Pool

Summary

Create new storage pool

Description

This task is to create new storage pool by specifying storage tier configuration.

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccount Identity	Y
Name	Enter a unique name for the new storage pool	gen_text_input	
Description	Enter a description	gen_text_input	
Extreme Performance Tier	Check to configure an extreme performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter the number of disks to be added to the pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Performance Tier	Check to configure the performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Capacity Tier	Check to configure a capacity storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y

Input	Description	Mappable To Type	Mandatory
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripeWidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDiskGroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Alert Threshold	Enter the threshold at which the system generates notifications about the amount of space remaining in the pool, specified as a percent. Allowed values are from 1 to 84.	gen_text_input	
Enable FAST Cache	Check to enable the FAST cache for the new pool	Boolean	
Enable FAST VP Schedule	Check to enable scheduled data relocations for the pool	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity
OUTPUT EMC VNXE ACCOUNT_IDENTITY	EMC VNXe Account Identity	EMCVNXEAccountIdentity

Delete VNXe CIFS Server

Summary

Delete the selected CIFS Server

Description

This task is to delete existing CIFS Server.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be deleted	EMCVNXECIFSSERVERIDENTITY	Y

Outputs

No Outputs

Delete VNXe CIFS Share

Summary

Delete VNXe CIFS Share

Description

This task is to delete existing CIFS Share.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be deleted	EMCVNXeCIFSShareIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMVNXE_FILE_SYSTEM_IDENTITY	EMC VNXe File System Identity	EMCVNXeFileSystemIdentity

Delete VNXe FAST Cache

Summary

Disable FAST Cache on selected storage pool

Description

This task will disable FAST cache on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
FAST Cache Identity	Choose a FAST cache to disable	EMCVNXEFASTCacheIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMVNXE_FAST_CACHE_IDENTITY	EMC VNXe FAST Cache Identity	EMCVNXEFASTCacheIdentity

Delete VNXe File Interface

Summary

Delete EMC File Interface

Description

This task is to delete existing File Interface

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Interface	Choose a file interface to be deleted	EMCVNXEFileInterface Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Delete VNXe File System

Summary

Delete the selected file system

Description

This task is to delete the selected file system

Inputs

Input	Description	Mappable To Type	Mandatory
File System Identity	Choose an EMC VNXe file system to be deleted	EMCVNXEFileSystem Identity	Y

Outputs

No Outputs

Delete VNXe Host

Summary

Delete the selected host

Description

This task is to delete the selected host

Inputs

Input	Description	Mappable To Type	Mandatory
Host Identity	Choose an EMC VNXe host to be deleted	EMCVNXEHostIdentity	Y

Outputs

No Outputs

Delete VNXe Host IP Port

Summary

Delete VNXe Host IP Port

Description

This task is to delete existing host IP Port.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Port Identity	Choose a host IP port to be deleted	EMCVNXEHostIPPortIdentity	Y

Outputs

No Outputs

Delete VNXe iSCSI Interface

Summary

Delete the selected iSCSI interface

Description

This task is to delete the selected iSCSI interface

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Interface	Choose an iSCSI interface to be deleted	EMCVNXEISCSIIInterface Identity	Y

Outputs

No Outputs

Delete VNXe LUN

Summary

Delete the selected LUN

Description

This task is to delete the selected LUN

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Identity	Choose an EMC VNXe LUN to be deleted	EMCVNXELUNIdentity	Y

Outputs

No Outputs

Delete VNXe NAS Server

Summary

Delete EMC VNXe NAS Server

Description

This task is to delete NAS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server to be deleted	EMCVNXENASSeverIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity

Delete VNXe NFS Server

Summary

Delete EMC VNXe NFS Server

Description

This task is to delete NFS Server

Inputs

Input	Description	Mappable To Type	Mandatory
Select the NFS Server	Choose an NFS server to be deleted	EMCVNXENFSServerInfo Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NFS_SERVER_IDENTITY	EMC VNXe NFS Server Identity	EMCVNXENFSServer Identity

Delete VNXe NFS Share

Summary

Delete the selected NFS Share

Description

This task is to delete the selected NFS share

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Share	Choose an EMC VNXe NFS share to delete	EMCVNXENFSShareIdentity	Y

Outputs

No Outputs

Delete VNXe Route

Summary

Delete EMC VNXe Route

Description

This task is to delete the Route.

Inputs

Input	Description	Mappable To Type	Mandatory
Route	Choose the route to be deleted	EMCVNXERouteIdentity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Delete VNXe Storage Pool

Summary

Delete the selected storage pool

Description

This task will delete the selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool to be deleted	EMCVNXeStoragePool Identity	Y

Outputs

No Outputs

Expand VNXe Storage Pool

Summary

Expand storage pool capacity by adding additional disks

Description

This task will expand storage pool capacity

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool	EMCVNXEStoragePool Identity	Y
Extreme Performance Tier	Check to configure an extreme performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Performance Tier	Check to configure the performance storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose stripe width for the selected raid group	EMCVNXERaidStripe WidthSelector	Y
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDisk GroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to pool for each group. Separate values with commas if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y
Capacity Tier	Check to configure the capacity storage tier	Boolean	
Raid Type	Choose the RAID type of the disk group	EMCVNXERaidType Selector	Y
Stripe Width	Choose a stripe width for the selected RAID group	EMCVNXERaidStripe WidthSelector	Y

Input	Description	Mappable To Type	Mandatory
Disk Groups	Choose one or more disk groups	EMCVNXEMultiDiskGroupIdentity	Y
Number Of Disks	Enter a number of disks to be added to the pool for each group. Separate values with commas values if more than one disk group is selected. For example: 5, 5, 10.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

Modify EMC VNXe Storage Pool

Summary

Modify attributes of the selected storage pool

Description

This task will help modifying storage pool attributes

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool to be modified	EMCVNXEStoragePoolIdentity	Y
Name	Enter a name for the selected storage pool	gen_text_input	Y
Description	Enter a description	gen_text_input	
Alert Threshold	Enter the threshold at which the system generates notifications about the amount of space remaining in the pool, specified as a percent. Allowed values are from 1 to 84.	gen_text_input	
Enable FAST Cache	Check to enable the FAST cache for the pool	Boolean	
Enable FAST VP Schedule	Check to enable scheduled data relocations for the pool	Boolean	

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

Modify VNXe CIFS Server

Summary

Modify EMC VNXe CIFS Server

Description

This task is to modify EMC VNXe CIFS Server Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose a CIFS server to be modified	EMCVNXECIFSSERVERIDENTITY	Y
NetBIOS Name	Enter the NetBIOS name	gen_text_input	
WorkGroup	Enter the workgroup	gen_text_input	
Local Admin Password	Enter the local admin password	password	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SERVER_IDENTITY	EMC VNXe CIFS Server Identity	EMCVNXECIFSSERVERIDENTITY

Modify VNXe CIFS Share

Summary

Modify EMC VNXe CIFS Share

Description

This task will modify CIFS share rooted at the specified path.

Inputs

Input	Description	Mappable To Type	Mandatory
CIFS Server	Choose the CIFS server to be modified	EMCVNXECIFSShare Identity	Y
Description	Enter a description	gen_text_input	
Is Read Only	Check to enable read-only	Boolean	
Is Encryption Enabled	Check to enable CIFS encryption	Boolean	
Is Continuous Availability Enabled	Check to enable continuous availability	Boolean	
Is Access Entry Enabled	Check to enable access level permissions	Boolean	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_CIFS_SHARE_IDENTITY	EMC VNXe CIFS Share Identity	EMCVNXECIFSShare Identity

Modify VNXe DNS Server

Summary

Modify EMC VNXe DNS Server

Description

This task is to modify EMC VNXe DNS Server Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
Select DNS Server	Choose a DNS server	EMCVNXEDNSSever Identity	Y
Enter the addresses	Enter one or more addresses. Separate the addresses with commas.	gen_text_input	Y
Origin	Choose the source of the DNS server address	EMCVNXEDNSSeverOrigin	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_DNS_ SERVER_IDENTITY	EMC VNXe DNS SERVER Identity	EMCVNXEDNSSever Identity

Modify VNXe File Interface

Summary

Modify EMC File Interface

Description

This task is to modify selected File Interface to alter its mask,IP Address,Gateway etc..

Inputs

Input	Description	Mappable To Type	Mandatory
Select File Interface	Choose a file interface to be modified	EMCVNXEFileInterface Identity	Y
IP Port	Choose the Ethernet port	EMCVNXEIPPortIdentity	
IP Address	Enter the IP address of the network interface	gen_text_input	
Gateway	Enter the gateway address of the network interface	gen_text_input	
Net Mask	Enter the net mask	gen_text_input	
Prefix Length	Enter the prefix length	gen_text_input	
vlan ID	Enter a value between 0 and 4094	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_FILE_INTERFACE_IDENTITY	EMC VNXe File Interface Identity	EMCVNXEFileInterface Identity

Modify VNXe File System

Summary

Modify selected file system attributes

Description

This task will help modifying the attributes of file system like name, description, size etc

Inputs

Input	Description	Mappable To Type	Mandatory
File System Identity	Choose an EMC VNXe file system	EMCVNXEFileSystem Identity	Y
Size	Enter a size for the file system	gen_text_input	Y
Capacity Units	Choose the file system capacity units	EMCSizeUnit	Y
Description	Enter a description	gen_text_input	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the file system	Boolean	
Deduplication	Choose the state of deduplication	EMCVNXEDedupState Selector	

Outputs

Output	Description	Type
OUTPUT EMC VNXE FILE SYSTEM IDENTITY	EMC VNXe File System Identity	EMCVNXEFileSystem Identity

Modify VNXe Host

Summary

Modify selected host attributes

Description

This task will help modifying the attributes of selected host.

Inputs

Input	Description	Mappable To Type	Mandatory
Host Identity	Choose an EMC VNXe host to be modified	EMCVNXEHostIdentity	Y
Name	Enter a unique name for the host	gen_text_input	
Description	Enter a description	gen_text_input	
OS Type	Enter the operating system running on the host	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity

Modify VNXe Host IP Port

Summary

Modify VNXe Host IP Port

Description

This task is to modify the host IP Port Settings.

Inputs

Input	Description	Mappable To Type	Mandatory
Host IP Port Identity	Choose a host IP port to be modified	EMCVNXEHostIPPort Identity	Y
Network Address	Enter an IP address or network name of the port	gen_text_input	Y
Subnet Mask	Enter a subnet mask for the IP address, if any	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IP_PORT_IDENTITY	EMC VNXe Host IP Port Identity	EMCVNXEHostIPPort Identity

Modify VNXe Host Initiator

Summary

Modify iSCSI initiator CHAP information

Description

This task will modify CHAP information of selected iSCSI initiator

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be modified	EMCVNXEHostInitiator Identity	Y
CHAP User Name	Enter the CHAP user name. Applies to iSCSI initiators only.	gen_text_input	
CHAP Secret	Enter the CHAP secret to use to authenticate iSCSI sessions. Applies to iSCSI initiators only.	password	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

Modify VNXe iSCSI Interface

Summary

Modify iSCSI interface attributes

Description

This task is to modify selected iSCSI interface properties like IP address, subnet mask, etc information.

Inputs

Input	Description	Mappable To Type	Mandatory
iSCSI Interface	Choose an iSCSI interface to be modified	EMCVNXEISCSIIInterface Identity	Y
IP Address	Enter the IP address of the iSCSI interface	gen_text_input	Y
Subnet Mask	Enter an IPV4 net mask for the network interface, if the interface uses an IPV4 address.	gen_text_input	
IPV6 Prefix Length	Enter an IPV6 prefix length for the iSCSI interface, if the interface uses an IPV6 address.	gen_text_input	
Gateway	Enter the gateway of the iSCSI portal	gen_text_input	
VLAN ID	Enter an ethernet virtual LAN identifier used for tagging. Allowed values are from 1 to 4095.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ISCSI_INTERFACE_IDENTITY	EMC VNXe iSCSI Interface Identity	EMCVNXEISCSIIInterface Identity

Modify VNXe LUN

Summary

Modify attributes of the selected LUN

Description

This task will help modifying LUN attributes like name, size, etc information

Inputs

Input	Description	Mappable To Type	Mandatory
LUN Identity	Choose an EMC VNXe LUN to be modified	EMCVNXELUNIdentity	Y
Size	Enter a new size for the LUN	gen_text_input	
Capacity Units	Choose the capacity units	EMCSizeUnit	
Description	Enter a description	gen_text_input	
Default Node	Choose a storage processor that owns the LUN	EMCVNXENodeSelector	
Tiering Policy	Choose a tiering policy	EMCVNXETieringPolicy Selector	
Thin	Check to enable thin provisioning for the LUN	Boolean	
LUN Access Hosts	Choose one or more hosts with access to the LUN	EMCVNXEMultiHost IdentityForLUNs	
Snapshot Access Hosts	Choose one or more hosts with access to snapshots of the LUN	EMCVNXEMultiHost IdentityForLUNs	
LUN and Snapshot Access Hosts	Choose one or more hosts with access to both the LUN and its snapshots	EMCVNXEMultiHost IdentityForLUNs	

Outputs

Output	Description	Type
OUTPUT EMC VNXE LUN IDENTITY	EMC VNXe LUN Identity	EMCVNXELUNIdentity
OUTPUT EMC VNXE MULTI-HOST IDENTITY	EMC VNXe Multi-Host Identity	EMCVNXEMultiHost Identity

Modify VNXe NAS Server

Summary

Modify EMC VNXe NAS Server

Description

This task is to modify selected NAS Server Name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select NAS Server	Choose a NAS server to be modified	EMCVNXENASSever Identity	Y
Enter the Name	Enter a new name for the NAS server	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_NAS_SERVER_IDENTITY	EMC VNXe NAS Server Identity	EMCVNXENASSever Identity

Modify VNXe NFS Share

Summary

Modify selected NFS share

Description

This task will help modifying NFS share attributes

Inputs

Input	Description	Mappable To Type	Mandatory
NFS Share	Choose an EMC VNXe NFS share to modify	EMCVNXENFSShareIdentity	Y
Description	Enter a description	gen_text_input	
Default Access	Choose a default access type	EMCVNXENFSShareDefaultAccessSelector	
No Access Hosts	Choose one or more hosts with no access to the NFS share	EMCVNXEMultiHostIdentity	
Read Only Hosts	Choose one or more hosts with read-only access to the NFS share	EMCVNXEMultiHostIdentity	
Read Write Hosts	Choose one or more hosts with read-write access to the NFS share	EMCVNXEMultiHostIdentity	
Root Access Hosts	Choose one or more hosts with root access to the NFS share	EMCVNXEMultiHostIdentity	

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_NFS_SHARE_IDENTITY	EMC VNXe NFS Share Identity	EMCVNXENFSShareIdentity

Modify VNXe Route

Summary

Modify EMC VNXe Route

Description

This task is to modify route specifications and its type.

Inputs

Input	Description	Mappable To Type	Mandatory
Route	Choose the route to be modified	EMCVNXERouteIdentity	Y
IP Interface	Choose an interface to connect to	gen_text_input	Y
Type	Choose the type of route to be modified	EMCVNXERouteType Selector	Y
Destination	Enter the destination to be modified	gen_text_input	Y
Gateway	Enter the gateway address if it is default route.	gen_text_input	
Net Mask	Enter the netmask.	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_ROUTE_IDENTITY	EMC VNXe Route Identity	EMCVNXERouteIdentity

Register VNXe Host Initiator

Summary

Register selected initiator to host

Description

This will register selected initiator to host

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be registered with the host	EMCVNXEHostInitiator Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMV_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

Register VNXe iSCSI storage with Hostnode

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an EMC VNXe account	EMCVNXEAccountIdentity	Y
iSCSI Interface	Choose an iSCSI interface to be registered	EMCVNXEISCSIInterfaceIdentity	Y
Initiator Name	Choose a host node adapter for iSCSI storage registration	vmwareHostStorageAdapterIdentity	Y

Outputs

No Outputs

Unregister VNXe Host Initiator

Summary

Unregister selected initiator from host

Description

Unregister selected host from initiator

Inputs

Input	Description	Mappable To Type	Mandatory
Host Initiator Identity	Choose a host initiator to be unregistered from the host	EMCVNXEHostInitiator Identity	Y

Outputs

Output	Description	Type
OUTPUT_EMC_VNXE_HOST_IDENTITY	EMC VNXe Host Identity	EMCVNXEHostIdentity
OUTPUT_EMC_VNXE_HOST_INITIATOR_IDENTITY	EMC VNXe Host Initiator Identity	EMCVNXEHostInitiator Identity

VNXe Storage Pool Start Relocation

Summary

Start data relocation on selected storage pool

Description

This will start data relocation on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool on which FAST VP data relocation is to be started	EMCVNXEStoragePoolIdentity	Y
Data Relocation Rate	Choose the rate of data relocation	EMCVNXEFASTVPDataRelocationRateSelector	

Outputs

Output	Description	Type
OUTPUT_EMV_VNXE_STORAGE_POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePoolIdentity

VNXe Storage Pool Stop Relocation

Summary

Stop data relocation on selected storage pool

Description

This task will stop data relocation operation on selected storage pool

Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool Identity	Choose a storage pool on which FAST VP data relocation is to be stopped	EMCVNXEStoragePool Identity	Y

Outputs

Output	Description	Type
OUTPUT EMC VNXE STORAGE POOL_IDENTITY	EMC VNXe Storage Pool Identity	EMCVNXEStoragePool Identity

