



HyperV Host Tasks

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Bring Hyper-V Disk Online and Formatting

Summary

Bring raw disks online attached to a host by formatting and creating partitions.

Description

This task assigns the CD/DVD drive to the Z: drive and performs the following actions to the attached LUN's raw disks (from an external iSCSI-based storage), based on zero partition disk types:

1. Creates the primary partition.
2. Formats the drive to NTFS.
3. Assigns the drive to the next available drive letter.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to unregister	hypervMultiHost	Y
User Name	Enter User Name for the selected host.	gen_text_input	Y
Password	Enter Password for the selected host.	password	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_USER_NAME	Username	gen_text_input
OUTPUT_HOST_VOLUME	Host volume	gen_text_input

Create Hyper-V VM Placement Path

Summary

Add a VM placement path on a host.

Description

This task creates a VM placement path on a HyperV host. The input is a HyperV host disk ID. This ID includes an account name, host name, and drive name.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Drive	Select drive to add as VM placement	gen_text_input	Y
Path Name	Specify Path Name	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_STORE_PATH	VM store path	gen_text_input

Get UCS Service Profile vNICs associated to Hyper-v Hosts

Summary

Description

Inputs

Input	Description	Mappable To Type	Mandatory
Host Selection Scope	Choose the UCSM service profile template to disassociate	gen_text_input	Y
Hyper-v Cluster	Choose Hyper-v Cluster	hypervClusterIdentity	Y
Hyper-V Hosts	Choose one or more Hyper-V Hosts	hypervMultiHost	Y

Outputs

Output	Description	Type
UCS_MULTI_SERVICE_PROFILE_IDENTITY	UCS Multi Service Profile Identity	ucsMultiServiceProfileIdentity
SERVICE_PROFILE_MULTI_VNIC_IDENTITY	UCS Service Profile Multi vNIC Identity	ucsServiceProfileMultiVNICIdentity
UCS_ACCOUNT_IDENTITY	UCS Account Identity	ucsAccountIdentity

Manage Hyper-V Host Power Actions

Summary

Perform Hyperv power actions.

Description

This task performs power actions on a host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Power Action	Select the power action to be executed	gen_text_input	Y
Select Maintenance Mode Action	Select the action to perform when starting maintenance mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Mount Hyper-V iSCSI LUN

Summary

Add an external iSCSI-based storage IP to a software Microsoft iSCSI initiator.

Description

This task starts the Microsoft iSCSI service on a host and adds a persistent IP connection to an external iSCSI-based storage target device, then rescans the disks.

Inputs

Input	Description	Mappable To Type	Mandatory
vFiler Name	Select vFiler Name	netAppAllVFileIdentity	Y
iSCSI Enable IP Address	Select a IP Address.	gen_text_input	Y
Select Host	Select host to unregister	vmwareHostMultiSelect	Y
User Name	Enter User Name for the selected host.	gen_text_input	Y
Password	Enter Password for the selecte host.	password	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_USER_NAME	Username	gen_text_input

Move Hyper-V Host to Host Group

Summary

Move a host to a host group.

Description

This task moves a host to a host group. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Select Host Group	Select the host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_GROUP_IDENTITY	Host Group Identity	hypervHostGroupIdentity

Refresh Hyper-V Host/Cluster

Summary

Refresh a host or cluster.

Description

This task refreshes a host or cluster. Inventory of the selected Host or Cluster is also performed. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Host/Cluster	Host/Cluster	gen_text_input	Y
Select Host	Select the host to perform the action	hypervHost	Y
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Register Host with Hyper-V SCVMM

Summary

Register a host with SCVMM.

Description

This task registers a host with SCVMM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host Group	Select host group	hypervHostGroupIdentity	Y
Register PXE Host	Select this option to register PXE Host to the cloud		
PXEBoot Request ID	The PXEBoot Request ID of the Host that is to be registered with the cloud.	gen_text_input	Y
Host Name	Enter HostName.	gen_text_input	Y
User Name	Enter User Name.	gen_text_input	Y
Password	Enter Password.	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost

Remove Hyper-V VM Placement Path

Summary

Remove a VM placement path.

Description

This task removes a VM placement path on a host.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host	hypervHost	Y
Select Placement Path	Select Placement Path	gen_text_input	Y

Outputs

No Outputs

Run Hyper-V Script Command

Summary

Run a script command on a Hyper-V host.

Description

This task runs script commands remotely on a Hyper-V host. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select the host to perform the action	hypervHost	Y
Executable Program	Specify the Executable Program	gen_text_input	Y
Parameters	Specify the parameters	gen_text_input	
Select Script Resource Package	Select the Script Resource Package to perform the operation	hypervCustomResource Identity	
Select Run As Account	Select the Run As Account to perform the operation	hypervRunAsAccount Identity	
Timeout(Seconds)	Specify the timeout in seconds		Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_CUSTOM_RESOURCE_IDENTITY	Custom Resource Identity	gen_text_input

Unregister Host from Hyper-V SCVMM

Summary

Unregister a host from SCVMM.

Description

This task unregisters a host from SCVMM.

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select host to unregister	hypervHost	Y
User Name	Enter User Name.	gen_text_input	Y
Password	Enter Password.	gen_text_input	Y

Outputs

No Outputs

Validate Hyper-V Cluster

Summary

Validate a cluster.

Description

This task validates a cluster. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Cluster	Select the cluster to perform the action	hypervClusterIdentity	Y

Outputs

Output	Description	Type
OUTPUT_CLUSTER_IDENTITY	Cluster Identity	hypervClusterIdentity

