



SCVMM 2012 SP1 Network Tasks

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Add Hyper-V Logical Network to Host Adapter

Summary

Add logical networks and VM subnets to a host network adapter.

Description

This task adds logical networks and VM subnets to host network adapter. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select Host	hypervHost	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapterIdentity	Y
Select Logical Network	Select Logical Network	hypervLogicalNetworkIdentity	Y
Select Ip Subnet	Select Ip Subnet	hypervIpSubnetFromSiteIdentity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_ADAPTER_IDENTITY	Host Network Adapter Identity	hypervHostAdapterIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Add Hyper-V Logical Switch to Host

Summary

Add a logical switch to a host.

Description

This task adds a logical switch to a host. NIC teaming is not supported. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Host	Select Host	hypervHost	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapterIdentity	Y
Select Logical Network	Select Logical Network	hypervLogicalNetworkIdentity	
Select Ip Subnet	Select Ip Subnet	hypervIpSubnetFromSiteIdentity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_HOST_ADAPTER_IDENTITY	Host Network Adapter Identity	hypervHostAdapterIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Add Hyper-V Network Service

Summary

Add a network service.

Description

This task adds a network service to VMM. This task is supported for the following version of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Account	Select Hyper V Account	hypervAccountIdentity	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Configuration Provider	Select Configuration Provider	hypervConfigurationProviderIdentity	Y
Run As Account	Select Run As Account	hypervRunAsAccountIdentity	Y
Connection String	Enter Connection String	gen_text_input	Y
Host Group	Select host group	hypervHostGroupIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Add Hyper-V Virtual Network Adapter To Host Logical Switch

Summary

Add a virtual network adapter to a host logical switch.

Description

This task adds a virtual network adapter to a logical switch. 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 Logical Switch	Select the logical switch to perform the action	hypervLogicalSwitchIdentity	Y
Virtual Network Adapter Name	Enter Virtual Network Adapter Name	gen_text_input	Y
VM Network	Select VM network	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnet Identity	Y
Port Classification	Select port classification	hypervPortClassification Identity	

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Add Hyper-V Virtual Port To Logical Switch

Summary

Add a virtual port to a logical switch.

Description

This task classifies a virtual port and assigns one port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitchIdentity	Y
Port Classification	Select a port Classification	hypervPortClassificationIdentity	Y
Include Virtual Network Adapter Port Profile	Choose this options to include virtual network adapter port profile	gen_text_input	
Native Virtual Network Adapter Port Profile	Select a native virtual network adapter port profile	hypervVnaPortProfileIdentity	Y
Virtual Network Adapter Extension Port Profile	Select Virtual Network Adapter Extension Port Profile	hypervVnaExtensionPortProfileIdentity	

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE_SET	Virtual network adapter port profile set Identity	hypervVnaPortProfileSetIdentity

Add IPSubnet VLAN To Hyper-V Logical Network Definition

Summary

Add an IP subnet to a site.

Description

This task adds an IP Subnet to an existing logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network Definition	Select a logical network definition	hypervLogicalNetworkDef Identity	Y
VLAN ID	VLAN ID	vlanID	Y
IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Secondary VLAN ID	VLAN ID	vlanID	

Outputs

Output	Description	Type
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSite Identity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Add Uplink Port Profile To Hyper-V Logical Switch

Summary

Add an uplink port profile to a logical switch.

Description

This task adds an uplink port profiles to a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitchIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSet Identity

Create Hyper-V IP Pool

Summary

Create an IP pool.

Description

This task creates an IP pool by selecting a subnet under a logical network definition (site). A subnet can have multiple non-overlapping IP pools. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool Name	IP Pool Name	gen_text_input	Y
Logical Network	Select logical network	hypervLogicalNetworkIdentity	Y
Select Logical Network Definition	Select a logical network definition.	hypervLogicalNetworkDefIdentity	Y
Select Subnet	Select a subnet.	hypervIpSubnetFromSiteIdentity	Y
Start IP Address	Start IP Address	gen_text_input	Y
End IP Address	End IP Address	gen_text_input	Y
IP Addresses reserved for Load Balancer VIPs	Use commas to separate multiple IP addresses. Ranges in the format IP1-IP2 are allowed.	gen_text_input	
IP Addresses reserved for other uses	Use commas to separate multiple IP addresses. Ranges in the format IP1-IP2 are allowed.	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	gen_text_input	
Automatic Gateway Metric	Choose this options to set gateway metric to automatic	gen_text_input	
Gateway Metric	Enter gateway metric in the range 1 - 9999	gen_text_input	Y
DNS Server IP Address	Enter DNS Server IP Address	gen_text_input	
DNS Suffix	Enter DNS Suffix	gen_text_input	
WINS Server IP Address	Enter WINS Server IP Address	gen_text_input	
Enable NetBIOS over TCP/IP	Choose this options to allow Net BIOS over TCP/IP	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity
OUTPUT_IP_SUBNET_DENTITY	IP Subnet Identity	hypervIpSubnetFromSite Identity
OUTPUT_LOGICAL_NETWORK_ DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_POLICY_IPPOOL_ IDENTITY	Output Policy Ip Pool Identity	gen_text_input

Create Hyper-V Logical Network

Summary

Create a logical network.

Description

This task creates a logical network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccount Identity	Y
Name	Enter logical network name	gen_text_input	Y
Description	Description for the logical network	gen_text_input	
Network Sites are equivalent and routable and can be used as single connected network	The network sites within this network are equivalent and routable and can be used as a single connected network	gen_text_input	
Allow Network Virtualization	Allow new VM Networks created on this logical network to use network virtualization	gen_text_input	
Create VM Network with same name to allow VMs to access this logical network directly	Allow new VM Networks created on this logical network to use network virtualization	gen_text_input	
Subnet-VLAN pairs defined by sites are used as independent networks	The Subnet-VLAN pairs defined by the sites are used as independent networks	gen_text_input	
Network Sites contain Primary and Secondary VLAN pairs in isolated mode	The network sites within this logical network contain independent networks consisting of primary and secondary VLAN pairs in isolated mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Create Hyper-V Logical Network Definition

Summary

Create a logical network definition (site).

Description

This task creates a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network	Select a logical network to delete	hypervLogicalNetworkIdentity	Y
Name	Enter logical network definition (site) name	gen_text_input	
Host Groups	Select host groups	hypervHostGroupIdentity	Y
VLAN ID	VLAN ID	vlanID	Y
IP Subnet	Enter IP Subnet (Example: 192.168.1.0/24)	gen_text_input	Y
Secondary VLAN ID	VLAN ID	vlanID	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDefIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Create Hyper-V Logical Switch

Summary

Create a logical switch.

Description

This task creates a logical switch. You can select an uplink port profile and uplink mode. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter logical switch name	gen_text_input	Y
Description	Description for the logical switch	gen_text_input	
Enable single root I/O virtualization (SR-IOV)	Choose this options to enable single root I/O virtualization	gen_text_input	
Extensions	Select the virtual switch extensions	hypervVirtualSwitchExtensionIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	
Uplink Mode	Specify an uplink mode	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSetIdentity

Create Hyper-V Native Uplink Port Profile

Summary

Create a native uplink port profile.

Description

This task creates a native uplink port profile. You can select a load balancing algorithm, teaming mode, network site, and network virtualization. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port profile name	gen_text_input	Y
Description	Description	gen_text_input	
Load Balancing Algorithm	Specify a load balancing algorithm	gen_text_input	
Teaming Mode	Specify a teaming mode	gen_text_input	
Network Sites	Select a network site	hypervLogicalNetworkDef Identity	
Enable Windows Network Virtualization	Choose this options if Windows Network Virtualization need to be enabled	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_NATIVE_UPLINK_PORT_PROFILE	Native uplink port profile Identity	hypervUpLinkPortProfile Identity

Create Hyper-V Port Classification

Summary

Create a port classification.

Description

This task creates a port classification. Port classifications provide global names for identifying different types of virtual network adapter port profiles. A port classification can be used across multiple logical switches while the settings for the port classification remain specific to each logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port classification name	gen_text_input	Y
Description	Description	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_PORT_CLASSIFICATION_IDENTITY	Port Classification IDentity	hypervPortClassification Identity

Create Hyper-V Standard Switch

Summary

Create a standard switch on a Hyper V host.

Description

This task creates a standard switch on a Hyper-V host. This creates a virtual network with the same name. The following switch types are supported:

- External
- Internal
- Private

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
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Type	Specify the switch type	gen_text_input	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapter Identity	Y
Allow Management OS to share the adapter	Select this option to allow management OS to access the adapter	gen_text_input	
Configure host access VLAN	Select this option to configure host access VLAN	gen_text_input	
VLAN ID	VLAN ID	vlanID	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Create Hyper-V VM Network

Summary

Create a VM network.

Description

This task creates a VM network by selecting a site and subnet. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network Name	Name of the VM Network	gen_text_input	Y
Description	Description	gen_text_input	
Logical Network	Select logical network	hypervLogicalNetworkIdentity	Y
Select Logical Network Definition	Select a logical network definition.	hypervLogicalNetworkDef Identity	
Select Subnet	Select a subnet.	hypervIpSubnetFromSite Identity	
Isolation Options	Select the Isolation Options	gen_text_input	
External VM Network	Select External VM Network	hypervExternalVMNetwork Identity	
Subnet Name	Enter Subnet Name	gen_text_input	
Subnet	Enter Subnet	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSite Identity
OUTPUT_POLICY_NETWORK_IDENTITY	Output Policy VM Network Identity	gen_text_input
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnet Identity

Create Hyper-V VM Subnet On VM Network

Summary

Create a VM subnet on a VM network.

Description

This task creates a VM subnet from a VM network. It is only applicable to VM networks that use Windows Network Virtualization. Only VM networks managed by VMM can be used in this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y
Subnet Name	Enter Subnet Name	gen_text_input	Y
Subnet	Enter Subnet	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnet Identity

Create Hyper-V Virtual Network Adapter Port Profile

Summary

Create a virtual network adapter port profile.

Description

This task creates a virtual network adapter port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter port profile name	gen_text_input	Y
Description	Description	gen_text_input	
Enable virtual machine queue	Enables virtual machine queue	gen_text_input	
Enable IPsec task offloading	Enables IPsec task offloading	gen_text_input	
Enable Single-root I/O virtualization	Enables Single-root I/O virtualization		
Allow MAC spoofing	Allows MAC spoofing	gen_text_input	
Enable DHCP Guard	Enables DHCP Guard	gen_text_input	
Allow router guard	Allows router guard	gen_text_input	
Allow guest teaming	Allow guest teaming	gen_text_input	
Allow IEEE priority tagging	Allow IEEE priority tagging	gen_text_input	
Allow guest specified IP addresses	Allow guest specified IP addresses	gen_text_input	
Minimum bandwidth (Mbps)	Minimum bandwidth (Mbps)	gen_text_input	Y
Maximum bandwidth (Mbps)	Maximum bandwidth (Mbps)	gen_text_input	Y
Minimum bandwidth weight	Minimum bandwidth weight	gen_text_input	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE	Name of virtual network adapter port profile Identity	hypervVnaPortProfile Identity

Create IP Pool On Hyper-V VM Network

Summary

Create an IP pool on a VM network.

Description

This task creates an IP pool on a VM network. It is only applicable to VM Networks that use Windows Network Virtualization. Only VM Networks managed by VMM can be used in this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool Name	Select IP Pool Name	gen_text_input	Y
VM Network	Select VM Network	hypervVMNetworkIdentity	Y
Select VM Subnet	Select VM Subnet	hypervVMNetworkSubnetIdentity	Y
Start IP Address	Start IP Address	gen_text_input	Y
End IP Address	End IP Address	gen_text_input	Y
IP Addresses reserved for other uses	Use commas to separate multiple IP addresses. Ranges in the format IP1-IP2 are allowed.	gen_text_input	
Gateway IP Address	Enter Gateway IP Address	gen_text_input	
Automatic Gateway Metric	Choose this options to set gateway metric to automatic	gen_text_input	
Gateway Metric	Enter gateway metric in the range 1 - 9999	gen_text_input	Y
DNS Server IP Address	Enter DNS Server IP Address	gen_text_input	
DNS Suffix	Enter DNS Suffix	gen_text_input	
WINS Server IP Address	Enter WINS Server IP Address	gen_text_input	
Enable NetBIOS over TCP/IP	Choose this options to allow Net BIOS over TCP/IP	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Output	Description	Type
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnetIdentity

Delete Hyper-V IPSubnet VLAN From Logical Network Definition

Summary

Delete an IP subnet from a site.

Description

This task deletes an IP subnet from a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Subnet	Select a IP subnet to delete	hypervIpSubnetFromSiteIdentity	Y

Outputs

Output	Description	Type
OUTPUT_IP_SUBNET_IDENTITY	IP Subnet Identity	hypervIpSubnetFromSiteIdentity

Delete Hyper-V Logical Network

Summary

Delete a logical network.

Description

This task deletes a logical network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network	Select a logical network to delete	hypervLogicalNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK	Logical Network Identity	hypervLogicalNetworkIdentity

Delete Hyper-V Logical Network Definition

Summary

Delete a logical network definition (site).

Description

This task deletes a logical network definition (site). This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Network Definition	Select a logical network definition to delete	hypervLogicalNetworkDef Identity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY	Logical Network Definition (Site) Identity	hypervLogicalNetworkDef Identity

Delete Hyper-V Logical Switch

Summary

Delete a logical switch.

Description

This task deletes a logical switch.

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch to delete	hypervLogicalSwitchIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity

Delete Hyper-V Native Uplink Port Profile

Summary

Delete a native uplink port profile.

Description

This task deletes a native uplink port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Profile	Select native uplink port profile to delete	hypervUplinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NATIVE_UPLINK_PORT_PROFILE	Native uplink port profile Identity	hypervUplinkPortProfileIdentity

Delete Hyper-V Port Classification

Summary

Delete a port classification.

Description

This task deletes a port classification. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Classification	Select port classification to delete	hypervPortClassificationIdentity	Y

Outputs

Output	Description	Type
OUTPUT_PORT_CLASSIFICATION_IDENTITY	Port Classification Identity	hypervPortClassificationIdentity

Delete Hyper-V Standard Switch

Summary

Delete a standard switch from a Hyper-V Host.

Description

This task deletes a standard switch from 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
Select Standard Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Delete Hyper-V VM Network

Summary

Delete a VM network.

Description

This task deletes a VM network. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Delete Hyper-V Virtual Network Adapter Port Profile

Summary

Delete a virtual network adapter port profile.

Description

This task deletes a virtual network adapter port profile. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Port Profile	Select virtual network adapter port profile to delete	hypervVnaPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE	Name of virtual network adapter port profile Identity	hypervVnaPortProfile Identity

Edit Hyper-V Standard Switch

Summary

Edit a standard switch on a Hyper-V host.

Description

This task edits a standard switch 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
Select Standard Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y
Name	Name	gen_text_input	Y
Description	Description	gen_text_input	
Type	Specify the switch type	gen_text_input	Y
Select Host Network Adapter	Select Host Network Adapter	hypervHostAdapter Identity	Y
Allow Management OS to share the adapter	Select this option to allow management OS to access the adapter	gen_text_input	
Configure host access VLAN	Select this option to configure host access VLAN	gen_text_input	
VLAN ID	VLAN ID	vlanID	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_STANDARD_SWITCH_IDENTITY	Virtual Switch Identity	gen_text_input

Refresh Hyper-V Network Service

Summary

Refresh a Hyper-V network service.

Description

This task refreshes a network service. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network Service	List of Network Services	hypervNetworkServiceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Remove Hyper-V IP Pool

Summary

Delete an IP Pool.

Description

This task deletes an IP pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
IP Pool	Select IP Pool to delete	hypervIpPoolIdentity	Y
Force revoke Ip Addresses	Forcibly revokes Ip Addresses from the Ip Pool before deleting it	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_IP_POOL_IDENTITY	IP pool Identity	hypervIpPoolIdentity

Remove Hyper-V Logical Network from Host Adapter

Remove Hyper-V Network Service

Summary

Remove a network service.

Description

This task removes a network service from VMM. This task is supported for the following version of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select Network Service	List of Network Services	hypervNetworkServiceIdentity	Y

Outputs

Output	Description	Type
OUTPUT_NETWORK_SERVICE_IDENTITY	Network Service Identity	gen_text_input

Remove Hyper-V Uplink Port Profile From Logical Switch

Summary

Remove uplink port profiles from a logical switch.

Description

This task removes uplink port profiles from a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Logical Switch	Select a logical switch	hypervLogicalSwitchIdentity	Y
Uplink Port Profile	Select uplink port profiles	hypervUpLinkPortProfileIdentity	Y

Outputs

Output	Description	Type
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_UPLINK_PORT_PROFILE_SET	Uplink port profile Set Identity	hypervUpLinkPortProfileSet Identity

Remove Hyper-V VM Subnet From VM Network

Summary

Remove a VM subnet From a VM network.

Description

This task removes a VM subnet from a VM network. It is only applicable to VM networks that use Windows Network Virtualization. Only VM subnets managed by VMM can be removed using this task. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
VM Network	Select VM network to delete	hypervVMNetworkIdentity	Y
Subnet	Select a Subnet	hypervVMNetworkSubnetIdentity	Y

Outputs

Output	Description	Type
OUTPUT_VMNETWORK_SUBNET_IDENTITY	VM Network Subnet Identity	hypervVMNetworkSubnetIdentity
OUTPUT_VM_NETWORK_IDENTITY	VM Network Identity	hypervVMNetworkIdentity

Remove Hyper-V Virtual Network Adapter from Host Logical Switch

Summary

Remove a virtual network adapter from a host logical switch.

Description

This task adds a virtual network adapter to a logical switch. 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 Logical Switch	Select Standard Switch to perform the action	hypervStandardSwitch Identity	Y
Select Virtual Network Adapter	Select VM Nic	hypervVMNicIdentity	Y

Outputs

Output	Description	Type
OUTPUT_HOST_IDENTITY	Host Identity	hypervHost
OUTPUT_LOGICAL_SWITCH_IDENTITY	Logical Switch Identity	hypervLogicalSwitchIdentity
OUTPUT_VM_NIC_IDENTITY	VM Nic Identity	hypervVMNicIdentity

Remove Hyper-V Virtual Port From Logical Switch

Summary

Remove a virtual port from a logical switch.

Description

This task removes a virtual port from a logical switch. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Virtual Port Profile Set	Select virtual port profile set to delete	hypervVnaPortProfileSet Identity	Y

Outputs

Output	Description	Type
OUTPUT_VNA_PORT_PROFILE_SET	Virtual network adapter port profile set Identity	hypervVnaPortProfileSet Identity

Update IP Address Reservation In Hyper-V IP Pool

Summary

Update an IP Address reservation in an IP pool.

Description

This task updates an IP address reservation in an IP pool. This task is supported for the following versions of SCVMM:

- SCVMM 2012 R2

Inputs

Input	Description	Mappable To Type	Mandatory
Select HyperV Cloud	Select name of the HyperV Cloud in this system	hypervAccountIdentity	Y
Name	Enter name of the Storage Classification	gen_text_input	Y
Description	Enter description of the Storage Classification	gen_text_input	

Outputs

Output	Description	Type
OUTPUT_STORAGE_CLASSIFICATION_NAME	Storage Classification Name	gen_text_input
OUTPUT_STORAGE_CLASSIFICATION_ID	Storage Classification Identity	hypervStorageClassificationIdentity

