



## 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   | hypervLogicalSwitch Identity           | Y         |
| Port Classification                            | Select a port Classification  | hypervPortClassification Identity      | 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                | hypervVnaPortProfile Identity          | Y         |
| Virtual Network Adapter Extension Port Profile | Select Virtual Network Adapter Extension Port Profile               | hypervVnaExtensionPort ProfileIdentity |           |

## Outputs

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

# 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       | hypervLogicalNetworkDefIdentity | 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                         | hypervIpSubnetFromSiteIdentity  |
| OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY | Logical Network Definition (Site) Identity | hypervLogicalNetworkDefIdentity |
| 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**

| <b>Output</b>                       | <b>Description</b>                         | <b>Type</b>                     |
|-------------------------------------|--|---------------------------------|
| OUTPUT_IP_POOL_IDENTITY             | IP pool Identity                           | hypervIpPoolIdentity            |
| OUTPUT_IP_SUBNET_IDENTITY           | IP Subnet Identity                         | hypervIpSubnetFromSiteIdentity  |
| OUTPUT_LOGICAL_NETWORK_DEF_IDENTITY | Logical Network Definition (Site) Identity | hypervLogicalNetworkDefIdentity |
| 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 | hypervVMNetworkSubnetIdentity |

# 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 | hypervPortClassification Identity |

# 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 | hypervVnaPortProfileIdentity |

# 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 |

