Virtual machines 📌 ···

MSR IT Services LLP

＋ Create ∨ | ⇄ Switch to classic | ⏱ Reservations ∨ | ⚙ Manage view ∨ | ⟳

Filter for any field...	Subscription equals **all**	Type equals **all**	Reso

Showing 1 to 4 of 4 records.

☐ Name ↑↓	Type ↑↓
☐ 🖥 hypnode1	Virtual machine

```
Administrator: Windows PowerShell                                          —  □  ✕

Windows PowerShell
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PS C:\Users\testadmin> Get-NetAdapter

Name           InterfaceDescription              ifIndex Status   MacAddress          LinkSpeed
----           --------------------              ------- ------   ----------          ---------
Ethernet 4     Mellanox ConnectX-4 Lx Virtual Eth...#2      9 Up      00-0D-3A-99-E4-24    50 Gbps
Ethernet 3     Microsoft Hyper-V Network Adapter #2         2 Up      00-0D-3A-99-E4-24    50 Gbps


PS C:\Users\testadmin> New-VMSwitch -Name ExternalSwitch -NetAdapterName Ethernet 3 -AllowManagementOS $True
New-VMSwitch : A positional parameter cannot be found that accepts argument '3'.
At line:1 char:1
+ New-VMSwitch -Name ExternalSwitch -NetAdapterName Ethernet 3 -AllowMa ...
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : InvalidArgument: (:) [New-VMSwitch], ParameterBindingException
    + FullyQualifiedErrorId : PositionalParameterNotFound,Microsoft.HyperV.PowerShell.Commands.NewVMSwitch

PS C:\Users\testadmin> New-VMSwitch -Name ExternalSwitch -NetAdapterName "Ethernet 3" -AllowManagementOS $True

Name           SwitchType NetAdapterInterfaceDescription
----           ---------- ------------------------------
ExternalSwitch External   Microsoft Hyper-V Network Adapter #2


PS C:\Users\testadmin> _
```
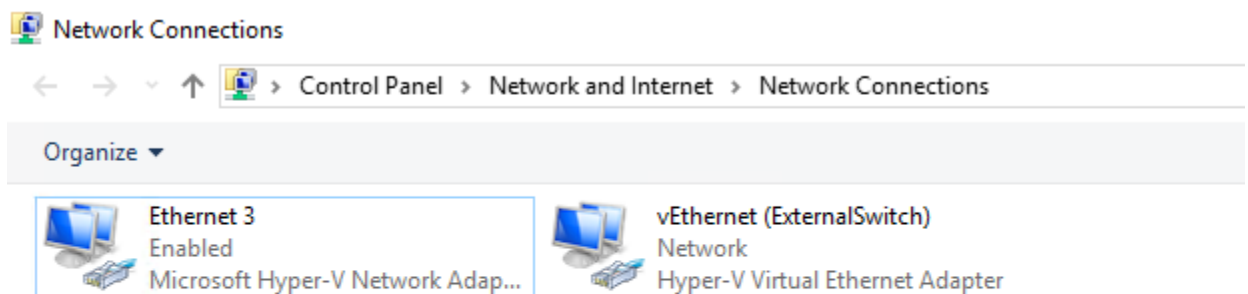
🖧 Network Connections

← → ⌄ ↑ 🖧 > Control Panel > Network and Internet > Network Connections

Organize ▼

Ethernet 3
Enabled
Microsoft Hyper-V Network Adap...

vEthernet (ExternalSwitch)
Network
Hyper-V Virtual Ethernet Adapter

Virtual Machines

Name	State	CPU Usage	Assigned Memory	Uptime	Status	Configurati...
Windows10_Test	Running	36%	12288 MB	00:15:54		9.0

Checkpoints

Windows10_Test

Settings for Windows10_Test on HYPNODE1

Windows10_Test

★ Hardware
- **Add Hardware**
- **Firmware**
  Boot from File
- **Security**
  TPM enabled
- **Memory**
  12288 MB
- ⊞ **Processor**
  3 Virtual processors
- ⊟ **SCSI Controller**
  - ⊞ **Hard Drive**
    Windows10_Test.vhdx
  - **DVD Drive**
    Win10_22H2_English_x64v2.iso
  - ⊞ **Network Adapter**
    Not connected

★ Management
- **Name**
  Windows10_Test
- **Integration Services**
  Some services offered
- **Checkpoints**
  Production
- **Smart Paging File Location**
  D:\Hyper-V Machines\Windows10_...
- **Automatic Start Action**
  Restart if previously running
- **Automatic Stop Action**
  Save

Add Hardware

You can use this setting to add devices to your virtual machine.

Select the devices you want to add and click the Add button.

SCSI Controller
Network Adapter
Fibre Channel Adapter

Add

OK   Cancel   Apply

Name	State	CPU Usage	Assigned Memory	Uptime	Status	Configuration
Windows10_Test	Running	6%	12288 MB	00:16:32		9.0

Settings for Windows10_Test on HYPNODE1 — □ ×

Windows10_Test ▾

◄ ► ↻

☆ **Hardware**
- 🖳 Add Hardware
- 🖥 Firmware
  - Boot from File
- 🛡 Security
  - TPM enabled
- ▦ Memory
  - 12288 MB
- ⊞ 🖳 Processor
  - 3 Virtual processors
- ⊟ 🖳 SCSI Controller
  - ⊞ 🖴 Hard Drive
    - Windows10_Test.vhdx
  - 💿 DVD Drive
    - Win10_22H2_English_x64v2.iso
- ⊞ 🔌 **Network Adapter**
  - **ExternalSwitch**

☆ **Management**
- 🗊 Name
  - Windows10_Test
- 🗊 Integration Services
  - Some services offered
- 📷 Checkpoints
  - Production
- 🖳 Smart Paging File Location
  - D:\Hyper-V Machines\Windows10_...
- ▶ Automatic Start Action
  - Restart if previously running
- ▶ Automatic Stop Action
  - Save

🔌 Network Adapter

Specify the configuration of the network adapter or remove the network adapter.

Virtual switch:

ExternalSwitch ▾

VLAN ID
☐ Enable virtual LAN identification

The VLAN identifier specifies the virtual LAN that this virtual machine will use for all network communications through this network adapter.

2

Bandwidth Management
☐ Enable bandwidth management

Specify how this network adapter utilizes network bandwidth. Both Minimum Bandwidth and Maximum Bandwidth are measured in Megabits per second.

Minimum bandwidth: 0   Mbps

Maximum bandwidth: 0   Mbps

ℹ To leave the minimum or maximum unrestricted, specify 0 as the value.

To remove the network adapter from this virtual machine, click Remove.

Remove

OK   Cancel   Apply