



Windows PowerShell Get-Help on Cmdlet 'Add-AzVMNetworkInterface'

PS:\>Get-HELP Add-AzVMNetworkInterface -Full

NAME

Add-AzVMNetworkInterface

SYNOPSIS

Adds a network interface to a virtual machine.

SYNTAX

Add-AzVMNetworkInterface [-VM] <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine> [-Id]

<System.String> [[-Primary]] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DeleteOption

<System.String>] [<CommonParameters>]

Add-AzVMNetworkInterface [-VM] <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine> [-NetworkInterface]

<System.Collections.Generic.List`1[Microsoft.Azure.Management.Internal.Network.Common.INetworkInterfaceReference]>

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DeleteOption

<System.String>] [<CommonParameters>]

DESCRIPTION

The Add-AzVMNetworkInterface cmdlet adds a network interface to a virtual machine. You can add an interface when you create a virtual machine or add one to an existing virtual machine.

PARAMETERS

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DeleteOption <System.String>

Specifies Network Interface delete option after VM deletion. Options are Detach, Delete

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Id <System.String>

Specifies the ID of a network interface to add to a virtual machine. You can use the Get-AzNetworkInterface (/powershell/module/az.network/get-aznetworkinterface)cmdlet to obtain a network interface.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NetworkInterface

<System.Collections.Generic.List`1[Microsoft.Azure.Management.Internal.Network.Common.INetworkInterfaceReference]>

Specifies the network interface.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Primary <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet adds the network interface as the primary interface.

Required? false

Position? 2

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VM <Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine>

Specifies a local virtual machine object to which to add a network interface. To create a virtual machine, use the New-AzVMConfig cmdlet. To obtain an existing virtual machine, use the Get-AzVM cmdlet.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine

System.String

System.Collections.Generic.List`1[[Microsoft.Azure.Management.Internal.Network.Common.INetworkInterfaceReference, Microsoft.Azure.PowerShell.Clients.Network, Version=1.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35]]

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine

NOTES

```
$VirtualMachine = New-AzVMConfig -VMName "VirtualMachine07" -VMSize "Standard_A1"
```

```
Add-AzVMNetworkInterface -VM $VirtualMachine -Id
```

```
"/subscriptions/46fc8ea4-2de6-4179-8ab1-365da4121af4/resourceGroups/contoso/providers/Microsoft.Network/networkInterfaces/sshNIC"
```

The first command creates a virtual machine object, and then stores it in the `$VirtualMachine` variable. The command assigns a name and size to the virtual machine.

The second command adds a network interface to the virtual machine stored in `$VirtualMachine`.

Example 2: Add a network interface to an existing virtual machine

```
$VirtualMachine = Get-AzVM -ResourceGroupName "ResourceGroup11" -Name "VirtualMachine07"
```

```
Add-AzVMNetworkInterface -VM $VirtualMachine -Id
```

```
"/subscriptions/46fc8ea4-2de6-4179-8ab1-365da4121af4/resourceGroups/contoso/providers/Microsoft.Network/networkInterfaces/sshNIC"
```

```
Update-AzVM -ResourceGroupName "ResourceGroup11" -VM $VirtualMachine
```

The first command gets the virtual machine named `VirtualMachine07` by using the `Get-AzVM` cmdlet. The command stores the virtual machine in the `$VirtualMachine`

variable. The second command adds a network interface to the virtual machine stored in `$VirtualMachine`. The final command updates the state of the virtual machine

stored in `$VirtualMachine` in `ResourceGroup11`.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/add-azvmnetworkinterface>

[New-AzVMConfig](#)

[Get-AzVM](#)

