



Windows PowerShell Get-Help on Cmdlet 'Set-AzVirtualNetwork'

PS:\>Get-HELP Set-AzVirtualNetwork -Full

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Set-AzVirtualNetwork

SYNOPSIS

Updates a virtual network.

SYNTAX

Set-AzVirtualNetwork [-AsJob] [-DefaultProfile

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

<Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork> [<CommonParameters>]

DESCRIPTION

The Set-AzVirtualNetwork cmdlet updates a virtual network.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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

-VirtualNetwork <Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork>

Specifies a virtual network object representing the state to which the virtual network should be set.

Required? true

Position? named

Default value None

Accept pipeline input? True (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.Network.Models.PSVirtualNetwork

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork

NOTES

- 1: Creates a virtual network and removes one of its subnets -

New-AzResourceGroup -Name TestResourceGroup -Location centralus ## Create resource group

\$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "10.0.1.0/24" ## Create
frontend subnet

\$backendSubnet = New-AzVirtualNetworkSubnetConfig -Name backendSubnet -AddressPrefix "10.0.2.0/24" ## Create
backend subnet

\$virtualNetwork = New-AzVirtualNetwork -Name MyVirtualNetwork -ResourceGroupName TestResourceGroup `

-Location centralus -AddressPrefix "10.0.0.0/16" -Subnet \$frontendSubnet,\$backendSubnet ## Create virtual network

Remove-AzVirtualNetworkSubnetConfig -Name backendSubnet -VirtualNetwork \$virtualNetwork ## Remove subnet from
in memory representation of virtual network

\$virtualNetwork | Set-AzVirtualNetwork ## Remove subnet from virtual network

This example creates a virtual network called TestResourceGroup with two subnets: frontendSubnet and backendSubnet. Then it removes backendSubnet subnet from the in-memory representation of the virtual network. The Set-AzVirtualNetwork cmdlet is then used to write the modified virtual network state on the service side. When the Set-AzVirtualNetwork cmdlet is executed, the backendSubnet is removed.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/set-azvirtualnetwork>

Get-AzVirtualNetwork

Get-AzVirtualNetwork

New-AzVirtualNetwork

Remove-AzVirtualNetwork