



Windows PowerShell Get-Help on Cmdlet 'New-AzVpnSite'

PS: \>Get-HELP New-AzVpnSite -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

New-AzVpnSite

SYNOPSIS

Creates a new Azure VpnSite resource. This is an RM representation of customer branches that are uploaded to Azure for S2S connectivity with a Cortex virtual hub.

SYNTAX

```
New-AzVpnSite [-AddressSpace <System.String[]>] [-AsJob] [-BgpAsn <System.UInt32>] [-BgpPeeringAddress
<System.String>] [-BgpPeeringWeight <System.UInt32>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DeviceModel <System.String>] [-DeviceVendor
<System.String>] -IpAddress <System.String> [-IsSecuritySite] [-LinkSpeedInMbps <System.UInt32>] -Location
<System.String> -Name <System.String> [-O365Policy
<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String>
```

<System.Collections.Hashtable>] -VirtualWanName

<System.String> -VirtualWanResourceGroupName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzVpnSite [-AddressSpace <System.String[]>] [-AsJob] [-BgpAsn <System.UInt32>] [-BgpPeeringAddress
<System.String>] [-BgpPeeringWeight <System.UInt32>]

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DeviceModel <System.String>] [-DeviceVendor

<System.String>] -IpAddress <System.String> [-IsSecuritySite] [-LinkSpeedInMbps <System.UInt32>] -Location
<System.String> -Name <System.String> [-O365Policy

<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] -VirtualWan

<Microsoft.Azure.Commands.Network.Models.PSVirtualWan> [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzVpnSite [-AddressSpace <System.String[]>] [-AsJob] [-BgpAsn <System.UInt32>] [-BgpPeeringAddress
<System.String>] [-BgpPeeringWeight <System.UInt32>]

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DeviceModel <System.String>] [-DeviceVendor

<System.String>] -IpAddress <System.String> [-IsSecuritySite] [-LinkSpeedInMbps <System.UInt32>] -Location
<System.String> -Name <System.String> [-O365Policy

<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] -VirtualWanId

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzVpnSite [-AddressSpace <System.String[]>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-DeviceModel <System.String>] [-DeviceVendor <System.String>] [-IsSecuritySite] -Location <System.String> -Name
<System.String> [-O365Policy

<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] -VirtualWan

<Microsoft.Azure.Commands.Network.Models.PSVirtualWan> -VpnSiteLink
<Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]> [-Confirm] [-WhatIf] [<CommonParameters>]

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-DeviceModel <System.String>] [-DeviceVendor <System.String>] [-IsSecuritySite] -Location <System.String> -Name
<System.String> [-O365Policy
    <Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] -VirtualWanId
    <System.String> -VpnSiteLink <Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzVpnSite [-AddressSpace <System.String[]>] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-DeviceModel <System.String>] [-DeviceVendor <System.String>] [-IsSecuritySite] -Location <System.String> -Name
<System.String> [-O365Policy
    <Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] -VirtualWanName
    <System.String> -VirtualWanResourceGroupName <System.String> -VpnSiteLink
<Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

Creates a new Azure VpnSite resource. This is an RM representation of customer branches that are uploaded to Azure for S2S connectivity with a Cortex virtual hub.

PARAMETERS

-AddressSpace <System.String[]>

The address prefixes of the virtual network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-BgpAsn <System.UInt32>

The BGP ASN for this VpnSite.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BgpPeeringAddress <System.String>

The BGP Peering Address for this VpnSite.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BgpPeeringWeight <System.UInt32>

The BGP Peering weight for this VpnSite.

Required? false

Position? named

Default value None
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

-DeviceModel <System.String>

The device model of the remote vpn device.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-DeviceVendor <System.String>

The device vendor of the remote vpn device.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-IpAddress <System.String>

The IPAddress for this VpnSite.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-IsSecuritySite <System.Management.Automation.SwitchParameter>

if vpn site is a security site.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-LinkSpeedInMbps <System.UInt32>

The device model of the remote vpn device.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Location <System.String>

The resource location.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Name <System.String>

The resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-O365Policy <Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>

The office 365 traffic breakout policy for this VpnSite.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

A hashtable which represents resource tags.

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VirtualWan <Microsoft.Azure.Commands.Network.Models.PSVirtualWan>

The VirtualWan this VpnSite needs to be connected to.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VirtualWanId <System.String>

The ResourceId VirtualWan this VpnSite needs to be connected to.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VirtualWanName <System.String>

The name of the VirtualWan this VpnSite needs to be connected to.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VirtualWanResourceGroupName <System.String>

The resource group name of the VirtualWan this VpnSite needs to be connected to.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-VpnSiteLink <Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]>

The list of VpnSiteLinks that this VpnSite have.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
Accept pipeline input? False
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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnSite

NOTES

----- Example 1 -----

```
New-AzResourceGroup -Location "East US" -Name "nonlinkSite"
```

```
$virtualWan = New-AzVirtualWan -ResourceGroupName "nonlinkSite" -Name myVirtualWAN -Location "East US"
```

```
$vpnSiteAddressSpaces = New-Object string[] 2
```

```
$vpnSiteAddressSpaces[0] = "192.168.2.0/24"
```

```
$vpnSiteAddressSpaces[1] = "192.168.3.0/24"
```

```
New-AzVpnSite -ResourceGroupName "nonlinkSite" -Name "testVpnSite" -Location "East US" -VirtualWan $virtualWan  
-IpAddress "1.2.3.4" -AddressSpace
```

```
$vpnSiteAddressSpaces -DeviceModel "SomeDevice" -DeviceVendor "SomeDeviceVendor" -LinkSpeedInMbps "10"
```

```
ResourceGroupName : nonlinkSite
```

```
Name              : testVpnSite
```

```
Id                                                         :
```

```
/subscriptions/{subscriptionId}/resourceGroups/nonlinkSite/providers/Microsoft.Network/vpnSites/testVpnSite
```

```
Location          : eastus2euap
```

```
IpAddress         : 1.2.3.4
```

```
VirtualWan                                               :
```

```
/subscriptions/{subscriptionId}/resourceGroups/nonlinkSite/providers/Microsoft.Network/virtualWans/myVirtualWAN
```

```
AddressSpace      : {192.168.2.0/24, 192.168.3.0/24}
```

```
BgpSettings       :
```

```
Type             : Microsoft.Network/vpnSites
```

```
ProvisioningState : Succeeded
```

The above will create a resource group, Virtual WAN in East US in "nonlinkSite" resource group in Azure.

Then it creates a VpnSite to represent a customer branch and links it to the Virtual WAN.

An IPSec connection can then be setup with this branch and a VpnGateway using the New-AzVpnConnection command.

----- Example 2 -----

```
New-AzResourceGroup -Location "East US" -Name "multilink"
```

```
$virtualWan = New-AzVirtualWan -ResourceGroupName multilink -Name myVirtualWAN -Location "East US"
```

```
$vpnSiteAddressSpaces = New-Object string[] 2
```

```
$vpnSiteAddressSpaces[0] = "192.168.2.0/24"
```

```
$vpnSiteAddressSpaces[1] = "192.168.3.0/24"
```

```
$vpnSiteLink = New-AzVpnSiteLink -Name "testVpnSiteLink1" -IpAddress "15.25.35.45" -LinkProviderName  
"SomeTelecomProvider" -LinkSpeedInMbps "10"
```

```
$vpnSiteLink2 = New-AzVpnSiteLink -Name "testVpnSiteLink2" -IpAddress "15.25.35.55" -LinkProviderName
```

```
"SomeTelecomProvider2" -LinkSpeedInMbps "100"
```

```
$vpnSite = New-AzVpnSite -ResourceGroupName "multilink" -Name "testVpnSite" -Location "East US" -VirtualWan  
$virtualWan -AddressSpace $vpnSiteAddressSpaces  
-DeviceModel "SomeDevice" -DeviceVendor "SomeDeviceVendor" -VpnSiteLink @($vpnSiteLink1, $vpnSiteLink2)
```

The above will create a resource group, Virtual WAN and a VpnSite with 1 VpnSiteLinks in East US in "multilink" resource group in Azure.

----- Example 3 -----

```
New-AzVpnSite -AddressSpace <String[]> -DeviceModel 'SomeDevice' -DeviceVendor 'SomeDeviceVendor' -IpAddress  
'1.2.3.4' -LinkSpeedInMbps '10' -Location 'East US' -Name  
'testVpnSite' -ResourceGroupName 'multilink' -VirtualWanName <String> -VirtualWanResourceGroupName <String>
```

RELATED LINKS

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

Get-AzVpnSite

Remove-AzVpnSite

Update-AzVpnSite