



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

PS:\>Get-HELP Update-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

Update-AzVpnSite

SYNOPSIS

Updates a VPN site.

SYNTAX

```
Update-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>] [-InputObject <Microsoft.Azure.Commands.Network.Models.PSVpnSite>] [-IpAddress <System.String>]
[-LinkSpeedInMbps <System.UInt32>] [-O365Policy
<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>] [-Tag <System.Collections.Hashtable>]
-VirtualWanName <System.String> -VirtualWanResourceGroupName
```

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

Update-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>] [-InputObject <Microsoft.Azure.Commands.Network.Models.PSVpnSite> [-IpAddress <System.String>]
[-LinkSpeedInMbps <System.UInt32>] [-O365Policy

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

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

Update-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>] [-InputObject <Microsoft.Azure.Commands.Network.Models.PSVpnSite> [-IpAddress <System.String>]
[-LinkSpeedInMbps <System.UInt32>] [-O365Policy

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

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

[<CommonParameters>]

Update-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>] [-InputObject <Microsoft.Azure.Commands.Network.Models.PSVpnSite> [-IpAddress <System.String>]
[-LinkSpeedInMbps <System.UInt32>] [-O365Policy

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

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

Update-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>] [-LinkSpeedInMbps <System.UInt32>] -Name <System.String>
[-O365Policy

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

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

Update-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>] [-LinkSpeedInMbps <System.UInt32>] -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>]

Update-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>] [-LinkSpeedInMbps <System.UInt32>] -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>]

Update-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>] [-LinkSpeedInMbps <System.UInt32>] [-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>]

Update-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>] [-LinkSpeedInMbps <System.UInt32>] [-O365Policy

<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>]

[-ResourceId <System.String>] [-Tag <System.Collections.Hashtable>] [-VirtualWanName <System.String>

-VirtualWanResourceGroupName <System.String>] [-VpnSiteLink

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

Update-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>] [-LinkSpeedInMbps <System.UInt32>] [-O365Policy

<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>]

[-ResourceId <System.String>] [-Tag <System.Collections.Hashtable>] [-VirtualWanId <System.String>] [-VpnSiteLink

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

```

Update-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>] [-LinkSpeedInMbps <System.UInt32>] [-O365Policy
<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>]
-ResourceId <System.String> [-Tag <System.Collections.Hashtable>] -VirtualWan
<Microsoft.Azure.Commands.Network.Models.PSVirtualWan> [-VpnSiteLink
<Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Update-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>] [-LinkSpeedInMbps <System.UInt32>] [-O365Policy
<Microsoft.Azure.Commands.Network.Models.PSO365PolicyProperties>]
-ResourceId <System.String> [-Tag <System.Collections.Hashtable>] [-VpnSiteLink
<Microsoft.Azure.Commands.Network.Models.PSVpnSiteLink[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The Update-AzVpnSite cmdlet updates a VPN site.

PARAMETERS

-AddressSpace <System.String[]>

The address prefixes of the virtual network. Use this or AddressSpaceObject but not both.

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

-InputObject <Microsoft.Azure.Commands.Network.Models.PSVpnSite>

The vpn site object to be modified

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-IpAddress <System.String>

IP address of local network gateway.

Required? false
Position? named
Default value None
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

-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 group name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

The Azure resource ID for the vpn site.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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? false
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

Microsoft.Azure.Commands.Network.Models.PSVpnSite

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnSite

NOTES

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

New-AzResourceGroup -Location "West US" -Name "testRG"

\$virtualWan = New-AzVirtualWan -ResourceGroupName testRG -Name myVirtualWAN -Location "West US"

\$vpnSiteAddressSpaces = New-Object string[] 2

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

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

```
New-AzVpnSite -ResourceGroupName "testRG" -Name "testVpnSite" -Location "West US" -VirtualWan $virtualWan
-IpAddress "1.2.3.4" -AddressSpace $vpnSiteAddressSpaces

-DeviceModel "SomeDevice" -DeviceVendor "SomeDeviceVendor" -LinkSpeedInMbps "10"

New-AzVpnSite -ResourceGroupName "testRG" -Name "testVpnSite" -Location "West US" -VirtualWan $virtualWan
-IpAddress "2.3.5.5"
```

```
ResourceGroupName : testRG
Name              : testVpnSite
Id               : /subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/vpnSites/testVpnSite
Location         : eastus2euap
IpAddress        : 2.3.4.5

VirtualWan
:
/subscriptions/{subscriptionId}/resourceGroups/testRG/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 West US in "testRG" resource group in Azure.

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

Once the site is created, it updates the IpAddress of the site using the Set-AzVpnSite command.

RELATED LINKS

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

Get-AzVpnSite

New-AzVpnSite

Remove-AzVpnSite

