



Windows PowerShell Get-Help on Cmdlet 'Get-AzVirtualWanVpnConfiguration'

PS:\>Get-HELP Get-AzVirtualWanVpnConfiguration -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

Get-AzVirtualWanVpnConfiguration

SYNOPSIS

Gets the Vpn configuration for a subset of VpnSites connected to this WAN via VpnConnections. Uploads the generated Vpn configuration to a storage blob specified by the customer.

SYNTAX

```
Get-AzVirtualWanVpnConfiguration [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject  
    <Microsoft.Azure.Commands.Network.Models.PSVirtualWan> -StorageSasUrl <System.String> -VpnSite  
<Microsoft.Azure.Commands.Network.Models.PSVpnSite[]> [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

Get-AzVirtualWanVpnConfiguration [-DefaultProfile

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

<Microsoft.Azure.Commands.Network.Models.PSVirtualWan> -StorageSasUrl <System.String> -VpnSiteId

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

Get-AzVirtualWanVpnConfiguration [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>

-ResourceGroupName <System.String> -StorageSasUrl <System.String> -VpnSite

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

[<CommonParameters>]

Get-AzVirtualWanVpnConfiguration [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>

-ResourceGroupName <System.String> -StorageSasUrl <System.String> -VpnSiteId <System.String[]> [-Confirm]

[-WhatIf] [<CommonParameters>]

Get-AzVirtualWanVpnConfiguration [-DefaultProfile

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

<System.String> -StorageSasUrl <System.String> -VpnSite <Microsoft.Azure.Commands.Network.Models.PSVpnSite[]>

[-Confirm] [-WhatIf] [<CommonParameters>]

Get-AzVirtualWanVpnConfiguration [-DefaultProfile

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

<System.String> -StorageSasUrl <System.String> -VpnSiteId <System.String[]> [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

Gets the Vpn configuration for a subset of VpnSites connected to this WAN via VpnConnections. Uploads the generated Vpn configuration to a storage blob specified by

the customer.

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

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

The vpn site object to be modified

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

-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 virtual wan.

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

-StorageSasUrl <System.String>

The SAS Url for the storage location where the configuration is to be generated.

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

-VpnSite <Microsoft.Azure.Commands.Network.Models.PSVpnSite[]>

The list of VpnSite resource ids to generate configuration for.

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

-VpnSiteId <System.String[]>

The list of VpnSite resource ids to generate configuration for.

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

Microsoft.Azure.Commands.Network.Models.PSVirtualWan

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualWanVpnSitesConfiguration

NOTES

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

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

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

```
    $virtualHub = New-AzVirtualHub -VirtualWan $virtualWan -ResourceGroupName "testRG" -Name "westushub"  
-AddressPrefix "10.0.0.1/24"
```

```
    New-AzVpnGateway -ResourceGroupName "testRG" -Name "testvpngw" -VirtualHubId $virtualHub.Id  
-VpnGatewayScaleUnit 2
```

```
$vpnGateway = Get-AzVpnGateway -ResourceGroupName "testRG" -Name "testvpngw"
```

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

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

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

```
$vpnSite = 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-AzVpnConnection -ResourceGroupName $vpnGateway.ResourceGroupName -ParentResourceName  
$vpnGateway.Name -Name "testConnection" -VpnSite $vpnSite
```

```
$vpnSitesForConfig = New-Object Microsoft.Azure.Commands.Network.Models.PSVpnSite[] 1
```

```
$vpnSitesForConfig[0] = $vpnSite
```

```
Get-AzVirtualWanVpnConfiguration -VirtualWan $virtualWan -StorageSasUrl "SignedSasUrl" -VpnSite  
$vpnSitesForConfig
```

```
SasUrl
```

```
-----
```

```
SignedSasUrl
```

The above will create a resource group, Virtual WAN, Virtual Network, Virtual Hub and a VpnSite in West US in "testRG" resource group in Azure. A VPN gateway will be created thereafter in the Virtual Hub with 2 scale units.

Once the gateway has been created, it is connected to the VpnSite using the New-AzVpnConnection command.

The configuration is then downloaded using this commandlet.

If the commandlet is successful, then the download configuration will be written to the blob indicated by the SignedSasUrl. Below is an example for how the URL will

look like : [https://\[account\].blob.core.windows.net/\[container\]/\[path/to/blob\]?\[SAS\]](https://[account].blob.core.windows.net/[container]/[path/to/blob]?[SAS])

RELATED LINKS

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

