



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

PS:\>Get-HELP Get-AzVpnGateway -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-AzVpnGateway

SYNOPSIS

Gets a VpnGateway resource using ResourceGroupName and GatewayName OR lists all gateways by ResourceGroupName or SubscriptionId.

SYNTAX

```

Get-AzVpnGateway [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
[-ResourceGroupName <System.String>] [<CommonParameters>]
```

DESCRIPTION

Gets a VpnGateway resource using ResourceGroupName and GatewayName OR lists all gateways by ResourceGroupName or SubscriptionId.

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

-Name <System.String>

The resource name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-ResourceGroupName <System.String>

The resource group name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

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.PSVpnGateway

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
```

```
Get-AzVpnGateway -ResourceGroupName "testRG" -Name "testvpngw"
```

ResourceGroupName : testRG

Name : testvpngw

Id

```
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/vpnGateways/testvpngw
```

Location : West US

VpnGatewayScaleUnit : 2

VirtualHub

:

```
/subscriptions/{subscriptionId}/resourceGroups/Ali_pS_Test/providers/Microsoft.Network/virtualHubs/westushub
```

BgpSettings : {}

IpConfigurations : {Instance0, Instance1}

Type : Microsoft.Network/vpnGateways

ProvisioningState : Succeeded

The above will create a resource group, Virtual WAN, Virtual Network, Virtual Hub in West US in "testRG" resource group in Azure. A VPN gateway will be created

thereafter in the Virtual Hub with 2 scale units.

It then gets the VpnGateway using its resourceGroupName and the gateway name.

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

Get-AzVpnGateway -Name test*

ResourceGroupName : testRG

Name : test1

Id : /subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/vpnGateways/test1

Location : West US

VpnGatewayScaleUnit : 2

VirtualHub

:

```
/subscriptions/{subscriptionId}/resourceGroups/Ali_pS_Test/providers/Microsoft.Network/virtualHubs/westushub
```

BgpSettings : {}

IpConfigurations : {Instance0, Instance1}

Type : Microsoft.Network/vpnGateways

ProvisioningState : Succeeded

ResourceGroupName : testRG

Name : test2

Id : /subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/vpnGateways/test2

Location : West US

VpnGatewayScaleUnit : 2

VirtualHub

:

/subscriptions/{subscriptionId}/resourceGroups/ali_pS_Test/providers/Microsoft.Network/virtualHubs/westushub

BgpSettings : {}

IpConfigurations : {Instance0, Instance1}

Type : Microsoft.Network/vpnGateways

ProvisioningState : Succeeded

This cmdlet gets all Gateways that start with "test".

RELATED LINKS

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

New-AzVpnGateway

Remove-AzVpnGateway

Update-AzVpnGateway