



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

PS: \> Get-HELP Get-AzVirtualNetworkGatewayAdvertisedRoute -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-AzVirtualNetworkGatewayAdvertisedRoute

SYNOPSIS

Lists routes being advertised by an Azure virtual network gateway

SYNTAX

```
Get-AzVirtualNetworkGatewayAdvertisedRoute [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Peer
<System.String> -ResourceGroupName <System.String> -VirtualNetworkGatewayName <System.String>
[<CommonParameters>]
```

DESCRIPTION

Given the IP of a BGP peer, enumerates routes being advertised to that peer by the specified Azure virtual network

gateway.

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

-Peer <System.String>

BGP peer's IP address. This should be an IP within the address space accessible from within the Azure virtual network the gateway is deployed in.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Virtual network gateway resource group's name

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualNetworkGatewayName <System.String>

Virtual network gateway name

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSGatewayRoute

NOTES

This command is only applicable to Azure virtual network gateways with BGP enabled connections.

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

```
Get-AzVirtualNetworkGatewayAdvertisedRoute -VirtualNetworkGatewayName gatewayName -ResourceGroupName resourceGroupName -Peer 10.0.0.254
```

For the Azure gateway named gatewayName in resource group resourceGroupName, retrieves a list of routes being advertised to the BGP peer with IP 10.0.0.254

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

```
$bgpPeerStatus = Get-AzVirtualNetworkGatewayBGPPeerStatus -VirtualNetworkGatewayName gatewayName -ResourceGroupName resourceGroupName
```

```
Get-AzVirtualNetworkGatewayAdvertisedRoute -VirtualNetworkGatewayName gatewayName -ResourceGroupName resourceGroupName -Peer $bgpPeerStatus[0].Neighbor
```

For the Azure gateway named gatewayName in resource group resourceGroupName, retrieves routes being advertised to the first BGP peer on the gateway's list of BGP peers.

RELATED LINKS

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