



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

PS: \> Get-HELP Get-AzVirtualNetworkGatewayLearnedRoute -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-AzVirtualNetworkGatewayLearnedRoute

SYNOPSIS

Lists routes learned by an Azure virtual network gateway

SYNTAX

Get-AzVirtualNetworkGatewayLearnedRoute [-AsJob] [-DefaultProfile

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

-ResourceGroupName <System.String> -VirtualNetworkGatewayName <System.String> [<CommonParameters>]

DESCRIPTION

Enumerates routes learned by an Azure virtual network gateway from various sources. This includes routes learned over BGP, as well as static routes.

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

-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

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

Get-AzVirtualNetworkGatewayLearnedRoute -ResourceGroupName resourceGroup -VirtualNetworkGatewayname gatewayName

AsPath :

LocalAddress : 10.1.0.254

Network : 10.1.0.0/16

NextHop :

Origin : Network

SourcePeer : 10.1.0.254

Weight : 32768

AsPath :

LocalAddress : 10.1.0.254

Network : 10.0.0.254/32

NextHop :

Origin : Network

SourcePeer : 10.1.0.254

Weight : 32768

AsPath : 65515

LocalAddress : 10.1.0.254

Network : 10.0.0.0/16

NextHop : 10.0.0.254

Origin : EBgp

SourcePeer : 10.0.0.254

Weight : 32768

For the Azure virtual network gateway named gatewayname in resource group resourceGroup, retrieves routes the Azure gateway knows. The Azure virtual network gateway

in this case has two static routes (10.1.0.0/16 and 10.0.0.254/32), as well as one route learned over BGP (10.0.0.0/16).

RELATED LINKS

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

