



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

PS:\>Get-HELP Get-AzExpressRouteGateway -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-AzExpressRouteGateway

SYNOPSIS

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

SYNTAX

```

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

```

Get-AzExpressRouteGateway [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ResourceId
-ResourceId]
```

<System.String>

[<CommonParameters>]

DESCRIPTION

Gets a ExpressRouteGateway 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

-ResourceId <System.String>

The Azure resource ID for the expressRouteGateway to be deleted.

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.PSExpressRouteGateway

NOTES

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

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

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

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

New-AzExpressRouteGateway -ResourceGroupName "testRG" -Name "testExpressRoutegw" -VirtualHubId
$virtualHub.Id -MinScaleUnits 2

Get-AzExpressRouteGateway -ResourceGroupName "testRG" -Name "testExpressRoutegw"

ResourceGroupName : testRG
Name               : testExpressRoutegw
Id                :
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/ExpressRouteGateways/testExpressRo
utegw
Location          : West Central US
ExpressRouteGatewayScaleUnit : 2
VirtualHub        :
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/westushub
BgpSettings       : {}
Type              : Microsoft.Network/ExpressRouteGateways
ProvisioningState  : Succeeded
```

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

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

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

Get-AzExpressRouteGateway -Name test*

ResourceGroupName : testRG

Name : testExpressRoutegw1

Id :

/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/ExpressRouteGateways/testExpressRoutegw1

Location : West Central US

ExpressRouteGatewayScaleUnit : 2

VirtualHub :

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

BgpSettings : {}

Type : Microsoft.Network/ExpressRouteGateways

ProvisioningState : Succeeded

ResourceGroupName : testRG

Name : testExpressRoutegw2

Id :

/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/ExpressRouteGateways/testExpressRoutegw2

Location : West Central US

ExpressRouteGatewayScaleUnit : 2

VirtualHub :

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

BgpSettings : {}

Type : Microsoft.Network/ExpressRouteGateways

ProvisioningState : Succeeded

This command will get all ExpressRouteGateways that start with "test"

