Windows PowerShell Get-Help on Cmdlet 'Resize-AzVirtualNetworkGateway'

PS:\>Get-HELP Resize-AzVirtualNetworkGateway -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

   Resize-AzVirtualNetworkGateway

SYNOPSIS

   Resizes an existing virtual network gateway.

SYNTAX

                     Resize-AzVirtualNetworkGateway   [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -GatewaySku {Basic |

   Standard | HighPerformance | UltraPerformance | VpnGw1 | VpnGw2 | VpnGw3 | VpnGw1AZ | VpnGw2AZ | VpnGw3AZ |

ErGw1AZ | ErGw2AZ | ErGw3AZ} -VirtualNetworkGateway

   <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway> [<CommonParameters>]

DESCRIPTION

The Resize-AzVirtualNetworkGateway cmdlet enables you to change the stock-keeping unit (SKU) for a virtual network gateway. SKUs determine the capabilities of a

gateway, including such things as throughput and the maximum number of IP tunnels that are allowed. Azure supports Basic, Standard, High-Performance, VpnGw1, VpnGw2,

VpnGw3, VpnGw1AZ, VpnGw2AZ, VpnGw3AZ, ErGw1AZ, ErGw2AZ, ErGw3AZ SKUs (sometimes referred to as Small, Medium, and Large SKUs). For detailed information about the

capabilities of each SKU type, see https://azure.microsoft.com/en-us/documentation/articles/vpn-gateway-about-vpngateways/. Keep in mind that SKUs differ

in pricing

as well as capabilities. For more information, see https://azure.microsoft.com/en-us/pricing/details/vpn-gateway/.

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

-GatewaySku <System.String>

Specifies the new type of gateway SKU. The acceptable values for this parameter are: - Basic

- Standard

- High Performance

- VpnGw1

- VpnGw2

- VpnGw3

- VpnGw1AZ

- VpnGw2AZ

- VpnGw3AZ

- ErGw1AZ

- ErGw2AZ

- ErGw3AZ

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

-VirtualNetworkGateway <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>

Specifies an object reference to the virtual network gateway to be resized. You can create this object reference by using the Get-AzVirtualNetworkGateway and

specifying the name of the gateway.

Required?   true
Position?   named
Default value   None
Accept pipeline input?   True (ByValue)
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.PSVirtualNetworkGateway

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway

NOTES

You cannot resize from Basic/Standard/HighPerformance SKUs to the new VpnGw1/VpnGw2/VpnGw3 SKUs. Further resize is not allowed from/to VpnGw1AZ/VpnGw2AZ/VpnGw3AZ

or ErGw1AZ/ErGw2AZ/ErGw3AZ. Resize is allowed only within the SKU 'series' e.g VpnGw1AZ can be resized to/from VpnGw2AZ/VpnGw3AZ and ErGw1AZ can be resized

to/from ErGw2AZ/ErGw3AZ. See https://learn.microsoft.com/azure/vpn-gateway/vpn-gateway-about-vpngateways for instructions.

--- Example 1: Change the size of a virtual network gateway ---

$Gateway = Get-AzVirtualNetworkGateway -Name "ContosoVirtualGateway"

Resize-AzVirtualNetworkGateway -VirtualNetworkGateway $Gateway -GatewaySku "Basic"

This example changes the size of a virtual network gateway named ContosoVirtualGateway. The first command creates

an object reference to ContosoVirtualGateway; this

object reference is stored in a variable named $Gateway. The second command then uses the

Resize-AzVirtualNetworkGateway cmdlet to set the GatewaySku property to

Basic.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/resize-azvirtualnetworkgateway

Get-AzVirtualNetworkGateway

New-AzVirtualNetworkGateway

Remove-AzVirtualNetworkGateway

Reset-AzVirtualNetworkGateway

Set-AzVirtualNetworkGateway

Get-AzVpnClientPackage