Windows PowerShell Get-Help on Cmdlet 'Set-AzExpressRouteCircuitPeeringConfig'

PS:\>Get-HELP Set-AzExpressRouteCircuitPeeringConfig -Full

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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

Set-AzExpressRouteCircuitPeeringConfig

SYNOPSIS

Saves a modified ExpressRoute peering configuration.

SYNTAX

Set-AzExpressRouteCircuitPeeringConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ExpressRouteCircuit <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit> [-LegacyMode <System.Boolean>] [-MicrosoftConfigAdvertisedPublicPrefixes <System.String[]>] [-MicrosoftConfigCustomerAsn <System.Int32>] [-MicrosoftConfigRoutingRegistryName <System.String>] -Name <System.String> [-PeerAddressType {IPv4 | IPv6}] -PeerASN <System.UInt32> -PeeringType {AzurePrivatePeering | AzurePublicPeering | MicrosoftPeering} -PrimaryPeerAddressPrefix <System.String> -RouteFilter

<Microsoft.Azure.Commands.Network.Models.PSRouteFilter> -SecondaryPeerAddressPrefix <System.String> [-SharedKey <System.String>] -VlanId <System.Int32>

[<CommonParameters>]

Set-AzExpressRouteCircuitPeeringConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ExpressRouteCircuit <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit> [-LegacyMode <System.Boolean>] [-MicrosoftConfigAdvertisedPublicPrefixes

<System.String[]>] [-MicrosoftConfigCustomerAsn <System.Int32>] [-MicrosoftConfigRoutingRegistryName <System.String>] -Name <System.String> [-PeerAddressType {IPv4 |

IPv6}] -PeerASN <System.UInt32> -PeeringType {AzurePrivatePeering | AzurePublicPeering | MicrosoftPeering} -PrimaryPeerAddressPrefix <System.String> -RouteFilterId

<System.String> -SecondaryPeerAddressPrefix <System.String> [-SharedKey <System.String>] -VlanId <System.Int32> [<CommonParameters>]

DESCRIPTION

The Set-AzExpressRouteCircuitPeeringConfig cmdlets saves a modified ExpressRoute peering configuration back to Azure.

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

-ExpressRouteCircuit <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit>

The ExpressRoute circuit object containing the peering configuration to be modified.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-LegacyMode <System.Boolean>

The legacy mode of the Peering

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MicrosoftConfigAdvertisedPublicPrefixes <System.String[]>

For a PeeringType of MicrosoftPeering, you must provide a list of all prefixes you plan to advertise over the BGP session. Only public IP address prefixes are

accepted. You can send a comma separated list if you plan to send a set of prefixes. These prefixes must be registered to you in a Routing Registry Name (RIR /

IRR).

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MicrosoftConfigCustomerAsn <System.Int32>

If you are advertising prefixes that are not registered to the peering AS number, you can specify the AS number to which they are registered.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MicrosoftConfigRoutingRegistryName <System.String>

The Routing Registry Name (RIR / IRR) to which the AS number and prefixes are registered.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The name of the peering configuration to be modified.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PeerAddressType <System.String>

PeerAddressType

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PeerASN <System.UInt32>

The AS number of your ExpressRoute circuit. This must be a Public ASN when the PeeringType is AzurePublicPeering.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PeeringType <System.String>

The acceptable values for this parameter are: `AzurePrivatePeering`, `AzurePublicPeering`, and `MicrosoftPeering`

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PrimaryPeerAddressPrefix <System.String>

This is the IP Address range for the primary routing path of this peering relationship. This must be a /30 CIDR subnet. The first odd-numbered address in this

subnet should be assigned to your router interface. Azure will configure the next even-numbered address to the Azure router interface.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RouteFilter <Microsoft.Azure.Commands.Network.Models.PSRouteFilter>

This is an existing RouteFilter object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RouteFilterId <System.String>

This is the resource Id of an existing RouteFilter object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SecondaryPeerAddressPrefix <System.String>

This is the IP Address range for the secondary routing path of this peering relationship. This must be a /30 CIDR subnet. The first odd-numbered address in this

subnet should be assigned to your router interface. Azure will configure the next even-numbered address to the Azure router interface.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SharedKey <System.String>

This is an optional MD5 hash used as a pre-shared key for the peering configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VlanId <System.Int32>

This is the Id number of the VLAN assigned for this peering.

Required? true

Position? named

Default value None

Accept pipeline input? False

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.PSExpressRouteCircuit

System.String

Microsoft.Azure.Commands.Network.Models.PSRouteFilter

System.Boolean

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit

NOTES

----- Example 1: Change an existing peering configuration -----

```
$circuit = Get-AzExpressRouteCircuit -Name $CircuitName -ResourceGroupName $rg
$parameters = @{
    Name = 'AzurePrivatePeering'
    Circuit = $circuit
    PeeringType = 'AzurePrivatePeering'
    PeerASN = 100
    PrimaryPeerAddressPrefix = '10.6.1.0/30'
    SecondaryPeerAddressPrefix = '10.6.2.0/30'
    VlanId  = 201
}
Set-AzExpressRouteCircuitPeeringConfig @parameters
Set-AzExpressRouteCircuit -ExpressRouteCircuit $circuit
```

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

```
Set-AzExpressRouteCircuitPeeringConfig -ExpressRouteCircuit <PSExpressRouteCircuit> -Name 'cert01' -PeerASN 100
-PeerAddressType IPv4 -PeeringType AzurePrivatePeering
-PrimaryPeerAddressPrefix '123.0.0.0/30' -SecondaryPeerAddressPrefix '123.0.0.4/30' -VlanId 300
```

---------- Example 3 ----------

Set-AzExpressRouteCircuitPeeringConfig -ExpressRouteCircuit <PSExpressRouteCircuit> -MicrosoftConfigAdvertisedPublicPrefixes <String[]> -MicrosoftConfigCustomerAsn <Int32> -MicrosoftConfigRoutingRegistryName <String> -Name 'cert01' -PeerASN 100 -PeerAddressType IPv4 -PeeringType AzurePrivatePeering -PrimaryPeerAddressPrefix '123.0.0.0/30' -SecondaryPeerAddressPrefix '123.0.0.4/30' -VlanId 300

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/set-azexpressroutecircuitpeeringconfig

Add-AzExpressRouteCircuitPeeringConfig

Get-AzExpressRouteCircuit

New-AzExpressRouteCircuitPeeringConfig

Remove-AzExpressRouteCircuitPeeringConfig