



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

PS: \>Get-HELP Set-AzExpressRouteCircuitConnectionConfig -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

Set-AzExpressRouteCircuitConnectionConfig

SYNOPSIS

Updates a circuit connection configuration created in Private Peerings for an Express Route Circuit.

SYNTAX

```
Set-AzExpressRouteCircuitConnectionConfig [-Name] <System.String> [-ExpressRouteCircuit]
<Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit>
[-PeerExpressRouteCircuitPeering] <System.String> [-AddressPrefix] <System.String> [-AddressPrefixType {IPv4 | IPv6}]
[-AuthorizationKey <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-AzExpressRouteCircuitConnectionConfig cmdlet updates a circuit connection configuration created in private peering for an ExpressRoute circuit. This allows peering two Express Route Circuits across regions or subscriptions. Note that, before running Set-AzExpressRouteCircuitConnectionConfig you must add the circuit connection using Add-AzExpressRouteCircuitConnectionConfig . Also, after running Set-AzExpressRouteCircuitPeeringConfig , you must call the Set-AzExpressRouteCircuit cmdlet to activate the configuration.

PARAMETERS

-AddressPrefix <System.String>

A minimum /29 customer address space to create VxLan tunnels between Express Route Circuits for IPv4 tunnels. or a minimum of /125 customer address space to create VxLan tunnels between Express Route Circuits for IPv6 tunnels.

Required? true

Position? 3

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AddressPrefixType <System.String>

Specifies the address family that address prefix belongs to.

Required? false

Position? named

Default value IPv4

Accept pipeline input? False

Accept wildcard characters? false

-AuthorizationKey <System.String>

Authorization Key to peer Express Route Circuit in another subscription. Authorization on peer circuit can be created

using existing commands.

Required?	false
Position?	named
Default value	None
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

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

The ExpressRoute circuit being modified. This is Azure object returned by the Get-AzExpressRouteCircuit cmdlet.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByValue)
Accept wildcard characters?	false

-Name <System.String>

The name of the circuit connection resource to be added.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	False

Accept wildcard characters? false

-PeerExpressRouteCircuitPeering <System.String>

Resource Id for Private Peering of remote circuit which will be peered with the current circuit.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit

NOTES

Example 1: Update a circuit connection resource to an existing ExpressRoute circuit

```
$circuit_init = Get-AzExpressRouteCircuit -Name $initiatingCircuitName -ResourceGroupName $rg
```

```
$circuit_peer = Get-AzExpressRouteCircuit -Name $peeringCircuitName -ResourceGroupName $rg
```

```
$addressSpace = 'aa:bb::0/125'
```

```
$addressPrefixType = 'IPv6'
```

```
Set-AzExpressRouteCircuitConnectionConfig -Name $circuitConnectionName -ExpressRouteCircuit $circuit_init  
-PeerExpressRouteCircuitPeering $circuit_peer.Peerings[0].Id  
-AddressPrefix $addressSpace -AddressPrefixType $addressPrefixType -AuthorizationKey  
$circuit_peer.Authorizations[0].AuthorizationKey
```

```
Set-AzExpressRouteCircuit -ExpressRouteCircuit $circuit_init
```

Example 2: Set a circuit connection configuration using Piping to an existing ExpressRoute Circuit

```
$circuit_peer = Get-AzExpressRouteCircuit -Name $peeringCircuitName -ResourceGroupName $rg
$addressSpace = '60.0.0.0/29'

Get-AzExpressRouteCircuit -Name $initiatingCircuitName -ResourceGroupName $rg |
Set-AzExpressRouteCircuitConnectionConfig -Name $circuitConnectionName
-PeerExpressRouteCircuitPeering $circuit_peer.PeeringId -AddressPrefix $addressSpace -AuthorizationKey
$circuit_peer.Authorizations[0].AuthorizationKey
|Set-AzExpressRouteCircuit
```

RELATED LINKS

[Get-AzExpressRouteCircuitConnectionConfig](#)

[Remove-AzExpressRouteCircuitConnectionConfig](#)

[Add-AzExpressRouteCircuitConnectionConfig](#)

[Set-AzExpressRouteCircuit](#)

[Get-AzExpressRouteCircuit](#)