



Windows PowerShell Get-Help on Cmdlet 'Remove-AzExpressRouteConnection'

PS: \>Get-HELP Remove-AzExpressRouteConnection -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

Remove-AzExpressRouteConnection

SYNOPSIS

Removes a ExpressRouteConnection.

SYNTAX

```

Remove-AzExpressRouteConnection [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-ExpressRouteGatewayName
<System.String> [-Force] -Name <System.String> [-PassThru] -ResourceGroupName <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Remove-AzExpressRouteConnection [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] -InputObject

```

<Microsoft.Azure.Commands.Network.Models.PSExpressRouteConnection> [-PassThru] [-Confirm] [-WhatIf]
[<CommonParameters>]

Remove-AzExpressRouteConnection [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-PassThru]
-ResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Removes a ExpressRouteConnection.

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

-ExpressRouteGatewayName <System.String>
The parent resource name.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Force <System.Management.Automation.SwitchParameter>
Do not ask for confirmation if you want to overwrite a resource

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Network.Models.PSExpressRouteConnection>

The ExpressRouteConnection object to update.

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

-Name <System.String>

The resource name.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required? false
Position? named
Default value False
Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

The resource id of the ExpressRouteConnection object to delete.

Required? true

Position? named

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

System.String

Microsoft.Azure.Commands.Network.Models.PSExpressRouteConnection

OUTPUTS

System.Boolean

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

$ExpressRouteGateway = Get-AzExpressRouteGateway -ResourceGroupName "testRG" -Name "testExpressRouteGw"

$ExpressRouteCircuit = New-AzExpressRouteCircuit -ResourceGroupName "testRG" -Name "testExpressRouteCircuit"
-Location "West Central US" -SkuTier Premium -SkuFamily
MeteredData -ServiceProviderName "Equinix" -PeeringLocation "Silicon Valley" -BandwidthInMbps 200

Add-AzExpressRouteCircuitPeeringConfig -Name "AzurePrivatePeering" -ExpressRouteCircuit $ExpressRouteCircuit
-PeeringType AzurePrivatePeering -PeerASN 100

-PrimaryPeerAddressPrefix "123.0.0.0/30" -SecondaryPeerAddressPrefix "123.0.0.4/30" -VlanId 300

$ExpressRouteCircuit = Set-AzExpressRouteCircuit -ExpressRouteCircuit $ExpressRouteCircuit

$ExpressRouteCircuitPeeringId = $ExpressRouteCircuit.Peerings[0].Id

New-AzExpressRouteConnection -ResourceGroupName $ExpressRouteGateway.ResourceGroupName
-ExpressRouteGatewayName $ExpressRouteGateway.Name -Name "testConnection"

-ExpressRouteCircuitPeeringId $ExpressRouteCircuitPeeringId -RoutingWeight 20

Remove-AzExpressRouteConnection -ResourceGroupName $ExpressRouteGateway.ResourceGroupName
-ExpressRouteGatewayName $ExpressRouteGateway.Name -Name "testConnection"

```

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

Once the gateway has been created, it is connected to the ExpressRouteSite using the New-AzExpressRouteConnection command.

Then it removes the connection using the connection name.

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

```
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

$ExpressRouteGateway = Get-AzExpressRouteGateway -ResourceGroupName "testRG" -Name "testExpressRouteGw"

$ExpressRouteCircuit = New-AzExpressRouteCircuit -ResourceGroupName "testRG" -Name "testExpressRouteCircuit"
-Location "West Central US" -SkuTier Premium -SkuFamily
MeteredData -ServiceProviderName "Equinix" -PeeringLocation "Silicon Valley" -BandwidthInMbps 200

Add-AzExpressRouteCircuitPeeringConfig -Name "AzurePrivatePeering" -ExpressRouteCircuit $ExpressRouteCircuit
-PeeringType AzurePrivatePeering -PeerASN 100

-PrimaryPeerAddressPrefix "123.0.0.0/30" -SecondaryPeerAddressPrefix "123.0.0.4/30" -VlanId 300

$ExpressRouteCircuit = Set-AzExpressRouteCircuit -ExpressRouteCircuit $ExpressRouteCircuit

$ExpressRouteCircuitPeeringId = $ExpressRouteCircuit.Peerings[0].Id

New-AzExpressRouteConnection -ResourceGroupName $ExpressRouteGateway.ResourceGroupName
-ExpressRouteGatewayName $ExpressRouteGateway.Name -Name "testConnection"

-ExpressRouteCircuitPeeringId $ExpressRouteCircuitPeeringId -RoutingWeight 20

Get-AzExpressRouteConnection -ResourceGroupName $ExpressRouteGateway.ResourceGroupName
-ExpressRouteGatewayName $ExpressRouteGateway.Name -Name "testConnection" |

Remove-AzExpressRouteConnection

```

Same as example 1, but it now removes the connection using the piped object from Get-AzExpressRouteConnection.

RELATED LINKS

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