



## ***Windows PowerShell Get-Help on Cmdlet 'Remove-AzVirtualHubVnetConnection'***

***PS:\>Get-HELP Remove-AzVirtualHubVnetConnection -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-AzVirtualHubVnetConnection

### **SYNOPSIS**

The Remove-AzVirtualHubVnetConnection cmdlet removes an Azure Virtual Network Connection which peers a remote VNET to the hub VNET.

### **SYNTAX**

```
Remove-AzVirtualHubVnetConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-InputObject <Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection>] [-PassThru] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

```
Remove-AzVirtualHubVnetConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] -Name
```

<System.String> -ParentResourceName <System.String> [-PassThru] -ResourceGroupName <System.String> [-Confirm]  
[-WhatIf] [<CommonParameters>]

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

## DESCRIPTION

The Remove-AzVirtualHubVnetConnection cmdlet removes an Azure Virtual Network Connection which peers a remote VNET to the hub VNET.

## PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

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

-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.PSHubVirtualNetworkConnection>

The hubvirtualnetworkconnection resource to modify.

Required? false  
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

-ParentResourceName <System.String>

The parent 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 hubvirtualnetworkconnection resource to modify.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection

System.String

OUTPUTS

System.Boolean

## NOTES

### ----- Example 1 -----

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

$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "10.0.1.0/24"

$backendSubnet = New-AzVirtualNetworkSubnetConfig -Name backendSubnet -AddressPrefix "10.0.2.0/24"

$remoteVirtualNetwork = New-AzVirtualNetwork -Name "MyVirtualNetwork" -ResourceGroupName "testRG" -Location
"West US" -AddressPrefix "10.0.0.0/16" -Subnet
$frontendSubnet,$backendSubnet

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

New-AzVirtualHub -VirtualWan $virtualWan -ResourceGroupName "testRG" -Name "westushub" -AddressPrefix
"10.0.1.0/24"

New-AzVirtualHubVnetConnection -ResourceGroupName "testRG" -VirtualHubName "westushub" -Name
"testvnetconnection" -RemoteVirtualNetwork $remoteVirtualNetwork

Remove-AzVirtualHubVnetConnection -ResourceGroupName testRG -VirtualHubName westushub -Name
testvnetconnection
```

The above will create a resource group, Virtual WAN, Virtual Network, Virtual Hub in Central US in that resource group in Azure. A Virtual Network Connection will be created thereafter which will peer the Virtual Network to the Virtual Hub.

After the hub virtual network connection is created, it removes the hub virtual network connection using its resource group name, the hub name and the connection name.

### ----- Example 2 -----

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

```

$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "10.0.1.0/24"
$backendSubnet = New-AzVirtualNetworkSubnetConfig -Name backendSubnet -AddressPrefix "10.0.2.0/24"
$remoteVirtualNetwork = New-AzVirtualNetwork -Name "MyVirtualNetwork" -ResourceGroupName "testRG" -Location
"West US" -AddressPrefix "10.0.0.0/16" -Subnet
$frontendSubnet,$backendSubnet
$virtualWan = New-AzVirtualWan -ResourceGroupName "testRG" -Name "myVirtualWAN" -Location "West US"
New-AzVirtualHub -VirtualWan $virtualWan -ResourceGroupName "testRG" -Name "westushub" -AddressPrefix
"10.0.1.0/24"
New-AzVirtualHubVnetConnection -ResourceGroupName "testRG" -VirtualHubName "westushub" -Name
"testvnetconnection" -RemoteVirtualNetwork $remoteVirtualNetwork
Get-AzVirtualHubVnetConnection -ResourceGroupName testRG -VirtualHubName westushub -Name testvnetconnection
| Remove-AzVirtualHubVnetConnection

```

The above will create a resource group, Virtual WAN, Virtual Network, Virtual Hub in Central US in that resource group in Azure. A Virtual Network Connection will be created thereafter which will peer the Virtual Network to the Virtual Hub.

After the hub virtual network connection is created, it removes the hub virtual network connection using powershell piping on the output from

```
Get-AzHubVirtualNetworkConnection.
```

## RELATED LINKS

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

Get-AzVirtualHubVnetConnection

New-AzVirtualHubVnetConnection