



## ***Windows PowerShell Get-Help on Cmdlet 'Update-AzVirtualHubBgpConnection'***

***PS: \>Get-HELP Update-AzVirtualHubBgpConnection -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**

Update-AzVirtualHubBgpConnection

### **SYNOPSIS**

The Update-AzVirtualHubBgpConnection cmdlet updates an existing HubBgpConnection resource (Virtual WAN Hub BGP Connection).

### **SYNTAX**

```
Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
<Microsoft.Azure.Commands.Network.Models.PSBgpConnection> [-PeerAsn <System.UInt32>] [-PeerIp
<System.String>] -VirtualHubVnetConnection
<Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSBgpConnection> [-PeerAsn <System.UInt32>] [-PeerIp
<System.String>] -VirtualHubVnetConnectionId <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSBgpConnection> [-PeerAsn <System.UInt32>] [-PeerIp
<System.String>] [-VirtualHubVnetConnection
    <Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection>] [-VirtualHubVnetConnectionId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> -PeerAsn <System.UInt32> -PeerIp <System.String> -ResourceGroupName <System.String>
-VirtualHubName <System.String> -VirtualHubVnetConnection
    <Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> -PeerAsn <System.UInt32> -PeerIp <System.String> -ResourceGroupName <System.String>
-VirtualHubName <System.String> -VirtualHubVnetConnectionId
    <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
    <System.String> -PeerAsn <System.UInt32> -PeerIp <System.String> -VirtualHub
<Microsoft.Azure.Commands.Network.Models.PSVirtualHub> -VirtualHubVnetConnection
    <Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> -PeerAsn <System.UInt32> -PeerIp <System.String> -VirtualHub
<Microsoft.Azure.Commands.Network.Models.PSVirtualHub> -VirtualHubVnetConnectionId
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -PeerAsn
<System.UInt32> -PeerIp <System.String> -ResourceId <System.String> -VirtualHubVnetConnection
<Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Update-AzVirtualHubBgpConnection [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -PeerAsn
<System.UInt32> -PeerIp <System.String> -ResourceId <System.String> -VirtualHubVnetConnectionId <System.String>
[-Confirm] [-WhatIf] [<CommonParameters>]

```

## DESCRIPTION

The Update-AzVirtualHubBgpConnection cmdlet updates an existing HubBgpConnection resource (Virtual WAN Hub BGP Connection).

## 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

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

The virtual hub bgp connection resource.

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

-PeerAsn <System.UInt32>

The peer ASN.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PeerIp <System.String>

The peer IP.

Required? true

Position? named

Default value None

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.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualHub <Microsoft.Azure.Commands.Network.Models.PSVirtualHub>

The virtual hub resource.

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

-VirtualHubName <System.String>

The virtual hub name.

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

-VirtualHubVnetConnection <Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection>

The VirtualHubVnetConnection resource.

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

-VirtualHubVnetConnectionId <System.String>

The VirtualHubVnetConnection resource id.

Required? true  
Position? named  
Default value None  
Accept pipeline input? False  
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.PSVirtualHub

Microsoft.Azure.Commands.Network.Models.PSBgpConnection

Microsoft.Azure.Commands.Network.Models.PSHubVirtualNetworkConnection

System.String

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSBgpConnection

## NOTES

----- Example 1 -----

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

$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "192.168.1.0/24"

$backendSubnet = New-AzVirtualNetworkSubnetConfig -Name backendSubnet -AddressPrefix "192.168.2.0/24"

$remoteVirtualNetwork = New-AzVirtualNetwork -Name "testVirtualNetwork" -ResourceGroupName "testRG" -Location
"West US" -AddressPrefix "192.168.0.0/16" -Subnet
$frontendSubnet,$backendSubnet

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

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

$hubVnetConnection = New-AzVirtualHubVnetConnection -ResourceGroupName "testRG" -VirtualHubName "testHub"
-Name "testVnetConnection" -RemoteVirtualNetwork
$remoteVirtualNetwork

New-AzVirtualHubBgpConnection -ResourceGroupName "testRG" -VirtualHubName "testHub" -PeerIp 192.168.1.5
-PeerAsn 20000 -Name "testBgpConnection"

-VirtualHubVnetConnection $hubVnetConnection

Update-AzVirtualHubBgpConnection -ResourceGroupName "testRG" -VirtualHubName "testHub" -PeerIp 192.168.1.6
```

```
-PeerAsn 20000 -Name "testBgpConnection"
```

```
-VirtualHubVnetConnection $hubVnetConnection
```

```
Name : testBgpConnection
```

```
Id :
```

```
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/testHub/bgpConnections/testBgpConnection
```

```
HubVirtualNetworkConnection :
```

```
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/testHub/hubVirtualNetworkConnections/testVnetConnection
```

```
PeerAsn : 20000
```

```
PeerIp : 192.168.1.6
```

The above will create a resource group, Virtual WAN, Virtual Network, Virtual WAN Hub in West US and connect the Virtual Network to the Virtual WAN Hub in that

resource group in Azure. A Virtual WAN Hub BGP Connection will be created thereafter which will peer the Virtual WAN Hub with the network appliance deployed in the

Virtual Network. This Virtual WAN Hub BGP Connection is then updated to have a different Peer IP.

## RELATED LINKS

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

New-AzVirtualHubBgpConnection

Get-AzVirtualHubBgpConnection

Remove-AzVirtualHubBgpConnection