



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

PS: \>Get-HELP Set-AzVirtualHub -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-AzVirtualHub

SYNOPSIS

Modifies a Virtual Hub to add a Virtual HUB Route Table to it.

SYNTAX

```

Set-AzVirtualHub [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
<Microsoft.Azure.Commands.Network.Models.PSVirtualHub> -RouteTable
<Microsoft.Azure.Commands.Network.Models.PSVirtualHubRouteTable[]> [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzVirtualHub [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>

```

```

-ResourceGroupName          <System.String>          -RouteTable
<Microsoft.Azure.Commands.Network.Models.PSVirtualHubRouteTable[]>  [-Tag          <System.Collections.Hashtable>]
[-Confirm]
[-WhatIf] [<CommonParameters>]

Set-AzVirtualHub            [-AsJob]            [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceId
<System.String>
-RouteTable    <Microsoft.Azure.Commands.Network.Models.PSVirtualHubRouteTable[]>    [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzVirtualHub cmdlet modifies a Virtual Hub to add a Virtual HUB Route Table to it.

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.PSVirtualHub>

The Virtual hub object to be modified.

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

-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 Virtual hub to be modified.

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

-RouteTable <Microsoft.Azure.Commands.Network.Models.PSVirtualHubRouteTable[]>

The route tables associated with this Virtual Hub.

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

-Tag <System.Collections.Hashtable>

A hashtable which represents resource tags.

Required? false
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

System.String

Microsoft.Azure.Commands.Network.Models.PSVirtualHub

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualHub

NOTES

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

```
$existingHub = Get-AzVirtualHub -ResourceGroupName "testRg" -Name "westushub"

$route1 = Add-AzVirtualHubRoute -DestinationType "CIDR" -Destination @"(10.4.0.0/16", "10.5.0.0/16") -NextHopType
"IPAddress" -NextHop @"(10.0.0.68")

$routeTable1 = Add-AzVirtualHubRouteTable -Route @($route1) -Connection @"(All_Vnets)" -Name "routeTable1"

Set-AzVirtualHub -VirtualHub $existingHub -RouteTable @($routeTable1)
```

```
VirtualWan                                                                    :
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/virtualWans/testWan
ResourceGroupName                    : testRg
Name                                : westushub
Id                                  :
/subscriptions/{subscriptionId}/resourceGroups/testRG/providers/Microsoft.Network/virtualHubswestushub
AddressPrefix                        : 10.40.0.0/16
RouteTable                          : Microsoft.Azure.Commands.Network.Models.PSVirtualHubRouteTable
VirtualNetworkExpressRouteConnections :
RouteTables                        : {routeTable1}
Location                            : westus
Sku                                  : Standard
Type                                : Microsoft.Network/virtualHubs
ProvisioningState                    : Succeeded
```

First we create a Virtual Hub Route object, and use it to create a Virtual Hub Route Table resource. Then we set this route table resource to the virtual hub using the `Set-AzVirtualHub` command.

RELATED LINKS

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

