



Windows PowerShell Get-Help on Cmdlet 'Get-AzVHubEffectiveRoute'

PS:\>Get-HELP Get-AzVHubEffectiveRoute -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

Get-AzVHubEffectiveRoute

SYNOPSIS

Retrieves the effective routes of a virtual hub resource

SYNTAX

```
Get-AzVHubEffectiveRoute [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceGroupName
<System.String> [-ResourceId <System.String>] -VirtualHubName <System.String> [-VirtualWanResourceType
<System.String>] [<CommonParameters>]
```

```
Get-AzVHubEffectiveRoute [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ResourceId
<System.String>]
```

```

-VirtualHubObject <Microsoft.Azure.Commands.Network.Models.PSVirtualHub> [-VirtualWanResourceType
<System.String>] [<CommonParameters>]

Get-AzVHubEffectiveRoute [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ResourceId
<System.String>]
-VirtualHubResourceId <System.String> [-VirtualWanResourceType <System.String>] [<CommonParameters>]

```

DESCRIPTION

Gets the effective routes of the given virtual hub resource

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

-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 a virtual wan resource.

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

-VirtualHubName <System.String>

The virtual hub resource name.

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

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

The parent resource.

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

-VirtualHubResourceId <System.String>

The virtual hub resource id.

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

Accept wildcard characters? false

-VirtualWanResourceType <System.String>

The virtual wan resource type.

Required? false

Position? named

Default value None

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualHubEffectiveRouteList

NOTES

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

```
New-AzVirtualWan -ResourceGroupName "testRg" -Name "testWan" -Location "westcentralus" -VirtualWanType
"Standard" -AllowVnetToVnetTraffic -AllowBranchToBranchTraffic

$virtualWan = Get-AzVirtualWan -ResourceGroupName "testRg" -Name "testWan"

New-AzVirtualHub -ResourceGroupName "testRg" -Name "testHub" -Location "westcentralus" -AddressPrefix
"10.0.0.0/16" -VirtualWan $virtualWan

$virtualHub = Get-AzVirtualHub -ResourceGroupName "testRg" -Name "testHub"

$hubRouteTableId =

"/subscriptions/eb40168c-f355-4a18-b13c-5d9751d314c6/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/t
estHub/hubRouteTables/defaultRouteTable"

Get-AzVHubEffectiveRoute -VirtualHubObject $virtualHub -ResourceId $hubRouteTableId -VirtualWanResourceType
"RouteTable"

Value : [
    {
        "AddressPrefixes": [
            "10.2.0.0/16"
        ],
        "NextHops": [
            "/subscriptions/eb40168c-f355-4a18-b13c-5d9751d314c6/resourceGroups/testRg/providers/Microsoft.Network/virtu
alHubs/testHub/hubVirtualNetworkConnections/testConnection"
        ],
        "NextHopType": "Virtual Network Connection",
        "RouteOrigin":
            "/subscriptions/eb40168c-f355-4a18-b13c-5d9751d314c6/resourceGroups/testRg/providers/Microsoft.
Network/virtualHubs/testHub/hubVirtualNetworkConnections/testConnection"
    }
]
```

This command gets the effective routes of the virtual hub default route table.

RELATED LINKS

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