



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

PS:\>Get-HELP Get-AzVHubRouteTable -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-AzVHubRouteTable

SYNOPSIS

Retrieves a hub route table resource associated with a VirtualHub.

SYNTAX

```

Get-AzVHubRouteTable [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-HubName
<System.String>] [-Name
<System.String>] -ResourceGroupName <System.String> [<CommonParameters>]
```

```

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

-ParentResourceId <System.String> [<CommonParameters>]

Get-AzVHubRouteTable

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-Name

<System.String>] -VirtualHub

<Microsoft.Azure.Commands.Network.Models.PSVirtualHub> [<CommonParameters>]

DESCRIPTION

Gets the specified hub route table that is associated with the specified virtual hub.

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

-HubName <System.String>

The parent resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The resource name.

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

-ParentResourceId <System.String>

The parent resource id.

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

-VirtualHub <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

<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.PSVHubRouteTable

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"
```

```

$fwlp = New-AzFirewallHubPublicIpAddress -Count 1

$hubIpAddresses = New-AzFirewallHubIpAddress -PublicIP $fwlp

New-AzFirewall -Name "testFirewall" -ResourceGroupName "testRg" -Location "westcentralus" -Sku AZFW_Hub
-VirtualHubId $virtualHub.Id -HubIpAddress $hubIpAddresses

$firewall = Get-AzFirewall -Name "testFirewall" -ResourceGroupName "testRg"

$route1 = New-AzVHubRoute -Name "private-traffic" -Destination @("10.30.0.0/16", "10.40.0.0/16") -DestinationType
"CIDR" -NextHop $firewall.Id -NextHopType
"ResourceId"

New-AzVHubRouteTable -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRouteTable" -Route
@($route1) -Label @("testLabel")

Get-AzVHubRouteTable -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRouteTable"

Name          : testRouteTable
Id            :
/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/testHub/hubRouteTables/testRouteT
able
ProvisioningState : Succeeded
Labels           : {testLabel}
Routes           : [
  {
    "Name": "private-traffic",
    "DestinationType": "CIDR",
    "Destinations": [
      "10.30.0.0/16",
      "10.40.0.0/16"
    ],
    "NextHopType": "ResourceId",
    "NextHop":
"/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/azureFirewalls/testFirewall"
  }
]
AssociatedConnections : []
PropagatingConnections : []

```

This command gets the hub route table of the virtual hub.

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

```
$rgName = "testRg"
```

```
$virtualHubName = "testHub"
```

```
Get-AzVHubRouteTable -ResourceGroupName $rgName -VirtualHubName $virtualHubName
```

```
Name          : defaultRouteTable
```

```
Id                                                     :
```

```
/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/testHub/hubRouteTables/defaultRouteTable
```

```
ProvisioningState : Succeeded
```

```
Labels           : {testLabel}
```

```
Routes           : []
```

```
AssociatedConnections : []
```

```
PropagatingConnections : []
```

```
Name          : noneRouteTable
```

```
Id                                                     :
```

```
/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/testHub/hubRouteTables/noneRouteTable
```

```
ProvisioningState : Succeeded
```

```
Labels           : {testLabel}
```

```
Routes           : []
```

```
AssociatedConnections : []
```

```
PropagatingConnections : []
```

This command lists all the hub route tables in the specified VirtualHub.

RELATED LINKS

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

New-AzVHubRoute

New-AzVHubRouteTable

Update-AzVHubRouteTable

Remove-AzVHubRouteTable