



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

PS:\>Get-HELP New-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

New-AzVHubRouteTable

SYNOPSIS

Creates a hub route table resource associated with a VirtualHub.

SYNTAX

```
New-AzVHubRouteTable [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Label  
<System.String[]>  
-Name <System.String> -ParentObject <Microsoft.Azure.Commands.Network.Models.PSVirtualHub> -Route  
<Microsoft.Azure.Commands.Network.Models.PSVHubRoute[]> [-Confirm]  
[-WhatIf] [<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Label
<System.String[]>
    -Name <System.String> -ParentResourceId <System.String> -Route
<Microsoft.Azure.Commands.Network.Models.PSVHubRoute[]> [-Confirm] [-WhatIf] [<CommonParameters>]
    New-AzVHubRouteTable [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Label
<System.String[]>
    -Name <System.String> -ParentResourceName <System.String> -ResourceGroupName <System.String> -Route
<Microsoft.Azure.Commands.Network.Models.PSVHubRoute[]> [-Confirm]
    [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Creates the specified route table that is associated with the specified virtual hub with the provided routes and the labels.

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

-Label <System.String[]>

The list of labels.

Required? true

Position? named

Default value None

Accept pipeline input? False

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

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

The parent virtual hub object of this resource.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ParentResourceId <System.String>

The resource id of the virtual hub resource.

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

-ResourceGroupName <System.String>

The resource group name.

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

-Route <Microsoft.Azure.Commands.Network.Models.PSVHubRoute[]>

The list of routes for this route table.

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.PSVHubRouteTable

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)"
```

```

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 creates a hub route table of the virtual hub.

RELATED LINKS

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

Get-AzVHubRouteTable

New-AzVHubRoute

Remove-AzVHubRouteTable

Update-AzVHubRouteTable

