



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzRoutingConfiguration'***

***PS: \>Get-HELP New-AzRoutingConfiguration -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-AzRoutingConfiguration

### **SYNOPSIS**

Creates a RoutingConfiguration object.

### **SYNTAX**

```
New-AzRoutingConfiguration -AssociatedRouteTable <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Id <System.String[]>
[-InboundRouteMap <System.String>] -Label
    <System.String[]> [-OutboundRouteMap <System.String>] [-StaticRoute
    <Microsoft.Azure.Commands.Network.Models.PSStaticRoute[]>] [-VnetLocalRouteOverrideCriteria
    <System.String>] [<CommonParameters>]
```

## DESCRIPTION

Creates a RoutingConfiguration object.

## PARAMETERS

-AssociatedRouteTable <System.String>

The hub route table associated with this routing configuration.

Required? true

Position? named

Default value None

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

-Id <System.String[]>

The list of resource ids of all the hub route tables to advertise the routes to for the PropagatedRouteTables property.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InboundRouteMap <System.String>

The inbound route maps of this routing configuration.

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

-Label <System.String[]>

The list of labels for the PropagatedRouteTables property.

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

-OutboundRouteMap <System.String>

The outbound route maps of this routing configuration.

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

-StaticRoute <Microsoft.Azure.Commands.Network.Models.PSStaticRoute[]>

List of routes that control routing from VirtualHub into a virtual network connection.

|                        |       |
|------------------------|-------|
| Required?              | false |
| Position?              | named |
| Default value          | None  |
| Accept pipeline input? | False |

Accept wildcard characters? false

-VnetLocalRouteOverrideCriteria <System.String>

Should we bypass NVA for destinations in spoke vnet? 'Contains' for no, 'Equal' for yes. Default is 'Contains'.

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

System.String

Microsoft.Azure.Commands.Network.Models.PSStaticRoute

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration

## NOTES

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

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

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

```
$inboundRouteMap =
```

```
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/  
testHub/routeMaps/testRouteMap"
```

```
$rt1 = Get-AzVHubRouteTable -ResourceGroupName $rgName -VirtualHubName $virtualHubName -Name  
"defaultRouteTable"
```

```
$rt2 = Get-AzVHubRouteTable -ResourceGroupName $rgName -VirtualHubName $virtualHubName -Name  
"noneRouteTable"
```

```
$route1 = New-AzStaticRoute -Name "route1" -AddressPrefix @"(10.20.0.0/16", "10.30.0.0/16")-NextHopIpAddress  
"10.90.0.5"
```

```
New-AzRoutingConfiguration -AssociatedRouteTable $rt1.Id -Label @"(testLabel)" -Id @($rt2.Id) -StaticRoute @($route1)  
-InboundRouteMap $inboundRouteMap
```

AssociatedRouteTable :

```
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/  
testHub/hubRouteTables/defaultRouteTable"
```

```
PropagatedRouteTables : {
```

```
  "Labels": [
```

```
    "testLabel"
```

```
  ],
```

```
  "Ids": [
```

```
    {
```

```
      "Id":
```

```
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/  
testHub/hubRouteTables/noneRouteTable"
```

```
  }
```

```

    },
    "InboundRouteMap":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/
testHub/routeMaps/testRouteMap"

    }
VnetRoutes      : {
    "StaticRoutes": [
    {
        "Name": "route1",
        "AddressPrefixes": [
            "10.20.0.0/16",
            "10.30.0.0/16"
        ],
        "NextHopIpAddress": "10.90.0.5"
    }
    ]
}

```

The above command will create a RoutingConfiguration object which can then be added to a connection resource. Static routes are only allowed with a HubVirtualNetworkConnection object.

## RELATED LINKS

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

New-AzStaticRoute

New-AzExpressRouteConnection

Set-AzExpressRouteConnection

New-AzVirtualHubVnetConnection

Update-AzVirtualHubVnetConnection

New-AzP2sVpnGateway

Update-AzP2sVpnGateway

New-AzVpnConnection

Update-AzVpnConnection