



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

PS:\>Get-HELP New-AzRouteConfig -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-AzRouteConfig

SYNOPSIS

Creates a route for a route table.

SYNTAX

```
New-AzRouteConfig [-AddressPrefix <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>] [-NextHopIpAddress <System.String>] [-NextHopType <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The New-AzRouteConfig cmdlet creates a route for an Azure route table.

PARAMETERS

-AddressPrefix <System.String>

Specifies the destination, in Classless Interdomain Routing (CIDR) format, to which the route applies. You can also specify a Service Tag here (this feature is in Public Preview).

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Name <System.String>

Specifies a name for the route.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-NextHopIpAddress <System.String>

Specifies the IP address of a virtual appliance that you add to your Azure virtual network. This route forwards packets to that address. Specify this parameter

only if you specify a value of VirtualAppliance for the NextHopType parameter.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NextHopType <System.String>

Specifies how this route forwards packets. The acceptable values for this parameter are: - Internet. The default Internet gateway provided by Azure. - None. If

you specify this value, the route does not forward packets. - VirtualAppliance. A virtual appliance that you add to your Azure virtual network. -

VirtualNetworkGateway. An Azure server-to-server virtual private network gateway. - VnetLocal. The local virtual network. If you have two subnets, 10.1.0.0/16

and 10.2.0.0/16 in the same virtual network, select a value of VnetLocal for each subnet to forward to the other subnet.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRoute

NOTES

----- Example 1: Create a route -----

```
$Route = New-AzRouteConfig -Name "Route07" -AddressPrefix 10.1.0.0/16 -NextHopType "VnetLocal"
```

```
$Route
```

```
Name      : Route07
```

```
Id        :
```

```
Etag      :
```

```
ProvisioningState :
```

```
AddressPrefix  : 10.1.0.0/16
```

```
NextHopType    : VnetLocal
```

```
NextHopIpAddress :
```

The first command creates a route named Route07, and then stores it in the \$Route variable. This route forwards packets to the local virtual network. The second command displays the properties of the route.

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

```
New-AzRouteConfig -AddressPrefix 10.1.0.0/16 -Name 'Route07' -NextHopIpAddress '12.0.0.5' -NextHopType 'VnetLocal'
```

----- Example 3: Create a route with a Service Tag -----

```
New-AzRouteConfig -Name "Route07" -AddressPrefix "AppService" -NextHopType "VirtualAppliance" -NextHopIpAddress "10.0.2.4"
```

This command creates a route named Route07 which forwards traffic to IP prefixes contained in the AppService Service Tag to a virtual appliance.

RELATED LINKS

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

Add-AzRouteConfig

Get-AzRouteConfig

Remove-AzRouteConfig

Set-AzRouteConfig