



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

PS:\>Get-HELP Set-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

Set-AzRouteConfig

SYNOPSIS

Updates a route configuration for a route table.

SYNTAX

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

DESCRIPTION

The Set-AzRouteConfig cmdlet updates a route configuration for a 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 the name of the route that this cmdlet modifies.

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 Azureserver-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

-RouteTable <Microsoft.Azure.Commands.Network.Models.PSRouteTable>

Specifies the route table with which this route is associated.

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

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.PSRouteTable

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRouteTable

NOTES

----- Example 1: Modify a route -----

```
Get-AzRouteTable -ResourceGroupName "ResourceGroup11" -Name "RouteTable01" | Set-AzRouteConfig -Name  
"Route02" -AddressPrefix 10.4.0.0/16 -NextHopType VnetLocal |
```

```
Set-AzRouteTable
```

Name : Routetable01

ResourceGroupName : ResourceGroup11

Location : eastus

Id : /subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/routeTables/RouteTable01

Etag : W/"58c2922e-9efe-4554-a457-956ef44bc718"

ProvisioningState : Succeeded

Tags :

Routes : [

{

"Name": "Route07",

"Etag": "W/"58c2922e-9efe-4554-a457-956ef44bc718\"",

"Id": "/subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/routeTables/Routetable01/routes/Route07",

"AddressPrefix": "10.1.0.0/16",

"NextHopType": "VnetLocal",

```

        "NextHopIpAddress": null,
        "ProvisioningState": "Succeeded"
    },
    {
        "Name": "route02",
        "Etag": "W/\"58c2922e-9efe-4554-a457-956ef44bc718\"",
        "Id": "/subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Micro
soft.Network/routeTables/routetable01/routes/route02",
        "AddressPrefix": "10.4.0.0/16",
        "NextHopType": "VnetLocal",
        "NextHopIpAddress": null,
        "ProvisioningState": "Succeeded"
    }
]
Subnets      : []

```

This command gets the route table named RouteTable01 by using the Get-AzRouteTable cmdlet. The command passes that table to the current cmdlet by using the pipeline

operator. The current cmdlet modifies the route named Route02, and then passes the result to the Set-AzRouteTable cmdlet, which updates the table to reflect your changes.

Example 2: Modify a route using a Service Tag (Public Preview)

```
Set-AzRouteConfig -Name "Route02" -AddressPrefix "AppService" -NextHopType "VirtualAppliance" -NextHopIpAddress "10.0.2.4"
```

This command modifies the route named Route02, supplying a Service Tag as the AddressPrefix parameter.

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

Add-AzRouteConfig

Get-AzRouteConfig

New-AzRouteConfig

Remove-AzRouteConfig