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

PS:\>Get-HELP Set-AzRouteTable -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-AzRouteTable

SYNOPSIS

Updates a route table.

SYNTAX

Set-AzRouteTable [-AsJob] [-DefaultProfile

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

<Microsoft.Azure.Commands.Network.Models.PSRouteTable> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-AzRouteTable cmdlet updates a route table.

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

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

Specifies a route table object representing the state to which the route table should be set.

Required? true

Position? named

Default value None

Accept pipeline input? True (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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSRouteTable

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRouteTable

NOTES

Example 1: Update a route table by adding route configuration to it

```
Get-AzRouteTable -ResourceGroupName "ResourceGroup11" -Name "RouteTable01" | Add-AzRouteConfig -Name "Route07" -AddressPrefix 10.2.0.0/16 -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/"f13e1bc8-d41f-44d0-882d-b8b5a1134f59"
```

```
ProvisioningState : Succeeded
```

```
Tags :
```

```
Routes : [
```

```
{
```

```
"Name": "Route07",
```

```
"Etag": "W/"f13e1bc8-d41f-44d0-882d-b8b5a1134f59\"",
```

```
"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": "Route07",
```

```
"Etag": "W/"f13e1bc8-d41f-44d0-882d-b8b5a1134f59\"",
```

```
"Id": "/subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/RouteTables/RouteTable01/routes/Route07",
```

```
"AddressPrefix": "10.2.0.0/16",
```

```

    "NextHopType": "VnetLocal",
    "NextHopIpAddress": null,
    "ProvisioningState": "Succeeded"
  },
  {
    "Name": "Route13",
    "Etag": null,
    "Id": null,
    "AddressPrefix": "10.3.0.0/16",
    "NextHopType": "VnetLocal",
    "NextHopIpAddress": null,
    "ProvisioningState": null
  }
]
Subnets      : []

```

This command gets the route table named RouteTable01 by using Get-AzRouteTable cmdlet. The command passes that table to the Add-AzRouteConfig cmdlet by using the pipeline operator. Add-AzRouteConfig adds the route named Route07, and then passes the result to the current cmdlet, which updates the table to reflect your changes.

----- Example 2: Modify route table -----

```
$rt = Get-AzRouteTable -ResourceGroupName "rgName" -Name "rtName"
```

```
$rt.DisableBgpRoutePropagation
```

```
False
```

```
$rt.DisableBgpRoutePropagation = $true
```

```
Set-AzRouteTable -RouteTable $rt
```

```
$rt = Get-AzRouteTable -ResourceGroupName "rgName" -Name "rtName"
```

```
$rt.DisableBgpRoutePropagation
```

True

The first command gets the route table named `rtName` and stores it in the `$rt` variable. The second command displays the value of `DisableBgpRoutePropagation`. The third

command updates value of `DisableBgpRoutePropagation`. The fourth command updates route table on the server. The fifth command gets updated route table and stores it in

the `$rt` variable. The sixth command displays the value of `DisableBgpRoutePropagation`.

RELATED LINKS

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

[Add-AzRouteConfig](#)

[Get-AzRouteTable](#)

[New-AzRouteTable](#)

[Remove-AzRouteTable](#)