



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

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

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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

Get-AzRouteTable

SYNOPSIS

Gets route tables.

SYNTAX

```

Get-AzRouteTable [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ExpandResource
<System.String> -Name
<System.String> -ResourceGroupName <System.String> [<CommonParameters>]
```

```

Get-AzRouteTable [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
```

`[-ResourceGroupName <System.String>] [<CommonParameters>]`

DESCRIPTION

The `Get-AzRouteTable` cmdlet gets Azure route tables. You can get a single route table, or get all the route tables in a resource group or in your subscription.

PARAMETERS

`-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

`-ExpandResource <System.String>`

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-Name <System.String>`

Specifies the name of the route table that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

Specifies the name of the resource group that contains the route tables that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

<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.PSRouteTable

NOTES

----- Example 1: Get a route table -----

```
Get-AzRouteTable -ResourceGroupName "ResourceGroup11" -Name "RouteTable01"
```

```
Name           : routetable01
ResourceGroupName : ResourceGroup11
Location        : eastus
Id              : /subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/routeTables/routetable01
Etag            : W/"db5f4e12-3f34-465b-92dd-0ab3bf6fc274"
ProvisioningState : Succeeded
Tags            :
Routes          : [
  {
    "Name": "route07",
    "Etag": "W/"db5f4e12-3f34-465b-92dd-0ab3bf6fc274\"",
    "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"
  }
]
Subnets        : []
```

This command gets the route table named RouteTable01 in the resource group named ResourceGroup11.

----- Example 2: List route tables using filtering -----

```
Get-AzRouteTable -Name RouteTable*
```

Name : routetable01

ResourceGroupName : ResourceGroup11

Location : eastus

Id : /subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/routeTables/routetable01

Etag : W/"db5f4e12-3f34-465b-92dd-0ab3bf6fc274"

ProvisioningState : Succeeded

Tags :

Routes : [
 {
 "Name": "route07",
 "Etag": "W/"db5f4e12-3f34-465b-92dd-0ab3bf6fc274\"",
 "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"
 }
]

Subnets : []

Name : routetable02

ResourceGroupName : ResourceGroup11

Location : eastus

Id : /subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Microsoft.Network/routeTables/routetable02

Etag : W/"db5f4e12-3f34-465b-92dd-0ab3bf6fc274"

ProvisioningState : Succeeded

Tags :

Routes : [
 {
 "Name": "route07",

```
"Etag": "W/\"db5f4e12-3f34-465b-92dd-0ab3bf6fc274\""",
"Id": "/subscriptions/xxxx-xxxx-xxxx-xxxx/resourceGroups/ResourceGroup11/providers/Micro
soft.Network/routeTables/routetable02/routes/route07",
"AddressPrefix": "10.1.0.0/16",
"NextHopType": "VnetLocal",
"NextHopIpAddress": null,
"ProvisioningState": "Succeeded"
}
]
Subnets      : []
```

This command gets all route tables whose name starts with "RouteTable"

RELATED LINKS

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

New-AzRouteTable

Remove-AzRouteTable

Set-AzRouteTable