



Windows PowerShell Get-Help on Cmdlet 'Update-AzRouteMap'

PS:\>Get-HELP Update-AzRouteMap -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

Update-AzRouteMap

SYNOPSIS

Update a route map of a VirtualHub.

SYNTAX

```

Update-AzRouteMap [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-InputObject
<Microsoft.Azure.Commands.Network.Models.PSRouteMap>] [-RouteMapRule
<Microsoft.Azure.Commands.Network.Models.PSRouteMapRule[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzRouteMap [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

```

```

<System.String>]

                                [-ResourceGroupName          <System.String>]                                [-RouteMapRule
<Microsoft.Azure.Commands.Network.Models.PSRouteMapRule[]>] [-VirtualHubName <System.String>] [-Confirm] [-WhatIf]

                                [-<CommonParameters>]

                                Update-AzRouteMap              [-AsJob]                                [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]                                [-Name
<System.String>]

                                [-RouteMapRule    <Microsoft.Azure.Commands.Network.Models.PSRouteMapRule[]>]    [-VirtualHubObject
<Microsoft.Azure.Commands.Network.Models.PSVirtualHub>] [-Confirm]

                                [-WhatIf] [-<CommonParameters>]

                                Update-AzRouteMap              [-AsJob]                                [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]                                [-ResourceId
<System.String>]

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

```

DESCRIPTION

Update a route map of a VirtualHub.

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

-InputObject <Microsoft.Azure.Commands.Network.Models.PSRouteMap>

The route map object.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

The route map name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? false

Position? named

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceId <System.String>

The Route Map Resource Id.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-RouteMapRule <Microsoft.Azure.Commands.Network.Models.PSRouteMapRule[]>

List of route map rules in the route map.

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

-VirtualHubName <System.String>

The Virtual Hub name.

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

-VirtualHubObject <Microsoft.Azure.Commands.Network.Models.PSVirtualHub>

The Virtual Hub Object.

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRouteMap

NOTES

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

```
New-AzVirtualWan -ResourceGroupName "testRg" -Name "testWan" -Location "westcentralus" -VirtualWanType
"Standard" -AllowVnetToVnetTraffic -AllowBranchToBranchTraffic
```

```
$virtualWan = Get-AzVirtualWan -ResourceGroupName "testRg" -Name "testWan"
```

```
New-AzVirtualHub -ResourceGroupName "testRg" -Name "testHub" -Location "westcentralus" -AddressPrefix
"10.0.0.0/16" -VirtualWan $virtualWan
```

```
$virtualHub = Get-AzVirtualHub -ResourceGroupName "testRg" -Name "testHub"
```

```
# creating new route map rules and a new route map resource and new routing configuration
```

```
$routeMapMatchCriterion1 = New-AzRouteMapRuleCriterion -MatchCondition "Contains" -RoutePrefix @"("10.0.0.0/16")
```

```
$routeMapActionParameter1 = New-AzRouteMapRuleActionParameter -AsPath @"("12345")
```

```
$routeMapAction1 = New-AzRouteMapRuleAction -Type "Add" -Parameter @($routeMapActionParameter1)
```

```
$routeMapRule1 = New-AzRouteMapRule -Name "rule1" -MatchCriteria @($routeMapMatchCriterion1)
-RouteMapRuleAction @($routeMapAction1) -NextStepIfMatched "Continue"
```

```
$routeMapMatchCriterion2 = New-AzRouteMapRuleCriterion -MatchCondition "Equals" -AsPath @"("12345")
```

```
$routeMapAction2 = New-AzRouteMapRuleAction -Type "Drop"
```

```
    $routeMapRule2 = New-AzRouteMapRule -Name "rule2" -MatchCriteria @($routeMapMatchCriterion2)  
-RouteMapRuleAction @($routeMapAction2) -NextStepIfMatched "Terminate"
```

```
New-AzRouteMap -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRouteMap" -RouteMapRule  
@($routeMapRule1, $routeMapRule2)
```

```
Update-AzRouteMap -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRouteMap" -RouteMapRule  
@($routeMapRule2)
```

```
Name          : testRouteMap
```

```
Id             :
```

```
/subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/routemap0419/providers/Microsoft.Network/virtual  
Hubs/westcentralus_hub1/routeMaps/tes
```

```
    tRouteMap
```

```
ProvisioningState : Succeeded
```

```
RouteMapRules     : [
```

```
{
```

```
  "MatchCriteria": [
```

```
{
```

```
  "MatchCondition": "Equals",
```

```
  "RoutePrefix": [],
```

```
  "Community": [],
```

```
  "AsPath": [
```

```
    "12345"
```

```
  ]
```

```
}
```

```
],
```

```
"Actions": [
```

```
{
```

```
  "Type": "Drop",
```

```
  "Parameters": []
```

```
    }  
  ],  
  "NextStepIfMatched": "Terminate",  
  "Name": "rule2"  
}  
]
```

AssociatedInboundConnections : []

AssociatedOutboundConnections : []

RELATED LINKS

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

New-AzRouteMap

New-AzRouteMapRule

Get-AzRouteMap

Remove-AzRouteMap