



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

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

SYNOPSIS

Updates a routing intent resource associated with a VirtualHub.

SYNTAX

```

Set-AzRoutingIntent [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
<Microsoft.Azure.Commands.Network.Models.PSRoutingIntent> [-RoutingPolicy
<Microsoft.Azure.Commands.Network.Models.PSRoutingPolicy[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

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

```

```

-ParentResourceName    <System.String>    -ResourceGroupName    <System.String>    [-RoutingPolicy
<Microsoft.Azure.Commands.Network.Models.PSRoutingPolicy[]>] [-Confirm]
[-WhatIf] [<CommonParameters>]

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

-ParentObject    <Microsoft.Azure.Commands.Network.Models.PSVirtualHub>    [-RoutingPolicy
<Microsoft.Azure.Commands.Network.Models.PSRoutingPolicy[]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

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

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

```

DESCRIPTION

Updates the specified routing intent that is associated with the specified virtual hub. If a list of routing policies is provided, these will overwrite the existing policies on the current routing intent resource.

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.PSRoutingIntent>

The RoutingIntent resource to Set.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

The resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The parent virtual hub object of this resource.

Required? true

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

-ParentResourceName <System.String>

The parent resource name.

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

-ResourceGroupName <System.String>

The resource group name.

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

-ResourceId <System.String>

The resource id of the RoutingIntent resource to Set.

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

-RoutingPolicy <Microsoft.Azure.Commands.Network.Models.PSRoutingPolicy[]>

The list of RoutingPolicies to update in this routing intent reesource.

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>).

Microsoft.Azure.Commands.Network.Models.PSVirtualHub

Microsoft.Azure.Commands.Network.Models.PSRoutingIntent

Microsoft.Azure.Commands.Network.Models.PSRoutingPolicy

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRoutingIntent

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"
```

```
$fwlp = New-AzFirewallHubPublicIpAddress -Count 1
```

```
$hubIpAddresses = New-AzFirewallHubIpAddress -PublicIP $fwlp
```

```
New-AzFirewall -Name "testFirewall" -ResourceGroupName "testRg" -Location "westcentralus" -Sku AZFW_Hub  
-VirtualHubId $virtualHub.Id -HubIpAddress $hubIpAddresses
```

```
$firewall = Get-AzFirewall -Name "testFirewall" -ResourceGroupName "testRg"
```

```
$policy1 = New-AzRoutingPolicy -Name "PrivateTraffic" -Destination @("PrivateTraffic") -NextHop $firewall.Id
```

```
New-AzRoutingIntent -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRoutingIntent"  
-RoutingPolicy @($policy1)
```

```
$policy2 = New-AzRoutingPolicy -Name "PublicTraffic" -Destination @("Internet") -NextHop $firewall.Id
```

```
Set-AzRoutingIntent -ResourceGroupName "testRg" -VirtualHubName "testHub" -Name "testRoutingIntent"  
-RoutingPolicy @($policy2)
```

```
ProvisioningState : Succeeded
```

```
RoutingPolicies : {PublicTraffic}
```

```
RoutingPoliciesText : [
```

```
{  
  "Name": "PublicTraffic",  
  "DestinationType": "TrafficType",  
  "Destinations": [  
    "Internet"  
  ],  
  "NextHopType": "ResourceId",
```

```
"NextHop":
```

```
"/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/azureFirewalls/testFirewall"
```

```
}
```

```
]
```

```
Name : testRoutingIntent
```

```
Etag : W/"etag"
```

```
Id
```

```
:
```

```
/subscriptions/testSub/resourceGroups/testRg/providers/Microsoft.Network/virtualHubs/testHub/routingIntent/testRoutingInte
```

nt

This command deletes the hub RoutingPolicy table of the virtual hub.

RELATED LINKS

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

Add-AzRoutingPolicy

Get-AzRoutingIntent

Get-AzRoutingPolicy

New-AzRoutingPolicy

Remove-AzRoutingIntent

Remove-AzRoutingPolicy

Set-AzRoutingPolicy