



Windows PowerShell Get-Help on Cmdlet 'Add-AzIotHubRoute'

PS:\>Get-HELP Add-AzIotHubRoute -Full

NAME

Add-AzIotHubRoute

SYNOPSIS

Create a route in IoT Hub

SYNTAX

```
Add-AzIotHubRoute [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub> [-RouteName]
<System.String> [-Condition <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Enabled] -EndpointName <System.String> -Source {Invalid
| DeviceMessages | TwinChangeEvents | DeviceLifecycleEvents | DeviceJobLifecycleEvents | DigitalTwinChangeEvents}
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Add-AzIotHubRoute [-ResourceGroupName] <System.String> [-Name] <System.String> [-RouteName] <System.String>
[-Condition <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Enabled]
-EndpointName <System.String> -Source {Invalid | DeviceMessages
| TwinChangeEvents | DeviceLifecycleEvents | DeviceJobLifecycleEvents | DigitalTwinChangeEvents} [-Confirm] [-WhatIf]
```

[<CommonParameters>]

Add-AzIotHubRoute [-ResourceId] <System.String> [-RouteName] <System.String> [-Condition <System.String>]
[-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Enabled]
-EndpointName <System.String> -Source {Invalid | DeviceMessages
 | TwinChangeEvents | DeviceLifecycleEvents | DeviceJobLifecycleEvents | DigitalTwinChangeEvents} [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

Create a route to send specific data source and condition to a desired endpoint.

PARAMETERS

-Condition <System.String>

Condition that is evaluated to apply the routing rule

Required? false

Position? named

Default value None

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

-Enabled <System.Management.Automation.SwitchParameter>

Enable route

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EndpointName <System.String>

Name of the routing endpoint

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>

IotHub Object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Name of the Iot Hub

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Name of the Resource Group

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

IoT Hub Resource Id

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RouteName <System.String>

Name of the Route

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Source <Microsoft.Azure.Commands.Management.IoTHub.Models.PSRoutingSource>

Source of the route

Required? true
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

Microsoft.Azure.Commands.Management.IotHub.Models.PSlotHub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IoTHub.Models.PSRouteMetadata

NOTES

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

```
Add-AzIoTHubRoute -ResourceGroupName "myresourcegroup" -Name "myiothub" -RouteName R1 -Source  
DeviceMessages -EndpointName E1
```

RouteName : R1

DataSource : DeviceMessages

EndpointNames : E1

Condition :

IsEnabled : False

Create a new route "R1".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.iothub/add-aziothubroute>

