



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

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

NAME

Add-AzIotHubRoutingEndpoint

SYNOPSIS

Add an endpoint to your IoT Hub

SYNTAX

```
Add-AzIotHubRoutingEndpoint [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>
[-EndpointName] <System.String> -ConnectionString
                                     <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-EndpointResourceGroup <System.String>
    -EndpointSubscriptionId <System.String> -EndpointType {EventHub | ServiceBusQueue | ServiceBusTopic |
AzureStorageContainer} -ContainerName <System.String> [-Encoding
{JSON | AVRO}] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Add-AzIotHubRoutingEndpoint [-ResourceGroupName] <System.String> [-EndpointName] <System.String> [-Name]
<System.String> -ConnectionString <System.String>
    [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

```

-EndpointResourceGroup <System.String>
    -EndpointSubscriptionId <System.String> -EndpointType {EventHub | ServiceBusQueue | ServiceBusTopic |
AzureStorageContainer} -ContainerName <System.String> [-Encoding
{JSON | AVRO}] [-Confirm] [-WhatIf] [<CommonParameters>]

Add-AzIotHubRoutingEndpoint [-ResourceId] <System.String> [-EndpointName] <System.String> -ConnectionString
<System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-EndpointResourceGroup <System.String> -EndpointSubscriptionId
<System.String> -EndpointType {EventHub | ServiceBusQueue | ServiceBusTopic | AzureStorageContainer}
-ContainerName <System.String> [-Encoding {JSON | AVRO}]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Add a new endpoint in your IoT Hub. To learn about the endpoints that are supported, see <https://learn.microsoft.com/azure/iot-hub/iot-hub-devguide-endpoints>

PARAMETERS

```

-ConnectionString <System.String>

Connection string of the Routing Endpoint

```

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

-EndpointName <System.String>

Name of the Routing Endpoint

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-EndpointResourceGroup <System.String>

Resource group of the Endpoint resource

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

-EndpointSubscriptionId <System.String>

SubscriptionId of the Endpoint resource

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

-EndpointType <Microsoft.Azure.Commands.Management.IotHub.Models.PSEndpointType>

Type of the Routing Endpoint

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

-ContainerName <System.String>

Name of the storage container

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

-Encoding <System.String>

Select the format in which you want to route your data in. You can select JSON or AVRO. The default is set to AVRO.

Required? false
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

-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>).

INPUTS

Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IotHub.Models.PSRoutingEventHubEndpoint

Microsoft.Azure.Commands.Management.IotHub.Models.PSRoutingServiceBusTopicEndpoint

Microsoft.Azure.Commands.Management.IotHub.Models.PSRoutingStorageContainerEndpoint

NOTES

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

```
Add-AzIotHubRoutingEndpoint -ResourceGroupName "myresourcegroup" -Name "myiothub" -EndpointName E2
-EndpointType EventHub -EndpointResourceGroup resourcegroup1
-EndpointSubscriptionId 91d12343-a3de-345d-b2ea-135792468abc -ConnectionString
```

```
'Endpoint=sb://myeventhub1.servicebus.windows.net/;SharedAccessKeyName=access1;SharedAccessKey=*****=;EntityPath=event11'
```

ResourceGroupName : resourcegroup1

SubscriptionId : 91d12343-a3de-345d-b2ea-135792468abc

EndpointName : E2

ConnectionString :

```
Endpoint=sb://myeventhub1.servicebus.windows.net:5671/;SharedAccessKeyName=iothubroutes_myeventhub1;SharedAccessKey=***;EntityPath=event1
```

Add a new endpoint "E2" of type EventHub to an "myiothub" IoT Hub.

----- Example 2 -----

```
Add-AzIotHubRoutingEndpoint -ResourceGroupName "myresourcegroup" -Name "myiothub" -EndpointName S1
-EndpointType AzureStorageContainer -EndpointResourceGroup
resourcegroup1 -EndpointSubscriptionId 91d12343-a3de-345d-b2ea-135792468abc -ConnectionString
'DefaultEndpointsProtocol=https;AccountName=mystorage1;AccountKey=*****;EndpointSuffix=core.windows.net'
-ContainerName container -Encoding json
```

```
ResourceGroupName      : resourcegroup1
SubscriptionId         : 91d12343-a3de-345d-b2ea-135792468abc
EndpointName          : S1
ContainerName          : container
                        ConnectionString
DefaultEndpointsProtocol=https;EndpointSuffix=core.windows.net;AccountName=mystorage1;AccountKey=****
FileNameFormat         : {iothub}/{partition}/{YYYY}/{MM}/{DD}/{HH}/{mm}
BatchFrequencyInSeconds : 300
MaxChunkSizeInBytes    : 314572800
Encoding               : json
```

Add a new endpoint "S1" of type AzureStorageContainer to an "myiothub" IoT Hub.

RELATED LINKS

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