



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

PS:\>Get-HELP Set-AzIotHubEdgeModule -Full

NAME

Set-AzIotHubEdgeModule

SYNOPSIS

Set edge modules on a single edge device.

SYNTAX

```
Set-AzIotHubEdgeModule [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DeviceId
<System.String> -ModulesContent <System.Collections.Hashtable>
    [-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzIotHubEdgeModule [-ResourceGroupName] <System.String> [-IotHubName] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DeviceId
<System.String> -ModulesContent <System.Collections.Hashtable>
    [-Confirm] [-WhatIf] [<CommonParameters>]
```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-DeviceId <System.String> -ModulesContent <System.Collections.Hashtable> [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

Applies the provided modules configuration content to the specified edge device. Note: Upon execution the command will output the collection of modules applied to the device.

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

-DeviceId <System.String>

Target Edge Device Id.

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

-IoTHubName <System.String>

Name of the IoT Hub

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

-ModulesContent <System.Collections.Hashtable>

Configuration content of modules for IoT Edge devices.

Required? true
Position? named
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.PSModules[]

NOTES

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

```
$content = Get-Content "C:/Edge/modules.json" | ConvertFrom-Json -AsHashtable
```

```
Set-AzIotHubEdgeModule -ResourceGroupName "myresourcegroup" -IotHubName "myiothub" -DeviceId  
"myEdgeDevice1" -ModulesContent $content
```

Test edge modules while in development by setting modules on a target device.

RELATED LINKS

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