



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzIotHubModuleMethod'

PS:\>Get-HELP Invoke-AzIotHubModuleMethod -Full

NAME

Invoke-AzIotHubModuleMethod

SYNOPSIS

Invoke an Edge module method.

SYNTAX

```
Invoke-AzIotHubModuleMethod [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>
[-DeviceId] <System.String> [-ModuleId] <System.String>
                                [-ConnectionTimeOut <System.Int32>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>
```

```
[-Payload <System.String>] [-ResponseTimeOut <System.Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Invoke-AzIotHubModuleMethod [-ResourceGroupName] <System.String> [-DeviceId] <System.String> [-IotHubName]
<System.String> [-ModuleId] <System.String>
                                [-ConnectionTimeOut <System.Int32>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>
```

[-Payload <System.String>] [-ResponseTimeOut <System.Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzIotHubModuleMethod [-ResourceId] <System.String> [-DeviceId] <System.String> [-ModuleId] <System.String>
[-ConnectionTimeOut <System.Int32>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> [-Payload <System.String>] [-ResponseTimeOut
 <System.Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Invoke an Edge module method. See <https://learn.microsoft.com/azure/iot-hub/iot-hub-devguide-direct-methods> for more information.

PARAMETERS

-ConnectionTimeOut <System.Int32>

Number of seconds to wait until a connection is successfully made. Default is 10.

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

-DeviceId <System.String>

Target Device Id.

Required? true

Position? 1

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

-ModuleId <System.String>

Target device's module id.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The name of the method to invoke on this device module.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Payload <System.String>

The payload for the method to invoke on this device module.

Required? false

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

-ResponseTimeOut <System.Int32>

Number of seconds to wait until a result is received from the direct method. Default is 10.

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

Microsoft.Azure.Commands.Management.IoTHub.Models.PSIotHub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IoTHub.Models.PSCloudToDeviceMethodResult

NOTES

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

```
Invoke-AzIoTHubModuleMethod -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId  
"myDevice1" -ModuleId "myModule1" -Name "methodName" -Payload  
"method-input" -ResponseTimeOut 20 -ConnectionTimeOut 15
```

Invoke an Edge module method.

RELATED LINKS

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