



Windows PowerShell Get-Help on Cmdlet 'Get-AzIotHubModuleConnectionString'

PS:\>Get-HELP Get-AzIotHubModuleConnectionString -Full

NAME

Get-AzIotHubModuleConnectionString

SYNOPSIS

Get the connection string of a target IoT device module in an IoT Hub.

SYNTAX

```
Get-AzIotHubModuleConnectionString [-InputObject]

<Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub> [-DeviceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-KeyType {primary |
secondary}] [-ModuleId <System.String>]
[<CommonParameters>]
```

```
Get-AzIotHubModuleConnectionString [-ResourceGroupName] <System.String> [-DeviceId] <System.String>
[-IotHubName] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-KeyType {primary |
secondary}] [-ModuleId <System.String>]
[<CommonParameters>]
```

```
Get-AzIotHubModuleConnectionString [-ResourceId] <System.String> [-DeviceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-KeyType {primary |
secondary}] [-ModuleId <System.String>]
[<CommonParameters>]
```

DESCRIPTION

List connection string of all modules or a specified module of a target IoT device contained within an Azure IoT Hub.

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 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

-lotHubName <System.String>

Name of the lot Hub

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

-KeyType <Microsoft.Azure.Commands.Management.lotHub.Models.PSKeyType>

Shared access policy key type for auth.

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

-ModuleId <System.String>

Target Module Id.

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

<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.IoT.Hub.Models.PSIoTHub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IoT.Hub.Models.PSModuleConnectionString

NOTES

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

```
Get-AzIoTModuleConnectionString -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId  
"myDevice1"
```

Module Id Connection String

module1

```
HostName=myiothub.azure-devices.net;DeviceId=myDevice1;ModuleId=module1;SharedAccessKey=/X4yj*****
```

```
module2 HostName=myiothub.azure-devices.net;DeviceId=myDevice1;ModuleId=module2;x509=true
```

Show all modules connection string of a target IoT device in an IoT Hub.

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

```
Get-AzIoTModuleConnectionString -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId  
"myDevice1" -ModuleId "module1" -KeyType secondary
```

Module Id Connection String

module1

```
HostName=myiothub.azure-devices.net;DeviceId=myDevice1;ModuleId=module1;SharedAccessKey=/X4yj*****
```

Get the secondary module connection string of a target IoT device in an IoT Hub.

RELATED LINKS

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