



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

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

NAME

Get-AzIotHubDeviceConnectionString

SYNOPSIS

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

SYNTAX

```

Get-AzIotHubDeviceConnectionString [-InputObject]

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

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

```

```

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

```

DESCRIPTION

List connection string of all devices or 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? 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

-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

-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.PSIoT Hub

System.String

OUTPUTS

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

NOTES

```
Get-AzIoTHubDeviceConnectionString -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub"
```

Device Id Connection String

```
device1  HostName=myiothub.azure-devices.net;DeviceId=device1;SharedAccessKey=/X4y*****
```

```
device2  HostName=myiothub.azure-devices.net;DeviceId=device2;x509=true
```

Show all devices connection string in an IoT Hub.

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

```
Get-AzIoTHubDeviceConnectionString -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId  
"device1" -KeyType secondary
```

Device Id Connection String

```
device1  HostName=myiothub.azure-devices.net;DeviceId=device1;SharedAccessKey=/X4y*****
```

Get the secondary connection string of an IoT device.

RELATED LINKS

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