



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

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

NAME

Get-AzIotHubDeviceTwin

SYNOPSIS

Gets a device twin.

SYNTAX

```
Get-AzIotHubDeviceTwin [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub> [-DeviceId]
<System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzIotHubDeviceTwin [-ResourceGroupName] <System.String> [-DeviceId] <System.String> [-IotHubName]
<System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzIotHubDeviceTwin [-ResourceId] <System.String> [-DeviceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

[<CommonParameters>]

DESCRIPTION

Gets a device twin. See <https://learn.microsoft.com/azure/iot-hub/iot-hub-devguide-device-twins> for more information.

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

-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>

lotHub 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>).

INPUTS

Microsoft.Azure.Commands.Management.IoTHub.Models.PSIoTHub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IoTHub.Models.PSDeviceTwin

NOTES

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

Get-AzIoTHubDeviceTwin -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId "myDevice1"

Returns the device twin object.

RELATED LINKS

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