



Windows PowerShell Get-Help on Cmdlet 'New-AzIotHubSasToken'

PS:\>Get-HELP New-AzIotHubSasToken -Full

NAME

New-AzIotHubSasToken

SYNOPSIS

Generate a SAS token for a target IoT Hub, device or module.

SYNTAX

```
New-AzIotHubSasToken [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DeviceId
    <System.String>] [-Duration <System.Int32>] [-KeyName
    <System.String>] [-KeyType {primary | secondary}] [-ModuleId <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
New-AzIotHubSasToken [-ResourceGroupName] <System.String> [-IotHubName] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DeviceId
    <System.String>] [-Duration <System.Int32>] [-KeyName
    <System.String>] [-KeyType {primary | secondary}] [-ModuleId <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

New-AzIotHubSasToken [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>
[-Deviceld <System.String>] [-Duration <System.Int32>] [-KeyName <System.String>] [-KeyType {primary | secondary}]
[-ModuleId <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

For device SAS tokens, the policy parameter is used to access the device registry only. Therefore the policy should have read access to the registry. For IoT Hub tokens the policy is part of the SAS.

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

-Deviceld <System.String>

Target Device Id.

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

-Duration <System.Int32>

Future expiry (in seconds) of the token to be generated. Default is 3600.

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

-IotHubName <System.String>

Name of the Iot Hub

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-KeyName <System.String>

Access key name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Access key type.

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>

IoTHub 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Management.IotHub.Models.PSlotHub

System.String

OUTPUTS

System.String

NOTES

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

```
New-AzIoTHubSasToken -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub"
```

Generate an IoT Hub SAS token using the iothubowner policy and primary key.

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

```
New-AzIoTHubSasToken -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -KeyName "registryRead"
-KeyType "secondary"
```

Generate an IoT Hub SAS token using the registryRead policy and secondary key.

----- Example 3 -----

```
New-AzIoTHubSasToken -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId "myDevice1" -DeviceKey "myDeviceKey1"
```

Generate a device SAS token using the iothubowner policy to access the {iothub_name} device registry.

----- Example 4 -----

```
New-AzIoTHubSasToken -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -DeviceId "myDevice1"  
-ModuleId "myModule1"
```

Generate a module SAS token using the iothubowner policy to access the {iothub_name} device registry.

RELATED LINKS

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