



Windows PowerShell Get-Help on Cmdlet 'Send-AzIotHubDevice2CloudMessage'

PS:\>Get-HELP Send-AzIotHubDevice2CloudMessage -Full

NAME

Send-AzIotHubDevice2CloudMessage

SYNOPSIS

Send device-to-cloud message.

SYNTAX

```

Send-AzIotHubDevice2CloudMessage [-InputObject]
<Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DeviceId
<System.String> -Message <System.String> [-PassThru]
[-TransportType {Amqp | Http1 | Amqp_WebSocket_Only | Amqp_Tcp_Only | Mqtt | Mqtt_WebSocket_Only |
Mqtt_Tcp_Only}] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Send-AzIotHubDevice2CloudMessage [-ResourceGroupName] <System.String> [-IotHubName] <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DeviceId
<System.String> -Message <System.String> [-PassThru]
[-TransportType {Amqp | Http1 | Amqp_WebSocket_Only | Amqp_Tcp_Only | Mqtt | Mqtt_WebSocket_Only |

```

Mqtt_Tcp_Only}} [-Confirm] [-WhatIf] [<CommonParameters>]

Send-AzIoTHubDevice2CloudMessage [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DeviceId
<System.String> -Message <System.String> [-PassThru]
[-TransportType {Amqp | Http1 | Amqp_WebSocket_Only | Amqp_Tcp_Only | Mqtt | Mqtt_WebSocket_Only |
Mqtt_Tcp_Only}}] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The command supports sending messages with application and system properties.

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

-InputObject <Microsoft.Azure.Commands.Management.IoTHub.Models.PSIoTHub>

IoT Hub object

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-IoT HubName <System.String>

Name of the IoT Hub

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

-Message <System.String>

Message body to send to IoT Hub.

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

-PassThru <System.Management.Automation.SwitchParameter>

Allows to return the boolean object. By default, this cmdlet does not generate any output.

Required? false
Position? named
Default value False
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

-TransportType <Microsoft.Azure.Commands.Management.IoTHub.Models.PSTransportType>

Transport type to use. Default is Amqp.

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>).

INPUTS

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

System.String

OUTPUTS

System.Boolean

NOTES

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

```
Send-AzIotHubDevice2CloudMessage -ResourceGroupName "myresourcegroup" -IotHubName "myiothub" -DeviceId  
"myDevice1" -Message "Ping from PS"
```

Sending device to cloud message using default transport type.

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

```
Send-AzIotHubDevice2CloudMessage -ResourceGroupName "myresourcegroup" -IotHubName "myiothub" -DeviceId  
"myDevice1" -Message "Ping from PS" -TransportType Mqtt
```

Sending an mqtt device to cloud message.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.iothub/send-aziothubdevice2cloudmessage>