



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzlotHubConfigurationMetricsQuery'

PS:\>Get-HELP Invoke-AzlotHubConfigurationMetricsQuery -Full

NAME

Invoke-AzlotHubConfigurationMetricsQuery

SYNOPSIS

Invoke an IoT device configuration metric query.

SYNTAX

Invoke-AzlotHubConfigurationMetricsQuery [-InputObject]

<Microsoft.Azure.Commands.Management.IotHub.Models.PSIoTHub> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -MetricName

<System.String> [-MetricType {Custom | System}] -Name

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzlotHubConfigurationMetricsQuery [-ResourceGroupName] <System.String> [-IoTHubName] <System.String>

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -MetricName

<System.String> [-MetricType {Custom | System}] -Name

<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

Invoke-AzIoTHubConfigurationMetricsQuery [-ResourceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -MetricName
<System.String> [-MetricType {Custom | System}] -Name
    <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

Evaluate a target custom or system metric defined in an IoT device configuration. There are pre-defined system metrics which are calculated by IoT Hub and cannot be

customized. - "Targeted" specifies the number of device twins that match the target condition.

- "Applied" specifies the number of device twins that have been modified by the configuration.

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

-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

-MetricName <System.String>

Target metric for evaluation.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MetricType <Microsoft.Azure.Commands.Management.IotHub.Models.PSConfigurationMetricType>

Indicates which metric collection should be used to lookup a metric.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Identifier for the configuration.

Required? true

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

-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

Microsoft.Azure.Commands.Management.IotHub.Models.PSConfigurationMetricsResult

NOTES

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

Invoke-AzIotHubConfigurationMetricsQuery -ResourceGroupName "myresourcegroup" -IotHubName "myiotHub" -Name

"myConfig1" -MetricName "warningLimit"

Evaluate the custom defined 'warningLimit' metric.

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

Invoke-AzIoTHubConfigurationMetricsQuery -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -Name
"myConfig1" -MetricName "applied" -MetricType "system"

Evaluate the system 'applied' metric.

RELATED LINKS

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