



Windows PowerShell Get-Help on Cmdlet 'Set-AzIotHubDeployment'

PS:\>Get-HELP Set-AzIotHubDeployment -Full

NAME

Set-AzIotHubDeployment

SYNOPSIS

Update the mutable fields of IoT Edge deployment.

SYNTAX

```
Set-AzIotHubDeployment [-InputObject] <Microsoft.Azure.Commands.Management.IotHub.Models.PSIotHub>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Label
<System.Collections.Hashtable>] [-Metric
<System.Collections.Hashtable>] -Name <System.String> [-Priority <System.Int32>] [-TargetCondition <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Set-AzIotHubDeployment [-ResourceGroupName] <System.String> [-IotHubName] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Label
<System.Collections.Hashtable>] [-Metric
<System.Collections.Hashtable>] -Name <System.String> [-Priority <System.Int32>] [-TargetCondition <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

Set-AzIotHubDeployment [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>
[-Force] [-Label <System.Collections.Hashtable>] [-Metric <System.Collections.Hashtable>] -Name <System.String>
[-Priority <System.Int32>] [-TargetCondition
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Update specified properties of an IoT Edge deployment. Note: Configuration content is immutable. Configuration properties that can be updated are 'labels', 'metrics',

'priority' and 'targetCondition'. See <https://learn.microsoft.com/azure/iot-edge/module-deployment-monitoring> 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

-Force <System.Management.Automation.SwitchParameter>

Allows deployment object to be replaced even if it was updated since it was retrieved last time.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-InputObject <Microsoft.Azure.Commands.Management.IotHub.Models.PSlotHub>

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

-Label <System.Collections.Hashtable>

Map of labels to be applied to target deployment.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Metric <System.Collections.Hashtable>

Queries collection for IoT Edge deployment metrics definition.

Required? false

Position? named

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

-Name <System.String>

Identifier for the deployment.

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

-Priority <System.Int32>

Weight of deployment in case of competing rules (highest wins).

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

-TargetCondition <System.String>

Target condition in which an Edge deployment applies to.

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.IoT.Hub.Models.PS IoT Hub

System.String

OUTPUTS

Microsoft.Azure.Commands.Management.IoT.Hub.Models.PS Deployment

NOTES

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

```
Set-AzIoT HubDeployment -ResourceGroupName "myresourcegroup" -IoT HubName "myiothub" -Name "deploy1" -Priority
7 -TargetCondition "tags.building=3 and
tags.environment='dev'"
```

Alter the priority of IoT Edge deployment and update its target condition.

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

```
$labels = @{}
```

```
$labels.add("key0","value0")
```

```
$metrics = @{}
```

```
$metrics.add("query1", "select deviceId from devices where tags.location='US'")
```

```
Set-AzIoTHubDeployment -ResourceGroupName "myresourcegroup" -IoTHubName "myiothub" -Name "deploy1" -Label  
$labels -Metric $metrics
```

Update the metrics and labels of IoT Edge deployment.

RELATED LINKS

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