



Windows PowerShell Get-Help on Cmdlet 'Update-AzIotSecuritySolution'

PS: \>Get-HELP Update-AzIotSecuritySolution -Full

NAME

Update-AzIotSecuritySolution

SYNOPSIS

Update one or more of the following properties in IoT security solution: tags, recommendation configuration, user defined resources

SYNTAX

```

Update-AzIotSecuritySolution [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject
    <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSIotSecuritySolution>
[-RecommendationsConfiguration
    <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSRecommendationConfiguration[]>] [-Tag
<System.Collections.Hashtable>] [-UserDefinedResource
    <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzIotSecuritySolution [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>

```

```

                                                                    [-RecommendationsConfiguration
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSRecommendationConfiguration[]>]
-ResourceGroupName <System.String>
                                                                    [-Tag                <System.Collections.Hashtable>]                [-UserDefinedResource
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources>] [-Confirm]
[-WhatIf] [<CommonParameters>]

Update-AzIotSecuritySolution                                [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
                                                                    [-RecommendationsConfiguration
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSRecommendationConfiguration[]>]                -ResourceId
<System.String> [-Tag
                                                                    <System.Collections.Hashtable>]                [-UserDefinedResource
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The Update-AzIotSecuritySolution cmdlet updates one or more of the following properties in a specific IoT security solution: tags, recommendation configuration, user defined resources. Only the specified properties will be updated inside the IoT security solution. The IoT security solution collects security data and events from IoT devices and IoT hub to help prevent and detect threats.

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.Security.Models.IotSecuritySolutions.PS IoT Security Solution>

Input Object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Resource name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RecommendationsConfiguration

<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PS Recommendation Configuration[]>

Recommendations configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource group name.

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

-ResourceId <System.String>

ID of the security resource that you want to invoke the command on.

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

-Tag <System.Collections.Hashtable>

Tags.

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

-UserDefinedResource <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources>

User defined resources.

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

System.String

Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PS_IotSecuritySolution

System.Collections.Hashtable

Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources

Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSRecommendationConfiguration[]

OUTPUTS

Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSIotSecuritySolution

NOTES

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

```
$RecConfig = New-AzIotSecuritySolutionRecommendationConfigurationObject -RecommendationType "IoT_OpenPorts"
-Enabled $false

$UserDefinedResource = New-AzIotSecuritySolutionUserDefinedResourcesObject -Query 'where type !=
"microsoft.devices/iothubs" | where name contains "v2"' `
-QuerySubscriptionList @("XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX")

Update-AzIotSecuritySolution -Name "MySample" -ResourceGroupName "MyResourceGroup"
-RecommendationsConfiguration @($RecConfig) -UserDefinedResource
$UserDefinedResource
```

Id:

"/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourceGroups/MyResourceGroup/providers/Microsoft.
Security/IotSecuritySolutions/MySample"

Name: "MySample"

Type: "Microsoft.Security/IoTSecuritySolutions"

Location: "westus"

DisplayName: "MySample"

status: "Enabled"

Export: ["RawEvents"]

DisabledDataSources: ["TwinData"]

Workspace:

"/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourcegroups/MyResourceGroup/providers/microsoft.operationalinsights/workspaces/MyLA"

AdditionalWorkspaces: null

IoT Hubs:

["/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourcegroups/MyResourceGroup/providers/microsoft.devices/iot hubs/MySample"]

UserDefinedResources: {

Query: 'where type != "microsoft.devices/iot hubs" | where name contains "v2"'

QuerySubscriptions: ["XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"]

}

RecommendationsConfiguration: [

{

RecommendationType: "IoT_ACRAuthentication"

Name: "Service principal not used with ACR repository"

Status: "Enabled"

}

{

RecommendationType: "IoT_OpenPorts"

Name: "Device has open port"

Status: "Disabled"

}

{

RecommendationType: "IoT_AgentSendsUnutilizedMessages"

Name: "Agent sending underutilized messages"

Status: "Enabled"

```
}}
```

AutoDiscoveredResources:

```
["/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourcegroups/MyResourceGroup/providers/microsoft.  
devices/iothubs/MySample"]
```

UnmaskedIpLoggingStatus: "Enabled"

Update iot security solution "MySample" from resource group "MyResourceGroup" with recommendation configuration and user defined resources

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.security/Update-AzIotSecuritySolution>