



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

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

NAME

Set-AzIotSecuritySolution

SYNOPSIS

Create or update IoT security solution

SYNTAX

```

Set-AzIotSecuritySolution [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisabledDataSource
<System.String[]>] -DisplayName <System.String> [-Enabled <System.Boolean>] [-Export <System.String[]>] -IotHub
<System.String[]> -Location <System.String> -Name
<System.String> [-RecommendationsConfiguration
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSRecommendationConfiguration[]>]
-ResourceGroupName
<System.String> [-Tag <System.Collections.Hashtable>] [-UnmaskedIpLoggingStatus <System.String>]
[-UserDefinedResource
<Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSUserDefinedResources>] -Workspace
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisabledDataSource
    <System.String[]>] -DisplayName <System.String> [-Enabled <System.Boolean>] [-Export <System.String[]>] -IotHub
<System.String[]> -Location <System.String>

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

```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisabledDataSource
    <System.String[]>] -DisplayName <System.String> [-Enabled <System.Boolean>] [-Export <System.String[]>]
-InputObject
    <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PSIotSecuritySolution> -IotHub <System.String[]>
-Location <System.String>

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

```

DESCRIPTION

The Set-AzIotSecuritySolution cmdlet creates or updates a specific iot security solution. The IoT security solution collects security data and events from iot devices and iot hub to help prevent and detect threats. The name of iot security solution should be identical to the name of the iot hub.

-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

-DisabledDataSource <System.String[]>

Disabled data sources.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DisplayName <System.String>

Display name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Enabled <System.Boolean>

Status .

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Export <System.String[]>

Export data.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Security.Models.IotSecuritySolutions.PS_IotSecuritySolution>

Input Object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-IotHub <System.String[]>

Iot hubs.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

Location.

Required? true
Position? named
Default value None
Accept pipeline input? False
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.PSRecommendationConfiguration[]>

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

-UnmaskedIpLoggingStatus <System.String>

Unmasked ip logging status.

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

-Workspace <System.String>

Workspace ID.

Required? true
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.Security.Models.IotSecuritySolutions.PSIotSecuritySolution

System.String

System.Collections.Hashtable

System.String[]

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 -----

\$Workspace =

"/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourceGroups/MichalResourceGroup/providers/Microsoft.OperationalInsights/workspaces/IoTHubWorkspace"

\$lotHubs =

@("/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourceGroups/MichalResourceGroup/providers/Microsoft.Devices/IotHubs/MySample")

Set-AzIotSecuritySolution -Name "MySample" -ResourceGroupName "MyResourceGroup" -Location "West US" -Workspace \$Workspace -DisplayName "MySample" -Enabled \$true -IotHub \$lotHubs

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

IotHubs:

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

UserDefinedResources: {

Query: ""

QuerySubscriptions: []

```
}
```

```
RecommendationsConfiguration: [
```

```
{
```

```
RecommendationType: "IoT_ACRAuthentication"
```

```
Name: "Service principal not used with ACR repository"
```

```
Status: "Enabled"
```

```
}
```

```
{
```

```
RecommendationType: "IoT_AgentSendsUnutilizedMessages"
```

```
Name: "Agent sending underutilized messages"
```

```
Status: "Enabled"
```

```
}]
```

AutoDiscoveredResources:

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

```
UnmaskedIpLoggingStatus: "Enabled"
```

```
Tags: {}
```

Create new iot security solution "MySample" for IoT hub with resource id

"/subscriptions/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/resourceGroups/MichalResourceGroup/providers/Micro
soft.Devices/IotHubs/MySample" (the name of the solution
should be identical to the name of the IoT hub)

RELATED LINKS

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