Windows PowerShell Get-Help on Cmdlet 'Get-AzIotSecurityAnalytics'

PS:\>Get-HELP Get-AzIotSecurityAnalytics -Full

NAME

Get-AzIotSecurityAnalytics

SYNOPSIS

Get IoT security analytics

SYNTAX

Get-AzIotSecurityAnalytics [-Default] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceGroupName <System.String> -SolutionName <System.String> [<CommonParameters>]

DESCRIPTION

The Get-AzIotSecurityAnalytics cmdlet returns a set of security analytics of a specific iot security solution

PARAMETERS

-Default <System.Management.Automation.SwitchParameter>

If present, get the default analytics set, otherwise, get the list of all analytics sets.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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

-ResourceGroupName <System.String>

Resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SolutionName <System.String>

Solution name

Required? true

Position? named

Default value None

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

None

OUTPUTS

Microsoft.Azure.Commands.Security.Models.IotSecuritySolutionAnalytics.PSIotSecuritySolutionAnalytics

NOTES

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

Get-AzIotSecurityAnalytics -ResourceGroupName "MyResourceGroup" -SolutionName "MySolution" -Default

Id:

"/subscriptions/XXXXXXXX-XXXX-XXXXX-XXXX-XXXXXXXXXXXX/resourceGroups/MyResourceGroup/providers/Microsoft

.Security/iotSecuritySolutions/MySolution/analyticsModels/d

efault"

Name: "default"

Type: "Microsoft.Security/IoTSecuritySolutionAnalyticsModel"

Metrics: {

```
        High": 5
        Medium: 200
        Low: 102
      }
UnhealthyDeviceCount: 1200
DevicesMetrics: [
      {
        Date: "2019-02-01T00:00:00Z"
        DevicesMetrics: {
          High: 3
          Medium: 15
          Low: 70
        }
      }
      {
        Date: "2019-02-02T00:00:00Z"
        DevicesMetrics: {
          High: 3
          Medium: 45
          Low: 65
        }
      }
    ]
TopAlertedDevices: [
      {
        DeviceId: "id1"
        AlertsCount: 200
      }
      {
        DeviceId": "id2"
        AlertsCount": 170
      }
      {
```

```
      DeviceId": "id3"
      AlertsCount": 150
    }
  ]
  MostPrevalentDeviceAlerts: [
    {
      AlertDisplayName: "Custom Alert - number of device to cloud messages in AMQP protocol is not in the allowed range"
      ReportedSeverity: "Low"
      AlertsCount: 200
    }
    {
      AlertDisplayName: "Custom Alert - execution of a process that is not allowed"
      ReportedSeverity: "Medium"
      AlertsCount: 170
    }
    {
      AlertDisplayName": "Successful Bruteforce"
      ReportedSeverity": "Low"
      AlertsCount": 150
    }
  ]
  MostPrevalentDeviceRecommendations: [
    {
      RecommendationDisplayName: "Install the Azure Security of Things Agent"
      ReportedSeverity: "Low"
      DevicesCount: 200
    }
    {
      RecommendationDisplayName: "High level permissions configured in Edge model twin for Edge module"
      ReportedSeverity: "Low"
      DevicesCount: 170
    }
```

```
      {
        RrecommendationDisplayName: "Same Authentication Credentials used by multiple devices"
        ReportedSeverity: "Medium"
        DevicesCount: 150
      }
    ]
  }
}
```

Get the deafult IoT Security Analytics for Security Solution "MySolution" in reasource group "MyResourceGroup"

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.security/Get-AzIotSecurityAnalytics