EmbeddedControl Provider

Trellix Embedded Control

Version 1.0.0

User's guide

December 13, 2022

[Remarks]

[Revision History]

Version	Date	Contents
1.0.0	2015-05-19	First edition
	2022-12-13	Change the name of McAfee in the document to Trellix

[Supported devices]

Model	Version	Description

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1. Introduction

This document is a user's guide of CAO provider that monitors events of Trellix Embedded Control that is Trellix product. CAO provider (CaoProvEmbeddedControl.dll) described in this document is called EmbeddedControl provider.

The next chapter shows the overview of EmbeddedControl provider

2. Overview of EmbeddedControl provider

2.1. Overview

EmbeddedControl provider is a CAO provider that monitors events of Trellix Embedded Control. The file format is DLL (Dynamic Link Library) and it is dynamically uploaded from CAO engine when it is used. To use EmbeddedControl provider, you need to install ORiN2SDK, or, complete registration manually based on the information on Table 2-1

Table 2-1 EmbeddedControl provider

File name	CaoProvEmbeddedControl.dll
ProgID	CaoProv.McAfee. EmbeddedControl
Registry registration	regsvr32 CaoProvEmbeddedControl.dll
Delete registry registration	regsvr32 /u CaoProvEmbeddedControl.dll

2.2. Method and Property

2.2.1. CaoWorkspace::AddController method

Trellix Embedded Control monitors the event log of Windows. Once Trellix Embedded Control-specific event is detected, the provider notifies the event as an OnMessage event.

Specify the monitoring interval of event log at the execution of AddController.

Syntax AddController(<bstrCtrlName:BSTR>,<bstrProvName:BSTR>,
<bstrPcName:BSTR > [,<bstrOption:BSTR>])

bstrCtrlName : [in] Controller name
bstrProvName : [in] Provider name. Fixed to " CaoProv.McAfee.EmbeddedControl".
bstrPcName : [in] Computer name where provider runs
bstrOption : [in] Option character string

The following shows the list of option character string and description

Table 2-2 Option character strings of CaoWorkspace::AddController

Option	Description
Interval=<Monitoring interval>	Monitoring interval of event log. 100ms～ (default：500ms)

2.2.2. CaoController::OnMessage event

When EmbeddedControl provider detects a Trellix Embedded Control-specific event, OnMessage event of CaoController class is issued.

2.2.3. CaoMessage::get_Number property

Event ID of the detected event. For about Trellix Embedded Control-specific event ID, refer to the manual of Trellix Embedded Control..

2.2.4. CaoMessage::get_DateTime property

This shows the time when the detected event is written in the event log of Windows/

2.2.5. CaoMessage::get_Description property

Description of the detected event.

2.2.6. CaoMessage::get_Value property

Embedded Control-specific data of the detected event. If there is no data, VT_EMPTY is returned.