

SNMP Listener

SmartConnector Extension

Introduction

EcoStruxure Building Operation built in SNMP feature can be used to send out SNMP traps but not receive. The SNMP Listener SmartConnector enables EBO to receive SNMP traps. The solution consists of a SmartConnector and an EcoStruxure Web Services (EWS) endpoint. The SmartConnector creates a SNMP trap service listener to receive alarms and creates an EWS endpoint to turn these traps into EWS alarms for EBO to read.



Features and Benefits

- Supports SNMP v2 and v3
- SNMP v2 and v3 Trap Server
- SNMP v2 and v3 Get and Set of SNMP objects
- Communicates to multiple SNMP endpoints.
- SNMP SmartConnector Configuration Tool creates the SNMPObjectList, SNMPTrapSource and SNMPAlarmText csv files required
- Supports SmartConnector Service version 2.4.10 and up
- Supports EBO versions 1.9.4, 2.0.3 and 3.2 onwards

Supported Operating Systems

The following is a list of Operating Systems which the SmartConnector framework has been tested against. Non-listed operating systems capable of running .NET 4.5 should also work but their compatibility has not been verified.

- Windows 7 64 bit.
- Windows 10 64 bit.
- Windows Server 2008 64 bit.
- Windows Server 2012 64 bit.
- Windows Server 2016 64 bit.
- Windows Server 2019 64 bit.

Supported Database Servers

The following is a list of Microsoft SQL Servers which SmartConnector has been tested against. Non-listed servers compliant with Microsoft SQL Server may also work but their compatibility is not guaranteed.

- Local DB.
- Microsoft SQL Server 2012 Express.
- Microsoft SQL Server 2012.
- Microsoft SQL Server 2014 Express.
- Microsoft SQL Server 2014.
- Microsoft SQL Server 2016 Express.
- Microsoft SQL Server 2016.
- Microsoft SQL Server 2017 Express.
- Microsoft SQL Server 2017.
- Microsoft SQL Server 2019 Express.
- Microsoft SQL Server 2019.