

Support for YANG

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Support for YANG Data Models (Call-home)

The YANG models supported for the call-home feature are similar to all the releases of Cisco-IOS-XE. The following references are available for earlier YANG models:

https://github.com/YangModels/yang/tree/master/vendor/cisco/xe/1651

For additional information about call-home for IOS-XE, see the following:

Software Activation Configuration Guide, Cisco IOS XE Release 3S

Yang Data Model Support for Scada

Cisco IOS XE introduces support for the Cisco IOS XE YANG model for the SCADA system, expanding upon the YANG models already available in other areas of the platform.

https://github.com/YangModels/yang/tree/master/vendor/cisco/xe/1711

Support for Model Driven support for GNMI Telemetry Dial-In

Similar to YANG models, there is support on IOS-XE for open source models defined by Google and is referred as Google Network Management Interface (GNMI). Configurations of GNMI can be verified either with Secure or Insecure Mode.

- Secure Mode

Secure Mode establishes secure connection using OpenSSL certificates between client and server. It sends GNMI telemetry updates using open source gnmi_cli tool.

- Insecure Mode

Insecure Mode sends GNMI telemetry updates between client and server using open source pygnmi tool.

For additional information about GNMI Telemetry see the following reference:

Programmability Configuration Guide, Cisco IOS XE