



Developer Resource Guide for Partners

Congratulations on becoming a Calix Partner. This guide is designed to help you access Calix Developer resources quickly and easily. Many of these resources require MyCalix access. Please be sure to login to [MyCalix](#) before following these links. See the end of this document for information about registering for a MyCalix account.

Resources: Click or scroll for information and a link to access each resource.

CALIX DEVELOPER RESOURCES

CALIX DEVELOPER PORTAL

[Calix Developer Portal Introduction](#)

[Calix Developer Portal - Get Started](#)

SMX HELP RESOURCES

[GETTING STARTED WITH THE SMX API INTERFACE, R22.X](#)

[USING THE AXOS SANDBOX, CALIX APPLICATION NOTE](#)

[CALIX MANAGEMENT SYSTEM \(CMS\) R15.X NORTHBOUND INTERFACE API GUIDE](#)

[TACTV: USING POSTMAN TO INTERACT WITH CMS NBI](#)

[CALIX CLOUD APIS - TOKEN MANAGEMENT](#)

[TACTV: CALIX CLOUD API - TOKEN MANAGEMENT](#)

[CALIX CLOUD APIS - TRAFFIC USAGE INSIGHTS](#)

[REVENUE EDGE: TECHNICAL DOCUMENTATION](#)

[HOW TO REGISTER FOR MY CALIX](#)

[Calix Developer Resources](#)

Calix has collected all its product API documentation and related technical references in one location, to make it easy for developers and integrators to locate information helpful for programming.

[Calix Developer Portal](#)

The Calix Cloud developer portal manages application registration, application approval, and obtaining tokens necessary to access the APIs. OAuth 2.0 access tokens are issued on a per organization, per application registration basis.

[Calix Developer Portal Introduction](#)

This site provides an overview of how-to login and use the developer portal.

[Calix Developer Portal - Get Started](#)

Guide to help Accelerate the creation of your products and services.

[SMx Help Resources](#)

AXOS Services Management Connector (SMx)

This site provides quick links to these and other resources:

- The *SMx System Administration Guide* which covers SMx server installation, software upgrades, and other network management tasks.
- The *SMx Service Management Guide* covers everything you need to know about configuring subscriber access services on AXOS systems
- The *Getting Started with the SMx API Interface* shows how to use the Northbound API (Swagger) interface, integrated in the SMx software, to view SMx RESTful APIs.

[Getting Started with the SMx API Interface, R22.x](#)

This downloadable document describes the basis of how to use the AXOS SMx Northbound Interface API web services.

Intended Audience: This document is intended for provider and provider OSS vendor developers who are integrating AXOS SMx into provider back-office OSS and BSS systems to provide service lifecycle management. This document assumes that the user's PC is equipped with a supported web browser (Internet Explorer or Firefox) and that the user is familiar with using a web browser and a command-line interface over a standard telnet or console connection. Familiarity with datacom, telecom, and standards-based Ethernet technologies and conventions is recommended.

[Using the AXOS Sandbox, Calix Application Note](#)

This Application Note describes how to download and install an AXOS Sandbox module and connect to that module via the CLI, Web GUI, SSH and Calix SMx (previously known as Activate). For more information about how to provision AXOS software refer to the *Calix AXOS SMx System Management Guide* and the *Turn Up and Transport Guide* for AXOS software.

[Calix Management System \(CMS\) R15.x Northbound Interface API Guide](#)

This document describes how to use the CMS XML NBI for systems management integration to an OSS. Operators can use their OSS to manage Calix network elements via the CMS NBI adapter without significant code development per system. This document describes how to integrate to the CMS XML NBI for provisioning of Calix E7 EXA access systems and Calix AE ONTs.

[tacTV: Using Postman to Interact with CMS NBI](#)

This video shows how to use a tool to test CMS XML API calls to E7 nodes. Click the video to play.

[Calix Cloud APIs - Token Management](#)

This article provides an overview of the new OAuth 2.0, token-based, authentication structure we have implemented for our Calix Cloud APIs.

[tacTV: Calix Cloud API - Token Management](#)

This tacTV covers the token management process for the new Calix Cloud API

[Calix Cloud APIs - Traffic Usage Insights](#)

Within both Calix Support Cloud (CSC) and Calix Operations Cloud (CCO), you may see the option to view "Traffic Reports" for your subscribers. This data is based on "Flow" (ex. Netflow, sFlow, IPFIX, etc.) data that you send to us from the core equipment in your network. This API allows you to review this same data and integrate or review it as desired.

This site includes articles about interacting with the new Calix Cloud APIs, and authenticating your requests within the new OAuth 2.0 model

[Revenue EDGE: Technical Documentation](#)

This site includes provides a guided view to technical documentation on latest features and enhancements available in the current Calix Cloud software release.

[How to register for My Calix](#)

My Calix is our portal for customers and partners. It provides access to an array of resources to help you accelerate your success and solve business needs.

Who needs a MyCalix account?

Each person who is regularly interacting with Calix should create a Calix account.

What is involved in registration?

Complete the [registration form](#) using your work email address, indicating that your user type as "Partner/Affiliate." Your information will be verified against our Salesforce listings for your company. If access is denied, please contact your partner manager, we may need to add the requester to your company's partner records.