

CMS Fundamentals (1 day)

Learn the common tasks and procedures you need to manage Calix C7 and E-Series networks through CMS. This one day, instructor-led class includes lectures, discussions, demonstrations, and hands-on labs.

Using the Calix Virtual Classroom, you'll be connected via the Internet to a live CMS server with attached C7 and E-Series networks. During class you'll complete hands-on activities by interacting directly with the CMS server.

The Calix Virtual Classroom offers all the benefits of traditional classroom instruction, without the travel. Your instructor is available throughout the class to help with exercises and answer questions.

Who should attend

This course is designed for people who have experience with Calix equipment, but want more experience with CMS, including:

- Technicians who perform network setup, service provisioning, and operations with Calix equipment
- Technicians and network administrators responsible for network monitoring, user administration, and security

Prerequisites

- Comfort using computers and software
- *Calix C7 Hands on Fundamentals* course, *E5-100 Network Applications* course, *E5-400 Hands-on Fundamentals* course, or equivalent experience

Reference tools and learning aids

During the class, you'll follow along with the lectures, demonstrations, and lab exercises using a comprehensive Reference Guide. After class, use the Reference Guide to review class content and view procedures.

Topics

CMS overview

- Introduction to CMS and its management capabilities
- Overview of key features and functionality

Working with CMS

- Overview of various user roles available in CMS
- Overview of the CMS architecture

Register online at:

http://www.calix.com/portal/courses/classroom_training.jsp

- How the two available management interfaces – CMS Desktop and CMS Web – work together
- How to login to CMS and install CMS Desktop
- Using built-in online help

Network Management

- Creating and managing Regions and Network Groups
- Connecting to C7 Networks
- Connecting to E5 Shelves

Managing Profiles and Templates

- Managing Global Profiles including importing existing profiles Calix networks, and configuring C7 networks to automatically synchronize profiles
- Creating subscriber provisioning templates for voice and data services

Troubleshooting Tools

- Using Search tools to quickly locate subscribers
- Alarm management in CMS including viewing historical alarm and event logs in CMS Web
- How to use C7 Performance Monitoring data to troubleshoot problems

Business Reporting

- Overview of available reports and how to save report templates for quick access to key data
- Detailed discussion and practice using Bandwidth Utilization, Service Take Rate, Video Channel, Inventory, and Modem Train Rate reports

Administration

- In depth discussion of Security Management and practice using user management tools
- How to schedule important tasks like CMS backups, C7 backups, and performance monitoring data downloads
- Practice performing backups

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