

Course Description

This course provides a basic overview of the Calix Active Ethernet solution including setup, deployment, and using CMS for management. This overview is a prerequisite for the E7 Active Ethernet Services, E7 Active Ethernet Business Services, and B6 Active Ethernet virtual classes.

Objectives

- Describe the basics of an Active Ethernet network.
- Describe the network requirements and supporting hardware for an Active Ethernet network.
- Identify the procedures for remotely activating a Calix Optical Network Terminal (ONT).
- Identify the types of configuration files used to deploy ONTs in an Active Ethernet network.
- Use Calix Management System (CMS) to manage an Active Ethernet network.
- Describe the features commonly used in an Active Ethernet network.

Who should attend?

- Technicians and Customer Service Representatives who deploy Active Ethernet services.

Prerequisite Training and Skills

- Experience with Ethernet networking

Training Resources in My Calix

- [Learning Solutions](#)
- [Certifications](#)

Delivery Mode

This interactive online eLearning course consists of content delivered as video clips, simulations, demonstrations, and other self-paced formats. Learners are prompted to interact with the content as they progress through the course. Calix eLearning courses are often accompanied by voice-over audio. To get the most out of your learning experience, Calix recommends accessing your eLearning course through Chrome or Firefox.

Lessons	Topics
01 Active Ethernet Basics	Calix Active Ethernet Physical Connections Calix 700-Series ONT
02 AE Network Setup	AE Network Server Requirements ONT Boot Process Configure the Management VLAN
03 Remote ONT Activation	Remote Voice Activation Smart Activate Management IP Address Mode Firmware Upgrade and Factory Reset
04 Configuration Files	CMS vs. non CMS Configuration Files Configuration File Request
05 Managing AE Using CMS	Add an Active Ethernet ONT in CMS Provision an FTP Server in CMS Provision Subscriber Services in CMS
06 AE Features	Psuedowire End-to-End Emulation Multicast VLAN Registration Traffic Shaping Link Layer Discovery Protocol LLDP Frame Information Ethernet OAM