

Course Description

This course provides an understanding of Active Ethernet deployments in both EXA and AXOS Networks. Active Ethernet terms along with Calix EXA and AXOS solutions are presented and includes network components, ONT configuration file storage and using CMS/SMx for management.

Objectives

- Describe how Active Ethernet (AE) is positioned in an access network
- Identify the main features of AE as implemented in Calix EXA and AXOS networks.
- Identify Calix equipment that supports AE.
- Activate AE data service in CMS and SMx.
- Pre-register an AE ONT using Smart Activate.

Prerequisite Training and Skills

- Knowledge of basic telecommunication principles
- Understanding of basic optical safety procedures

Who should attend?

- Network Operations
- Customer Support
- Field Technicians
- Engineering/Planner

Course and Exam Duration: 90 Minutes

Lessons		Topics
01	AE Overview	<ul style="list-style-type: none"> • Point-to-Point Ethernet • AE OIM Wavelengths • AE Standard and Services • Calix AE ONTs • Calix AE Network Functional Description
02	Calix EXA AE Solution	<ul style="list-style-type: none"> • EXA Hardware • EXA Network Servers • AE ONT Boot Sequence • AE ONT Configuration File • CMS AE Settings • CMS Add AE ONT Steps • CMS Add RG Data Service
03	Calix AXOS AE Solution	<ul style="list-style-type: none"> • AXOS AE Hardware • AXOS Network Servers • AE ONT Boot Sequence

		<ul style="list-style-type: none">• AXOS AE ONT Configuration File• AXOS AE ONT Management• SMx Add AE ONT Steps• SMx Add Bridge Data Service
04	ONT Smart Activate	<ul style="list-style-type: none">• Laptop Connection and Login Credentials• Smart Activate Web-Based Interface