

Course Description

Learn the essential skills and procedures you need to deploy the E7 AXOS Ethernet services access platform. In this class you will learn about the E7-2 AXOS platform, how to turn up an E7 system, how to use SMx to view E7 system data and how to provision an E7 uplink.

Objectives

- Describe the characteristics of the AXOS and the AXOS-based E7-2.
- Turn up an AXOS-based E7-2 system.
- Provision a single-port uplink, Link Aggregation Groups, g.8032v2 and ERPS rings.
- Log into and use SMx to add nodes, and to view system data, node details and alarms.
- Save, backup, restore, and view configuration files.

Who should attend?

- Central office and field technicians and installers, network planners, and engineers who install, manage, maintain, troubleshoot, and configure AXOS-based E7-2 networks

Prerequisite Training and Skills

- Introduction to E7 online class
- SMx Overview online class

Training Resources in My Calix

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

Delivery Mode

This instructor-led course consists of learning content delivered by an experienced Calix instructor in a virtual classroom or at a physical location. Learners are provided with access to a live lab environment for hands-on lab exercises that reinforce the course content.

Lessons	Topics
01 E-2 AXOS Overview	AXOS Overview E7 AXOS Hardware Overview E7 AXOS Supported Applications
02 Turn Up	Manual vs. automatic turn-up Connecting to a local management port Command line interface (CLI) overview Logging into the CLI Configuring craft interfaces for remote management Configuring basic system settings
03 Network Transport	Training network diagram Provision Single-Port Uplink Create Link Aggregation groups Provision G.8032v2 Ring Provision ERPS Ring Configure In-band Management
04 Using SMx	Logging into SMx SMx Home screen Configuring the E7 using SMx Viewing Node Details Viewing alarms
05 Managing Configuration Files	Startup config vs. running config Default startup file characteristics Copying config files Backing up config files Viewing config files Restoring config files