

Course Description

Learn the essential skills and procedures you need to install and interconnect a multi-shelf E9 system.

Objectives

- Attach cable and fiber brackets to an E9 shelf
- Install an E9 shelf in a telco rack
- Install power and ground to an E9 shelf
- Install management connections to an E9 shelf
- Install fan modules into an E9 shelf
- Install line cards into an E9 shelf
- Install shelf interconnect cables between E9 shelves
- Install pluggable transceiver modules and attach fiber
- Attach an air filter assembly to an E9 shelf

Who should attend?

- This course is intended for central office and field technicians, installers, network planners, and others who want to know more about E9 installation

Prerequisite Training and Skills

- Completion of Introduction to E9 or equivalent knowledge

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 Before You Begin	Before You Begin Determining an Installation Location What's In the Box Items Ordered Separately User-Supplied Items
02 Installing a Shelf In a Rack	Cable Management Brackets Attaching Cable Management Brackets to a Shelf Attaching Bracket Adapters Guidelines for Installing Shelves in a Rack Installing a Shelf in a Rack
03 Connecting Power and Ground	Grounding the Chassis Connecting Power
04 Connecting Management Interfaces	Connect to the USB Port Connect to the Ethernet Management Ports Connect to an RS-232 Serial Port Wiring External Alarm Interfaces
05 Installing Fan Modules and Cards	Install Fan Modules Removing a Fan Module Card Installation Guidelines Installing a Card
06 Interconnecting Shelves	Guidelines for Interconnecting Shelves Fan-Out Cable Shelf Interconnections NG1601 CDFP Port Numbering Installing Fan-Out Cables

07

Installing Fiber and Pluggable Modules

Installing Pluggable Transceiver
Modules

Connecting Fibers

Installing the Air Filter Assembly