

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.

Course Duration: 60 minutes

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

07**Installing Fiber and Pluggable Modules**

NG1601 CDFP Port Numbering

Installing Fan-Out Cables

Installing Pluggable Transceiver Modules

Connecting Fibers

Installing the Air Filter Assembly