

Course Description

Learn the essential skills and procedures you need to deploy GPON services using the Calix E7 Ethernet Services Access Platform. In this class you will learn how to provision voice and video services for E7 GPON subscribers using Calix Management System (CMS). This course applies to both the E7-20 and E7-2

Objectives

- Activate E7 GPON Voice Services.
- Activate E7 GPON Video Services

Who should attend?

- Technicians who manage, maintain, troubleshoot, and configure the E7
- Technicians who configure E7 GPON subscriber services

Prerequisite Training and Skills

- Understanding of Ethernet networks including Layer 2 switching and VLANs
- Completion of Introduction to E7, Configuring E7 Transport, and Configuring E7 Services eLearning courses, or equivalent knowledge and experience
- Completion of the E7 GPON Overview and Data Service course

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.

Course Duration: ½ day

Lessons	Topics
01 Activating Voice Services	Class of Service Requirements Configure C7 TDM Gateway Service Configure SIP Voice Service
02 Activating Video Services	Video Configuration Overview Video VLANs Multicast Profile Match List Profiles Ethernet Bandwidth Profiles for Video Video Service Tag Actions MVR Profiles Multicast Profiles Adding Video Service