

Course Description

Learn the essential skills and procedures you need to deploy GPON business services using the Calix E7 Ethernet Services Access Platform. In this class you will learn how to provision transparent LAN service, Ethernet OAM, and T1 pseudowire services for E7 GPON business subscribers using Calix Management System (CMS). This course applies to both the E7-20 and E7-2

Objectives

- Describe the MEF service types
- Configure PON Class of Service (CoS) profiles
- Configure E7 GPON transparent LAN service
- Configure E7 GPON Ethernet OAM
- Configure E7 GPON pseudowire service

Who should attend?

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

Prerequisite Training and Skills

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

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 Business Ethernet Overview	MEF Data Service Overview MEF Service Types Mobile Backhaul Service Overview Classroom Network
02 PON CoS	PON CoS Profile Create Service VLANs Create Match List Profiles Create Service Tag Action Profiles Activate Service
03 Transparent LAN Services	Configuring TLS TLS Bandwidth Profiles TLS Match Rules TLS Service Tag Action Activate TLS
04 Ethernet OAM	Ethernet OAM Terminology Ethernet OAM Domains Ethernet OAM Configuration
05 Pseudowire Service	Pseudowire Overview Pseudowire Timing Pseudowire Configuration