

## Course Description

Learn the essential skills and procedures you need to deploy AE 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 AE 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 E7 AE transparent LAN service
- Configure E7 AE Ethernet OAM
- Configure E7 AE pseudowire service

### Who should attend?

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

### Prerequisite Training and Skills

- Completion of E7 Active Ethernet Services or equivalent knowledge
- 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  |
|--------------------------------------|---|
| <b>01</b> Business Ethernet Overview | MEF Data Service Overview<br>MEF Service Types<br>Mobile Backhaul Service Overview<br>Classroom Network |
| <b>02</b> Transparent LAN Service    | Configuring TLS<br>TLS Bandwidth Profiles<br>TLS Match Rules<br>TLS Service Tag Action<br>Activate TLS  |
| <b>03</b> Ethernet OAM               | Ethernet OAM Terminology<br>Ethernet OAM Domains<br>Ethernet OAM Configuration                          |
| <b>04</b> Pseudowire Service         | Pseudowire Overview<br>Pseudowire Timing<br>Pseudowire Configuration                                    |