

## Course Description

Learn the essential skills and procedures you need to deploy VDSL services using the Calix E7 Ethernet Services Access Platform. In this class, you will learn how to provision voice and video services for E7 VDSL subscribers using Calix Management System (CMS). You will also learn how to provision bonded data and video services.

### Objectives

- Activate E7 VDSL Voice Services.
- Activate E7 VDSL Video Services.
- Activate E7 VDSL Bonded Services.

### Who should attend?

- Network Operations
- Central Office Technicians
- Personnel who manage, maintain troubleshoot, and configure E7 DSL services

### Prerequisite Training and Skills

- Knowledge of telecommunications and engineering standards
- Understanding of Ethernet networks including Layer 2 switching and VLANs
- Completion of Introduction to E7, Configuring E7 Ethernet Transport and Configuring E7 Services eLearning courses, or equivalent knowledge and experience
- Completion of the E7 VDSL Overview and Data Services 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: 4 hours

Lessons	Topics
<b>01</b> E7 VDSL Voice Services	Configuring SIP Voice Service Configuring C7 TDM Gateway Service Configuring the IGMP Profile Create Video VLANs Create Custom Match Lists
<b>02</b> E7 VDSL Video Services	Create Tag Actions Create MVR Profiles Create Ethernet Bandwidth Profiles Create Multicast Profiles Create DSL Templates for Video Configuring Video Subscribers
<b>03</b> E7 VDSL Bonded Services	Create VDSL Templates for Bonded Service Configure VDSL Bonding Groups Configure Data and Video Services for VDSL Bonding Groups
<b>04</b> Using Calix Resources	Calix Resource Center Contacting TAC The Calix Community