

E7 GPON Services (1 day)

Learn the essential skills and procedures you need to deploy GPON services using the Calix E7 Ethernet Service Access Platform (ESAP). In this class you will learn how to provision voice, video, and data services for E7 GPON subscribers using the E7 Web UI. You will also get hands-on experience configuring Transparent LAN Service for business subscribers and setting up T1 Pseudowire services.

Who should attend

- Technicians who manage, maintain, troubleshoot, and configure the E7
- Technicians who configure GPON subscriber services
- Engineers and planners who want an overview of E7 GPON services

Prerequisites

- Completion of E7 Hands-On Fundamentals training or equivalent experience
- Completion of the Pseudowire Overview online course
- Knowledge of telecommunications and engineering standards
- Understanding of Ethernet networks including Layer 2 switching and VLANs

Learning aids

During the class, you'll follow along with the lectures and demonstrations using a printed reference guide. After class, you can use the reference guide to review class content and view procedures.

Topics

E7 GPON Overview

- E7 GPON Overview
- Configuration Overview

Configuring Services

- Configuring Service VLANs
- PON Configuration
 - Configure PON Class of Service
- Adding, Removing, and Replacing ONTs
- Activating data service

Register online at:

http://portal.calix.com/portal/courses/classroom_training.jsp

- Configuring Ethernet Profiles
- Configuring Service Match Lists
- Configuring Tag Actions
- Configuring VLAN-Per-Service data service
- Configuring VLAN-Per-Subscriber data service
- Configuring Transparent LAN service
- Activating C7 TDM Gateway voice service
- Activating SIP voice service
- Activating IP video service
- Configuring T1 Pseudowire service on Calix 766GX ONTs

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