

Course Description

The class focuses on deploying 800G GigaCenters in a GPON application and supporting the overall subscriber home network experience using Calix Support Cloud Device Management Edition (DME).

Objectives

- Describe the role of Calix Support Cloud and the 800G in the Network.
- Identify the different types of environments to deploy 800G.
- Configure CMS and the E7 to support the 800G.
- Prepare Calix Support Cloud to support the 800G.
- Administer 800G subscribers using Calix Support Cloud.
- Troubleshoot 800G subscriber services using Calix Support Cloud.

Who should attend?

- Network Operations and Customer Support personnel responsible for provisioning, maintaining, and troubleshooting subscriber services using the 800G GigaCenter in a GPON application.

Prerequisite Training and Skills

- 800G GigaCenter Overview (eLearning)
- Introduction to Calix Support Cloud DME (eLearning)
- Wi-Fi Fundamentals (eLearning)
- E7 GPON Services (1 day instructor led)

or:

- E7 GPON Overview and Data Services (1/2 day instructor led) plus
- E7 GPON Voice and Video Services (1/2 day instructor led)

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.

Lessons		Topics
01	Calix Support Cloud DME and the 800G in the network.	<p>The Role of Consumer Connect Plus and 800G in the Network</p> <p>800G GigaCenters in GPON Deployments</p> <p>The GigaFamily</p>
02	Configuring CMS and the E7 to Support the 800G	<p>Prepare CMS / E7 for 800G Deployment</p> <p>Preparing to Deploy Services and the 800G</p> <p>Create ONT Provisioning Record and the Gateway and SIP Services.</p>
03	Introduction to Calix Support Cloud DME	<p>Introduction to Calix Support Cloud</p> <p>Steps to Prepare Calix Support Cloud to support the 800G</p> <ul style="list-style-type: none"> ▪ Creating Device Groups ▪ Creating Service Attributes and Profiles <p>Creating Workflows</p>
04	Managing Subscribers with Calix Support Cloud DME	<p>Adding, Deleting, and Modifying Subscribers</p> <p>Enabling Services for Subscribers</p> <p>Verifying 800G Subscriber Provisioning</p>
05	Extending the Home Network	<p>Extending the Home Network with the 844E</p> <p>Provision the 844E for WAP Mode</p>
06	Troubleshoot 800G Subscriber Services with Calix Support Cloud DME	<p>Resolving Common Network Issues</p>