

Course Description

This class focuses on deploying 844GE GigaCenters in an Active Ethernet application, and supporting the overall subscriber home network experience using using Calix Support Cloud.

Objectives

- Describe the role of Calix Support Cloud and the 844GE in the Network.
- Identify the different types of environments to deploy 844GE.
- Configure CMS and the E7 to support the 844GE.
- Prepare Calix Support Cloud to support the 844Ge.
- Administer 844Ge subscribers using Calix Support Cloud.
- Troubleshoot 844GE 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 844GE GigaCenter in an Active Ethernet application.

Prerequisite Training and Skills

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