

## Course Description

Learn the essential skills and procedures you need to deploy the E3-2 Ethernet services remote sealed access node. In this class you will learn about the E3-2 chassis, how to turn up an E3-2 system, how to manage AXOS configuration files, how to provision an E3-2 Link Aggregation Group (LAG) uplink, how to provision E3-2 transport rings, and how to manage a system using SMx.

### Objectives

- Identify key attributes of the E3-2 chassis
- Locate modules within the E3-2 chassis
- Connect to an E3-2 management interface and log into the AXOS CLI
- Configure basic system settings
- Manage AXOS configuration files
- Configure a LAG uplink
- Configure ERPS and G.8032v2 transport rings
- Manage an E3-2 using SMx

### Who should attend?

- Network operators
- Central office technicians
- Customer service representatives
- Personnel who manage, maintain, troubleshoot, and configure E3-2 systems

### Prerequisite Training and Skills

- Completion of *Introduction to E3-2* or equivalent knowledge and experience

### 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> Course Introduction	AXOS Overview and Platforms Training Lab Network

<b>02</b>	E3-2 Chassis Overview	E3-2 Key Attributes E3-2 Modules
<b>03</b>	Turning Up an E3-2 Node	Logging Into the Command Line Interface (CLI) CLI Modes Configuring Basix System Settings Lab: Configure Basic System Settings
<b>04</b>	Managing Configuration Files	Startup Config vs. Running Config Copying and Backing Up Config Files Restoring and Moving Config Files Viewing Config Files Demo: Manage Config Files
<b>05</b>	Configuring a Link Aggregation Group (LAG) Uplink	Configure a Layer 2 LAG Uplink Configure a Layer 3 LAG Uplink Demo: Create a Layer 2 LAG Uplink
<b>06</b>	Create a G.8032 Ring	G.8032v2 Ring Protection Lab: Configure a G.8032v2 Ring
<b>07</b>	Create an ERPS Ring	ERPS Ring Protection Lab: Configure an ERPS Ring
<b>08</b>	Managing the E3-2 With SMx	SMx Introduction Demo: Working with SMx