

## Course Description

This course provides a basic overview of the Calix AXOS-based E7-2. It covers the E7 platforms, services and applications, Ethernet features, and monitoring and management.

## Objectives

- Describe the characteristics of the AXOS-based E7-2 platform.
- Describe the E7-2 applications and features.
- Describe the E7-2 Ethernet Transport options.
- Describe the E7-2 system management tools including Command Line Interface (CLI), Limited Embedded Web Interface (EWI) and AXOS Services Management Connector (SMx).
- Recognize where to find Calix Resources

## Prerequisite Training and Skills

- Understanding of Ethernet networks

## Who should attend?

- Technicians who install, manage and maintain the Calix AXOS-based E7-2 platform.

Course and Exam Duration: 1 Hour

Lessons		Topics
<b>01</b>	<b>E7-2 Platform Overview</b>	<ul style="list-style-type: none"> <li>• AXOS Overview</li> <li>• Line Card Overview</li> <li>• PON Standards</li> <li>• NGPON-2</li> </ul>
<b>02</b>	<b>Applications and Features</b>	<ul style="list-style-type: none"> <li>• E7-2 Deployment Models</li> <li>• E7-2 10G PON with E7 GPON (CoExistence)</li> <li>• Supported VLAN Models</li> <li>• Video Services</li> <li>• ONTs</li> <li>• PON Capabilities</li> </ul>

<b>03</b>	<b>Ethernet Transport</b>	<ul style="list-style-type: none"><li>• G.8032v2 Overview</li><li>• ERPS Overview</li><li>• RSTP Overview</li><li>• Link Aggregation Overview</li></ul>
<b>04</b>	<b>System Management</b>	<ul style="list-style-type: none"><li>• Accessing the E7 Management Interface</li><li>• Command Line Interface</li><li>• Embedded Web Interface</li><li>• Services Management Connector (SMx)</li></ul>
<b>05</b>	<b>Using Calix Resources</b>	<ul style="list-style-type: none"><li>• Calix.com</li><li>• My Calix</li><li>• Calix Academy</li></ul>