Course Description

This course provides an introduction to IPv6 technology and describes how to implement IPv6 with dual stack migration within Calix AnyPON networks from the intelligent access edge to customer premises.

Objectives

- Understand the need for IPv6
- Understand IPv6 address notation
- Understand how hosts obtain IPv6 addresses
- Understand the best practices for deploying IPv6 in Calix AnyPON networks

Prerequisite Training and Skills

Basic understanding of Ethernet networks

Who should attend?

This course is intended for network engineers, technicians, and managers who are interested in learning more about the basics of IPv6 and how to implement IPv6 in a Calix AnyPON access network, including best practices and dual stack migration.

Course Duration: 30 minutes

Lessons		Topics
01	IPv6 Basics	Need for IPv6 Introduction to IPv6 Abbreviating IPv6 Addresses Inside an IPv6 Packet Network and Host Portions of an IPv6 Packet Address Types Assigning Addresses to Hosts DHCPv6 Discovery Process SLAAC About EUI-64 Migration With Dual Stack