

Course Description

This course provides an overview of Layer 3 functionality in the access network, a key advantage of Calix AXOS.

Objectives

- Describe the advantages of deploying access nodes that have layer 3 networking capabilities.
- Explain the purpose and high-level functions of the Routing Protocol Module (RPm).
- Explain the purpose and high-level functions of the Subscriber Management Module (SMm).

Who should attend?

This course is intended for those needing an introduction to AXOS-enabled access equipment.

- Network Operations
- Field Technicians
- Engineers/Planners

Prerequisite Training and Skills

- None

Training Resources in My Calix

- [Learning Solutions](#)
- [Certifications](#)

Delivery Mode

This online eLearning course describes the key advantages of deploying access nodes that have layer 3 networking capabilities and explains the purpose and high-level functions of the Routing Protocol Module (RPm) and the Subscriber Management Module (SMm).

Course Duration: 4 hours

Lessons	Topics
01 Key Concepts and Advantages	Learn the key advantages of deploying layer-3 enabled access nodes
02 Defining the Routing Protocol Module (RPm)	Routing protocol summary Load balancing Link redundancy Graceful restart Blackhole Routes
03 Defining the Subscriber Management Module (SMm)	Policy management and charging IP address management Per-service QoS and service isolation Lawful intercept compliance