Extreme networks

COURSE OUTLINE: Switching and Routing Best Practice

BEST PRACTICE
EXTREME SWITCHING & ROUTING
Extreme networks

ASSOCIATED CERTIFICATIONS
Switching and Routing –
Best Practice

COURSE DURATION
1 Day

REGISTER

DELIVERY METHOD
Instructor-Led: In-person and virtual training sessions, both with hands-on lab activities.

COURSE OVERVIEW

The Extreme Best Practice for Switching and Routing examines the necessary topics for designing and implementing Switch Engine and ExtremeXOS in common scenarios. A campus architecture model is presented that will aid in getting the most of Switch Engine features. The course presents a systematic approach to building an enterprise network using the best practice for each essential protocol and its parameters. You'll learn the best practice for using automation features including Zero Touch Provisioning (ZTP+) to save time onboarding and maintaining devices.

WHO SHOULD ATTEND

Professional Service engineers and anyone who is responsible for implementing networks based on Extreme's Switch Engine or ExtremeXOS.

MANDATORY PRE-REQUISITE:

Designed for individuals with professional experience in networking, with basic understanding of Layer 2 and Layer 3 operations fundamentals. Attending Extreme Certified Professional training track on Extreme Switching is recommended.

COURSE OBJECTIVES

Discuss modern approach to network architecture with the features and benefits of Switch Engine.

Explore the best practice for implementing L2/L3 networks including design, infrastructure, and management for edge through core.

AGENDA

- Architecture and Topology
- Switch Selection and Features
- Management best practice
- Port, VLAN, and Discovery Protocols
- Layer 2 Protocols best practice
- Routing and gateway redundancy best practice
- L3 Multicast, PIM
- Security protocols
- Fabric Attach