TECHNICAL TRAINING

COURSE OUTLINE: Extreme Fabric – Advanced Configuration



ASSOCIATED BADGE

Extreme Fabric – Advanced Configuration

COURSE DURATION

Instructor-Led Course Duration: 2 Days

On-demand: 6 hours

REGISTER

DELIVERY METHOD

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

On-Demand: Flexible, self-paced learning without hands-on lab activities.

COURSE OVERVIEW

This course provides an in-depth review of Extreme Networks' Fabric Connect advanced features for integrating SPBM with other protocols and solution requirements. You will see how Anycast IP Gateway is used to optimize routing in the Fabric. Multi-area SPB is examined along with its benefits and configuration of a boundary node. You will learn how to expand the campus configuration by implementing Fabric Extend including concepts of Fabric over SD-WAN. You'll learn how the new Release 9.4 Segmented VRF can secure your network. Redistributing routes from outside protocols into IS-IS is discussed with route policies. Lectures are supported equally with hands-on experience on Universal Hardware 5520s Fabric Engine.

WHO SHOULD ATTEND

This course is designed network administrators, support engineers and integrators responsible for the architecture and administration of the Extreme Networks Fabric Connect switches and devices.

MANDATORY PRE-REQUISITE:

To take part and to gain the most benefit from this training, you must complete Extreme Fabric - Installation and Configuration.

COURSE OBJECTIVES

Upon completion of this course, students will have gained the working knowledge to:

- Implement Segmented VRF in a campus network with Fabric Connect.
- Implement Anycast IP Gateway in a campus network with Fabric Connect.
- Understand the function and configuration of a Multi-area SPB boundary node
- Understand how to expand the campus configuration by implementing Fabric Extend.
- Integrate other protocols and services with Fabric Connect.
- Understand QoS principles within the Fabric

AGENDA

Segmented VRF

Anycast IP Gateway

Multi-Area SPBM

- Architecture
- Configuration

IP Routing Policies

- OSPF
- Route Policies

Fabric Extend (FE)

- FE Function and Operation
- VXLAN, IPsec, NAT Traversal Configuration

Fabric over SD-WAN Overview

- SD-WAN Appliance onboarding
- Application visibility and control

Precision Time Protocol (PTP)

Traffic Handling

Storm Control

Rate Limiting

Extreme Integrated Application Hosting

- Applications
- Use cases

QoS

- Architecture
- Filters

VOSS/FE Vendor Specific Attributes (VSAs)

- Multicast Lite RADIUS VSA Enhancement
- VOSS/FE RADIUS VSA Examples

Endpoint Tracking

Distributed Virtual Routing (DvR)

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