

COURSE OUTLINE:

Extreme Fabric – Advanced Configuration



ASSOCIATED CERTIFICATIONS

Extreme Fabric –
Advanced Configuration



COURSE DURATION

2 Days



DELIVERY METHOD

Available as Classroom
Instructor-led training and Virtual
Instructor-led training.

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 learn how to expand the campus configuration by implementing Fabric Extend including Fabric over SD-WAN. You will see how Distributed Virtual Routing (DvR) is used to optimize routing in the Fabric. Redistributing routes from outside protocols into IS-IS is discussed with route policies. Lectures are supported with hands-on configuration of VSP8400, Universal Hardware 5520, and EXOS.

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 PREREQUISITE

To take part and to gain the most benefit from this training, you must possess the full learning credential in Extreme Fabric - Installation and Configuration. This requires completion of the training and having successfully passed the related exam.

COURSE OBJECTIVES

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

- Implement a DvR network with Fabric Connect.
- Understand how to expand the campus configuration by implementing Fabric Extend and Fabric over SD-WAN.
- Integrate other protocols and services with Fabric Connect.
- Understand QoS principles within the Fabric.
- Take the Extreme Fabric – Advanced Configuration exam.

AGENDA

Distributed Virtual Routing (DvR)

- Function and Operation
- Domains, Controllers, Leaf Nodes
- Host Entries IP Route Policy

VSP IP Routing

- OSPF
- Route Policies

Fabric Extend (FE)

- FE Function and Operation
- Extreme Access Platform Appliance
- VXLAN, IPsec, NAT Traversal Configuration

Fabric over SD-WAN

- SD-WAN onboarding
- Fabric node onboarding
- Application visibility and control

Multi-Area SPBM

- Architecture
- Configuration

Extreme Integrated Application Hosting

- Applications
- Use cases

QoS

- Architecture
- Filters
- Traffic Management

WHERE DOES THIS COURSE FIT IN YOUR PROFESSIONAL PROGRAM LEARNING PATH?

