Extreme networks

COURSE OUTLINE: Extreme Fabric – Troubleshooting

ASSOCIATED CERTIFICATIONS
Extreme Fabric – Troubleshooting

COURSE DURATION
2 Days

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

REGISTER

COURSE OVERVIEW

Extreme Networks' Fabric Connect is an advanced, reliable, high performance network solution. This training course will review the technologies that support the fabric operation and services highlighting their proper operation and ways to determine misconfiguration. Identifying problems at network Layer 1, Layer 2 and Layer 3 and discussed along with how to troubleshoot fabric service issues. Lectures are supported equally with hands-on troubleshooting activities on VSP8400, Universal Hardware 5520, and EXOS.

WHO SHOULD ATTEND

This course is designed for network administrators, support engineers and integrators responsible for the management and troubleshooting 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:

- Utilize VOSS specific tools for troubleshooting Fabric Connect.

- Properly set up the management network and identify problems that may occur.

- Identify a properly configured SPBM node and locate layer 1 and 2 issues.

- Explain how to identify and troubleshoot fabric service issues.

AGENDA

VSP Tools

- Switch Boot and Images
- Switch Logs
- Key Health Indicators and Status Switch

Management and On-Boarding

- Segmented Management Config and Issues
- Fabric Management using GRT and CLIP
- Examining the Onboarding Process

Link Configuration and Issues

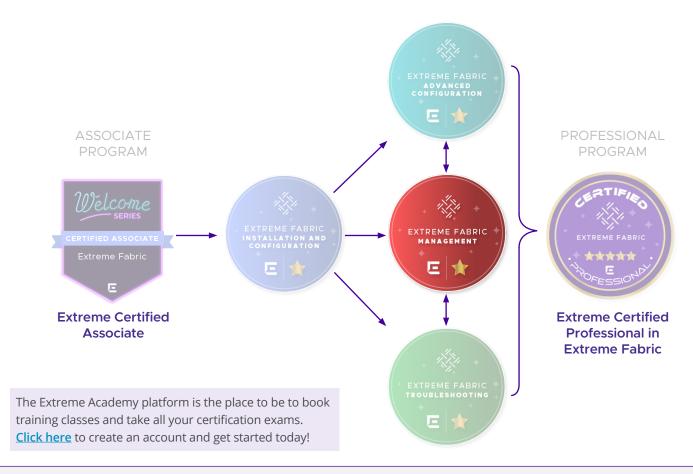- Gigabit Ethernet Port Configuration
- Link Layer Discovery Protocol LLDP

Fabric Connect IS-IS/SPBM Infrastructure

- IS-IS and SPBM Configuration Issues
- Virtual Link Aggregation Control Protocol VLACP
- VIST Core Switch Pair Config and Issues

Fabric Services Troubleshooting

- Layer 2 VSN Config and Issues
- IP-Shortcuts Config and Issues
- Layer 3 VSN Config and Issues
- InterVSN Routing Config and Issues
- IP Multicast Config and Issues

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

ASSOCIATE PROGRAM

PROFESSIONAL PROGRAM

Extreme Certified Associate

Extreme Certified Professional in Extreme Fabric

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