Training: Extreme Networks
Extreme Fabric - Troubleshooting

TRAINING GOALS:

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 VSPs, Universal Hardware 5520, ERS, and EXOS.

Course Objectives

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

- Utilize VOSS specific tools for troubleshooting Fabric Connect.
- Properly setup 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 identifying and troubleshooting fabric service issues.

Audience

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.

CONSPECT:

- VSP Tools
  - Switch Boot and Image
  - Switch Logs
  - Key Health Indicators and Status
- Switch Management and On-Boarding
  - OSS Segmented Management Config and Issues
  - Fabric Management using GRT and CLIP

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    - Examining the Onboarding Proces
- Link Configuration and Issues
    - GigabitEthernet Port Configuration
    - Link Layer Discovery Protocol LLDP
- Fabric Connect IS-IS/SPBM Infrastructure
    - IS-IS and SPBM Configuration Issue
    - Virtual Link Aggregation Control Protocol VLACP
    - VIST Core Switch Pair Config and Issue
- Campus Fabric Services Troubleshooting
    - Layer 2 VSN Config and Issue
    - IP-Shortcuts Config and Issues
    - Layer 3 VSN Config and Issues
    - InterVSN Routing Config and Issue
    - IP Multicast Config and Issue

REQUIREMENTS:

Extreme Fabric – Installation and Configuration certification is a mandatory pre-requisite and **must** be completed before registering for Extreme Fabric – Troubleshooting. Student should have good grasp of SPBM concepts and overall switch management.

Difficulty level



CERTIFICATE:

Participants who pass the assessment will receive a certificate signed by Extreme Networks - Extreme Certified Associate in Extreme Fabric - Troubleshooting

TRAINER:

Authorized Extreme Networks Trainer.

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