TECHNICAL TRAINING

COURSE OUTLINE: Extreme Fabric – Troubleshooting Workshop

COURSE DURATION

1 Day

REGISTER

COURSE OVERVIEW

The Extreme Fabric Troubleshooting Workshop provides a fast-paced walk through essential hands-on exercise to familiarize with key methods that support the fabric operation and services highlighting their proper operation and ways to determine misconfiguration, identify problems at network Layer 1, Layer 2, Layer 3, and discuss how to troubleshoot fabric service issues.

MANDATORY PRE-REQUISITE:

Designed for individuals with professional experience in networking, with basic understanding of Layer 2 and Layer 3 operations fundamentals.

Although the workshop is accompanied by a quick recap of the theory behind covered concepts, it's essential that you grasp this theory at a greater depth beforehand with Extreme Fabric on-demand training in full.

WHO SHOULD ATTEND

This course is designed for network administrators, support engineers and integrators responsible for the deployment, management, and troubleshooting of networks based on Extreme Fabric.

COURSE OBJECTIVES

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

- Utilize VOSS/FE 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/FE Tools

Switch Boot and Images

Switch Logs

Key Health Indicators and Status Switch

©2025 Extreme Networks, Inc. All rights reserved. Extreme Networks and the Extreme Networks logo are trademarks or registered trademarks of Extreme Networks, Inc. in the United States and/or other countries. All other names are the property of their respective owners. For additional information on Extreme Networks Trademarks please see http://www.extremenetworks.com/company/legal/ trademarks. Specifications and product availability are subject to change without notice. 0325-31

AGENDA CONT'D

Link Configuration and Issues

Gigabit Ethernet Port Configuration

Time Domain Reflectometer

Link Layer Discovery Protocol LLDP

Auto-Sense and Fabric Attach

Fabric Attach Issues

Auto-Sense Review and Issues

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

Campus 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

©2025 Extreme Networks, Inc. All rights reserved. Extreme Networks and the Extreme Networks logo are trademarks or registered trademarks of Extreme Networks, Inc. in the United States and/or other countries. All other names are the property of their respective owners. For additional information on Extreme Networks Trademarks please see http://www.extremenetworks.com/company/legal/ trademarks. Specifications and product availability are subject to change without notice. 0325-31