Training: Extreme Networks
# Extreme Fabric - Installation and Configuration

## TRAINING GOALS:

The goal of the course is to equip students to properly install and configure Extreme Networks' Fabric Connect. Students experience the deployment process from the beginning to completion learning all the essential steps and technologies. Lectures are supported equally with hands-on experience on VSP 8400, Universal Hardware 5520s and EXOS. Successful completion results in an operational SPBM fabric with L2VSN, L3VsN, IP-Shortcuts, Fabric Attach and vIST Core Switch Pair.

Course Objectives

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

- To deploy Extreme Networks' Fabric Connect solutions based on reference architectures from Extreme Networks custom

Audience

This course is designed as the first step for individuals responsible for the installation, configuration, and management of the Extreme Networks Fabric Connect switches.

## CONSPECT:

- Extreme Fabric Overview
  - Shortest Path Bridging
  - IS-IS routing
  - Extreme Fabric services
- VSP Switch Management
  - Switching Portfolio
  - Software Management and Upgrade
  - Management Interfaces
- Fabric Connect Infrastructure
  - BVLANs



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    - IS-IS parameters, interfaces and adjacencies
    - Link resilience and VLACP
    - SPB best practices
- Fabric Deployment Options
    - Automation and on-boarding options
    - Auto-sense ports
- Fabric Attach (FA)
    - FA architecture
    - FA elements
    - FA configuration
- Fabric Management
    - CFM
    - IP Shortcuts
    - Mgmt CLIP
    - DHCP Server
- Fabric Edge and Autosense
    - Fabric to the edge
    - Auto-sense configuration
- L2VSN
    - L2VSN Configuration
    - UNI port configuration
    - Multicast
- L3VSN
    - VRF routing
    - Route Redistribution
    - Inter-VSN Routing
- VIST Core Switch Pair
    - Redundancy on the edge of Fabric
    - SMLT Configuration
    - RSMLT
    - SLPP

## REQUIREMENTS:

Welcome Series – Meet Extreme Fabric Connect is a mandatory pre-requisite and **must** be completed before registering for Extreme Fabric – Installation and Configuration.
Students should possess a solid grasp of LAN concepts, including switching and routing, advanced



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Ethernet concepts and TCP/IP Introduction Course.

## Difficulty level



## CERTIFICATE:

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

## TRAINER:

Authorized Extreme Networks Trainer.



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