

# **COURSE OUTLINE: Extreme Switching -Advanced Configuration**





#### **ASSOCIATED CERTIFICATIONS**

Extreme Switching -Advanced Configuration



## **COURSE DURATION**

2 Days



#### **DELIVERY METHOD**

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

# COURSE OVERVIEW

Students will learn methods to enhance their existing switching and routing environment with security, traffic optimization, automation, and integration features. Several network management tasks will be exercised. This knowledge will be reinforced through actual hands-on experience with networking equipment in a lab environment, where students will perform real world tasks.

#### WHO SHOULD ATTEND

This course is designed as the first step for individuals responsible for the installation, configuration, and management of the Extreme Networks family of ExtremeXOS/SwitchEngine switches.

### MANDATORY PREREQUISITE

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

# **COURSE OBJECTIVES**

Upon completion of this course, you will be able to:

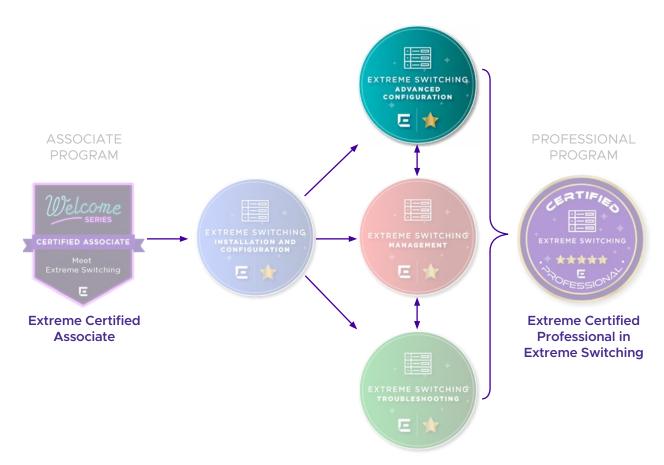
· Implement security mechanisms in ExtremeXOS/ SwitchEngine devices, such as ONEPolicy or ACLs

- Implement traffic optimization techniques e.g., Quality of Service
- Automate, integrate, and enhance ExtremeXOS/ SwitchEngine capabilities with features such as Fabric Attach, CLI scripting as well as Python scripting and Python processes
- · Earn a learning credential on the Professional Programme training path

# **AGENDA**

- Security
  - EXOS Security Overview
  - · Authentication, Authorization and Accounting
  - · Access Control Lists
  - Policy
- Optimization
  - · Traffic Optimization
  - Automation
  - · Fabric Attach
  - Application Telemetry
  - Integrated Application Hosting

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





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