Training: Extreme Networks
ExtremeCloud™ SD-WAN - Management

TRAINING GOALS:

This course relies upon the successful completion of the ExtremeCloudTM SD-WAN Installation and Configuration course and related labs. You will build on this SD-WAN configuration to analyze the WAN application traffic flows and their distribution among major site types: Bridge mode, Router mode, Hybrid mode and Remote Visibility & Control (RVC). This lab intensive course will show you how best to visualize applications within and across the network and then classify and control their flows in a meaningful way. This will include defining new applications for the application dictionary and then implementing an SD-WAN policy using new and existing application groups (AGs) and QoS profiles. With a focus on supporting day-to-day operations, you'll develop competencies in using the ExtremeCloudTM SD-WAN Orchestrator dashboards to recognize and control WAN application flows and generate reports to further visualize your findings.

Course Objectives

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

- Manage the ExtremeCloudTM SD-WAN solution to gain application visibility and control.
- Implement the ExtremeCloudTM SD-WAN services: Application Visibility, Application Control, WAN Optimization and Dynamic WAN Selection (DWS).
- Configure and manage the application dictionary, application groups, and QoS profiles.

Audience

This course is designed for network administrators and any individual responsible for the configuration and management of the ExtremeCloud SD-WAN solution.

CONSPECT:

- ExtremeCloud SD-WAN Management
  - User accounts
  - Licenses
- Applicative Metrics

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    - Metrics measurements and application
    - Throughput and Goodput differences
    - Metrics values: Jitter, Delay, Loss, Retransmissions
    - Experience Quality Score (EQS)
- Application Overview Dashboard
    - SApplications Dashboard data interpretation
    - Lowest 10 EQS and Top 10 Volume
    - Application, Application Group and Criticality
    - SaaS Applications
    - Application Flows
    - Real Time Graphs
- Advanced Reporting & Analysis
    - Report Templates
    - Report Widgets
    - Report Filters
    - Report delivery
    - Report interpretation
- Dynamic WAN Selection (DWS): Visibility
    - Application Groups
    - DWS Policy
    - Application Group visualization through the dashboards and reports
    - Lab 1: Application Visibility
    - Lab 2: Application Control
    - Lab 3: WAN Optimization
    - Lab 4: Dynamic WAN Selection

REQUIREMENTS:

The ExtremeCloud SD-WAN Installation and Configuration course is a mandatory prerequisite. You should have experience with ExtremeCloudTM SD-WAN Orchestrator and a solid grasp of the SD-WAN concepts prior to attending the Management class.

Difficulty level



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CERTIFICATE:

Participants who pass the assessment will receive a certificate signed by Extreme Networks - Extreme Certified Associate in ExtremeCloud™ SD-WAN – Management

TRAINER:

Authorized Extreme Networks Trainer.

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