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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