

# COURSE OUTLINE: ExtremeCloud™ SD-WAN – Management



#### ASSOCIATED BADGE

ExtremeCloud™ SD-WAN –  
Management



#### COURSE DURATION

Instructor-Led: 1 Day  
On-demand: 4 hours

[REGISTER](#)



#### DELIVERY METHOD

**Instructor-Led:** In-person and virtual training sessions, both with hands-on lab activities.

**On-Demand:** Flexible, self-paced learning without hands-on lab activities.

## COURSE OVERVIEW

This course relies upon the successful completion of the ExtremeCloud™ 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 ExtremeCloud SD-WAN Orchestrator dashboards to recognize and control WAN application flows and generate reports to further visualize your findings.

## WHO SHOULD ATTEND

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

## PRE-REQUISITE:

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

## COURSE OBJECTIVES

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

- Manage the ExtremeCloud SD-WAN solution to gain application visibility and control.
- Implement the ExtremeCloud 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

# AGENDA

## ExtremeCloud™ SD-WAN Management

- User accounts
- Licenses

## Applicative Metrics

- Metrics measurements and application
- Throughput and Goodput differences
- Metrics values: Jitter, Delay, Loss, Retransmissions
- Experience Quality Score (EQS)

## Application Overview Dashboard

- Applications 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

