



Arista Management Essentials

AME Training

Course Description:

This 2-day, instructor-led, hands-on, course covers an in-depth look at using Arista CloudVision to manage and operate Arista devices through the programmability of the Arista EOS® (Extensible Operating System) software. The course provides an overview of the architecture and operation of the CloudVision platforms. It also introduces the concepts of a hierarchical policy based configuration model through the use of configlets and automation through the use of configlet builders. The course also highlights how Cloudvision streamlines and modernizes operation through change control, zero touch replacement, switch image upgrades, bug alerts, network wide telemetry and API integration.

Who should Attend:

This course is recommended for network architects, network engineers, and network operators who are looking to modernize and automate the management and operations of their Arista EOS devices.

Prerequisites:

A basic knowledge of Arista EOS and configuration is required for AME. The Arista Configuration Essentials (ACE) course is highly recommended. At a minimum, you should have a working knowledge of L2 and L3 networking concepts and be comfortable with: CLI configuration, Arista Zero Touch Provisioning (ZTP), and switch image upgrades. Familiarity with VXLAN and Python are a plus, but not required.

Course Agenda:

Day 1:

CloudVision Overview

CloudVision UI Intro and Navigation

Introduction to Configlets

Configlet Builder

CloudVision Exchange

Day 2:

Change Control in CloudVision

Switch Image Upgrades using CloudVision

Zero Touch Replacement with CloudVision

CloudVision Application Maintenance

Telemetry in CloudVision

CloudVision API Integration

Hands-on Labs:

Lab 1: Navigating CloudVision Portal (CVP)

Lab 2: Initial Setup with ZTP

Lab 3: Configlet Management

Lab 4: Configlet Builder

Lab 5: Change Control Management

Lab 6: Switch Image Upgrades

Lab 7: CloudVision Portal Application Maintenance

Lab 8: Network Telemetry

Lab 9: Cloudvision Python API

Logistics:

- CVP Version 2017.2.0
- Length of Class: 2 days
- Formats Delivered: In-person and Virtual
- Students should bring a laptop (Mac or Windows) to in-person class
- Government issued may ID required entry into building for public classes
- Internet access and Browser required for Virtual class
- A full schedule is available at <https://solutions.arista.com/ame-training>
- Contact training@arista.com for pricing information
- Registration online: <https://solutions.arista.com/ame-training>, or email training@arista.com