SDN

Arista Cloud Engineer, CVP Specialist

ARISTA
ACE
Specialist
CloudVision Portal

SKILLS ACQUIRED
Establishes sound understanding and technical proficiency required to deploy, operate, and manage CVP for a Leaf-Spine network.

WHO IS IT FOR?
ACE:CVP Specialist is best suited for engineers with at least mid-level networking experience and who have previous exposure to the basics of Python and Ansible and who are in network management and automation positions, or are looking to progress into these positions.

Beginner ──────────────── Expert

LAB TIME
This course includes hands-on virtual labs built on current versions of EOS and CloudVision.
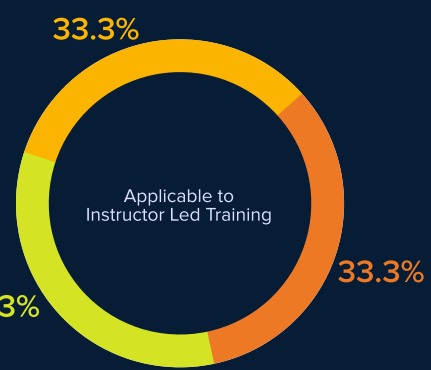
3 weeks access to Labs

3 Days
Instructor Led

2.5 Weeks
Work on labs independently to refine skills

COURSE OVERVIEW
ACE:CVP Specialist is a 3-day course which will establish sound understanding and technical proficiency to deploy, operate, and manage CVP for a Leaf-Spine network. This course explores how CVP is used as a turnkey solution for network-wide workload orchestration, workflow automation, and real-time visibility into network operations. Extensive hands-on tasks are used with CloudVision, Ansible and Python to demonstrate advanced widgets and change control workflows for Data Center Day 1 & 2 Operations. In addition, you will examine advanced automation and optimization using CloudVision Studios.

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Applicable to Instructor Led Training

- Introduction to CloudVision
- CloudVision Functionality
- Advanced Automation with CVP
- Labs

Introduction to CloudVision
- Introduction to CloudVision
- Automation Landscape
- Deployment Options
- Portal Communication

CloudVision Functionality
- Zero Touch Provisioning (ZTP)
- Initial Deployment
- BugAlerts EOL Lifecycle
- Configlets
- Tasks and Change Control
- Change Control Templates
- Snapshots
- Rollback Overview
- Image Management
- Devices, Labels and Tags
- CloudVision Telemetry
- Advanced Widgets

Advanced Automation with CVP
- Using Studios
- Ansible and CloudVision Portal
- Basics of Python Scripting
- Variables Basics
- Math and Strings
- If/Else
- Loops
- File Operations
- Functions
- Modules
- Other Python Components
- Using API, Python, and Ansible with CVP
- Creating a Configlet Builder in Python for EVPN Deployments
- Creating the Configlet Builder
- The Python Code
- Advanced Studios

Labs
- Lab Access
- Navigating CloudVision Portal
- Configlet Builder
- Change Control
- Dashboard and Alerts
- Configlet Builder to Configure Interfaces from YAML
- Using Studios
- Building Studios

MODALITIES
Our aim is to provide high quality training that is flexible and accessible for modern needs.

Instructor-led Training

Arista Academy
P R O

ADDITIONAL INFORMATION
Verification from an official Arista training partner is required to register and take an exam. Instructor-led and self-study options are available. Look for these badges prior to purchasing your training.

ARISTA TRAINING PARTNER AUTHORIZED

ARISTA TRAINING PARTNER ELITE

ARISTA TRAINING PARTNER SILVERPLUS

ARISTA Training and Certification Official Curriculum