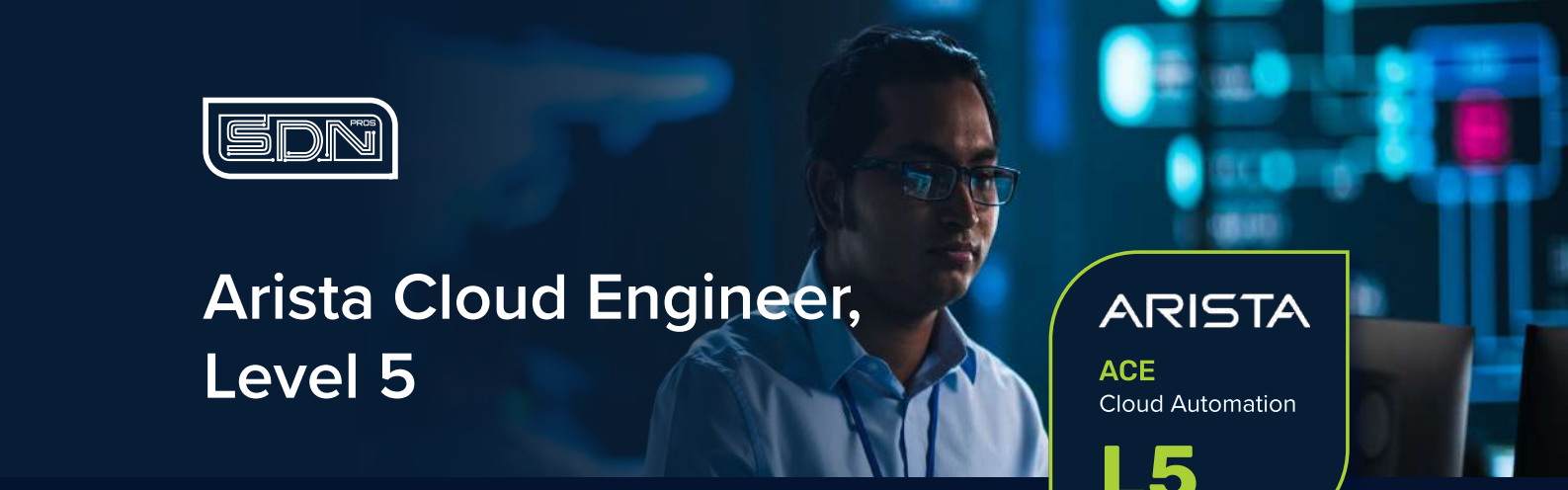


Arista Cloud Engineer, Level 5

ARISTA
ACE
Cloud Automation
L5

SKILLS ACQUIRED

Designed to give network engineers, architects, and operations staff the needed skills, tools, and strategies to automate the Arista network infrastructure.

WHO IS IT FOR?

ACE:L5 is most effective for individuals with mid-to-high level experience as network engineers with prior exposure to Python and Ansible Basics. This course is suitable for engineers looking to progress into mid or upper level operations positions within modern, technology-oriented organizations.

Beginner — Expert

LAB TIME

This course includes hands-on virtual labs built on current versions of EOS and CloudVision.

3 Weeks

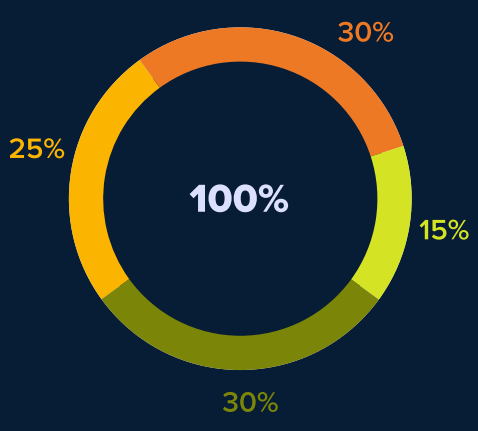
3 weeks access to Labs

1 week
Instructor Led

2 weeks
Work on labs independently to refine skills

COURSE OVERVIEW

ACE:L5 is a 5-day course that is designed to give network engineers, architects, and operations staff the needed skills, tools, and strategies to automate the Arista network infrastructure. The course focuses on CloudVision automation leveraging Ansible, Python, and other commonly used automation languages. Extensive practical workshops are used to solidify discussion concepts.



- **Automation and NetOps**
- **CloudVision**
- **Configlet Builder with Python**
- **Automating Leaf-Spine with Ansible**

Automation and NetOps

- Network Automation
- Tools of Network Automation
- Languages
- Python
- APIs
- Structured Data
- Postman with APIs
- Git, Git Client and GitHub

Configlet Builder with Python

- Python Scripting
- Variables
- Math and Strings
- Loops
- File Operations
- Functions
- Modules and other components
- Using SPI, Python and Ansible with CVP
- Creating Configlet Builder in Python for EVPN Deployments
- Creating the Configlet Builder
- Python Code

CloudVision

- CloudVision Portal (CVP)
- Automation Language
- CloudVision Deployment
- CVP Communication
- BugAlerts EOL Lifecycle
- Configlets
- Task and Change Control
- Snapshots
- Rollback
- Image Management
- Devices, Labels, and Tags
- CloudVision Telemetry
- Using Studios

Automating Leaf-Spine with Ansible

- Ansible
- Ansible Components
- Preparing EOS for Ansible
- The Playbook
- Variable in Ansible
- Extended Layouts for Playbooks
- Ansible with Jinja
- Ansible and CloudVision Portal
- Ansible and Arista Validated Designs (AVD)

MODALITIES

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

Instructor-led Training

Arista Academy
BASIC

Arista Academy
PRO

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 ELITEPLUS
TRAINING AND CERTIFICATION ARISTA OFFICIAL CURRICULUM