Arista Cloud Engineer Level 5 – Cloud Automation (ACE: L5)

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.

WHO WILL BENEFIT FROM THIS COURSE?

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.

WHAT WILL YOU LEARN IN THIS COURSE?

This course is designed to give network engineers, architects, and operations staff the needed skills, tools, and strategies to automate the Arista network infrastructure.

COURSE OUTLINE

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

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

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

Automating the 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)

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their technology Investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience

- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience
- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience
- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service
- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

Interested in Private Group Training?

Contact Us