Arista Certified Engineering Associate

ACE-A Certification Exam

Exam Description

This exam seeks to certify those who demonstrate a thorough understanding of Arista hardware and software (Extensible Operating System EOS), and the theory, operation, and configuration of Arista differentiated features such as VM Tracer, Latency Analyzer (LANZ), Multi-Chassis Lag (MLAG), and Advanced Event Management (AEM). Experience with Linux, Bash, and Python is a plus. The goal of this exam is to test the candidate's knowledge of Arista products and to see if they are capable of managing and maintaining an Arista switch. This test is heavily geared towards EOS CLI, and Arista-specific features or differentiators. In short, this is not a networking exam. This is a "do you know how to operate an Arista switch" exam.

Why ACE-A Certification?

Certification as an Arista Certified Engineering Associate marks you as a leader in understanding the configuration and management of the most advanced cloud networking products, leading a massive shift in the networking industry.

Who Should Take This Exam?

Network engineers, network operators, and network administrators who are interested in understanding, configuring, and testing Arista's differentiating features.

Prerequisites and Preparation

Candidates should be comfortable with configuring a network device through the CLI and should have a working knowledge of L2 and L3 protocols. Experience with Linux Bash and Python is a plus. This is an Arista Networking associate-level exam. As such, there will be no questions about programming, though we might ask how to configure eAPI in CLI. We do not ask about routing protocols, but we might ask how to configure a feature that utilizes XMPP. We might ask about a simple bash command that you might learn in the ACE class, but you are not expected to be a Linux administrator for this exam. We recommend that you take an Arista Configuration Essentials Class before taking this exam.

ARISTA
Software Driven Cloud Networking

Topics Covered

Switch Administration

- Booting
- Initial Configuration
- Password Recovery
- Default Features

Hardware

- Ethernet
- Management
- USB Ports
- Airflow
- General Hardware Design

ZTP

Multi-Switch CLI (XMPP)

MLAG

EOS

- Linux
- Initial Boot Configuration
- Agents
- Aboot

VXLAN

Monitoring

VM Tracer

DANZ

- Tap Aggregation
- Agile Ports
- Advanced Monitoring

eAPI

Exam Format

- Number of questions: 100
- Format: multiple choice
- Passing score: 80%
- Length of exam: 90 minutes
- Cost of exam: $295
- Non-disclosure agreeemnt administered at the start of the exam.
- EOS-4.12.1.swi, EOS-4.14.1F.swi, and EOS-4.15.1F.swi.
- Note that we generally try not to ask questions where the answer changes between releases of code.

Sample Questions

Which of the following commands will not be accepted by the parser in EOS?

- Show interfaces ethernet 1
- Show interface ethernet 1
- Line vty 0 15
- Management telnet

Which of the following interface types are not found on Arista switches?

- Ethernet
- Token Ring
- Management
- ArcNet

In an MLAG domain, what are the terms used to identify each switch?

- Primary/Secondary
- Root/Secondary Root
- First/Second
- Active/Standby

What color are the handles on the fans of an Arista DCS-7150S-24-CL if hot air is blowing out the interface side of the switch?

- Red
- Blue
- Black
- The fans on this model don't have handles

What does VTEP stand for?

- Virtual Tunnel End-Pointer
- Virtual Tunnel End-Point
- Virtual Time-Encrypted Protocol
- Virtual Time-Enabled Protocol