



Harnessing Technology with Education

ACE-A

Arista Certified Engineering Associate



This 5-day course is a lab intensive class designed for the Network Administrators, Network Security Administrators, Firewall and Server Administrators and IT Professionals involved in network configuration and management of Arista Network Devices.

- ✓ Superior Quality
- ✓ Money Back Guarantee



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Arista ACE-A 5-Day Boot Camp

This 5-day course is a hands-on, example-rich approach, providing vital peer advice, product information, detailed procedures and real-world troubleshooting tips from experienced Networking Certified Trainers. Students will be able to operate, maintain and even design medium to very large computing environments that use Arista networking equipment as their infrastructure

Audience Profile:

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

Minimum Requirements:

- Basic understanding of router and switch operation
- Basic understanding how L2/L3 devices are implemented
- Basic understanding of network solutions and architectures.
- CCENT or CCNA is a plus

Key Topics:

- Arista Hardware
- Switch Administration and Monitoring
- EOS, ZTP, Multi-Layer Switching, VXLAN, VM Tracer and DANZ

Extensive Labs and Hands-On Sessions:

- Each Instructor brings years of field experience to the classroom
- Each student will design and configure a flat, two tiers, collapse core and three tiers network
- Each student will "learn by doing" with hands-on labs following instructor led training.
- Each student has exclusive access to latest Arista EOS and necessary hardware for lab works.

End of Class Expectation:

- Student can manage basic Arista infrastructure (Hardware, Software, Virtualization and Monitoring)
- Student can comfortably implement a flat, two tiers, collapse core and three tiers network
- Understand and Implement a redundancy network using Arista's network
- Implement a High Availability (HA) with Performance Enhancement in Layer 2 and 3 infrastructure
- Securing Arista's network equipment

Course Content

Switch Administration

- Booting
- Initial Configuration
- Password Recovery
- Default Features

Hardware

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

ZTP – Zero Touch Provisioning

Multi-Switching CLI (XMPP)

MLAG – Multi-chassis Link Aggregation protocol

EOS – Extensible Operating System

- Linux
- Initial Boot Configuration
- Agents
- Aboot

VXLAN

Monitoring

VM Tracer

DANZ – Arista Data Analyzer

- Tap Aggregation
- Agile Ports
- Advanced Monitoring

eAPI



Why ETEC?

Information Technology certification training is a valuable investment. Having certified personnel translates into skill set expertise, reduced network down time, industry recognition and competitive advantage. Certification is also good for your organization because it strengthens the core competencies of your team.

At ETEC, we take pride in our exceptional veteran IT instructors, our training facilities and our teaching methods.

ETEC has the resources and expertise to deliver an exceptional learning experience to not only meet, but exceed your expectations. We are confident our comprehensive training program surpasses all others and provides you with a significant return on investment -- And We Guarantee It!

Subject Matter Expert Instructors:

Our experienced instructors come from diverse positions such as the US Navy Nuclear Power Program, ISP, IT consulting firms, educational and business networks. ETEC instructors have the most up to date information about the IT industry and meet the high standards we have set and that our students expect. All of our instructors have:

- ✓ Practical real-world networking and consulting experience
- ✓ Significant in-class teaching experience prior to joining ETEC
- ✓ Certified Technical Trainer certification
- ✓ A personal commitment and a vested interest in seeing each of their students succeed

Proven Methods:

Our teaching philosophy focuses on subject-matter comprehension rather than rote memorization techniques. ETEC founders utilized their experience as Naval Nuclear Power Program Trainers to design ETEC training programs based on intensive training techniques developed for the Department of Defense by MIT.

Course Development:

ETEC's High Quality standards have been incorporated into our course development and our best of breed proprietary courseware. ETEC has a staff of course developers that are continually updating our courseware and practice exams to insure only the highest quality material is used in class.