



## Arista Configuration Essentials Training Class (ACE) Overview

Arista Networks offers a 3-day, instructor led, hands-on-training class for anyone involved in the installation, configuration, daily management, break-fix, and technical support of Arista switching products. System engineers, network engineers, network operators, and network administrators are those that typically attend this training. At the end of the third day, those that attend all 3 days, will become an Arista Configuration Essentials subject matter expert.

This three-day training is being offered in several major global cities, and is fee based. For information on the city locations, the cost of the training, and how to order please see the following URL:

<http://www.aristanetworks.com/en/support/hotsyllabus>

As the class sizes are limited Arista encourages anyone interested to sign up as early as possible. Class sizes are restricted to insure that all students have ample access to the hands on lab modules.

Given the technical and hands on nature of the content, this training class is not available remotely, via live or recorded videos. Arista has seen much better training results when the students attend in person, in a more intimate hands-on classroom and lab setting.

Students need to bring their laptops for lab sessions as well as following and making notes to the course material electronically.

The following provides a summarized overview on the course material, and what to expect each day.

### Day 1

- Data Center networking architecture evolution(s) and how Arista products fulfill these requirements. This includes a review of the Arista internal and external switching architecture.
- Layer-2 switching concepts, designs, and forwarding modes including spanning tree, link aggregation, and multi-link aggregation (MLAG).

- Overview of Arista's Extensible Network Operating System (EOS) and configuration basics. This includes the configuration of the aforementioned forwarding modes, SNMP, and basic monitoring.

#### Day 2

- Layer 3 switching concepts and implementation including many aspects of OSPF, BGP, ECMP, router redundancy and router related helpers.
- Management and monitoring including security features and settings, authentication, SNMP, automated provisioning, and SFLOW.
- Maintenance and troubleshooting including software upgrading, updates, recovery, troubleshooting, and contacting Arista support.

#### Day 3

- Multicast IGMP, PIM, and Anycast including RP configuration, monitoring and troubleshooting.
- Data plane security and control plane access control lists (ACL's).
- Integration with VMware vSphere architecture including discovery, tracing and moving virtual machines via Arista's EOS VM Tracer features.

For enrolling in the course please provide the following information and send it to the following location: [a-plus@aristanetworks.com](mailto:a-plus@aristanetworks.com). Registration confirmation will be sent after receiving this information.

- First and Last Name
- Job title (not mandatory)
- Email address
- Primary phone number
- Company and address
- Company phone number
- Date and location of desired class
- Purchase order number for the training SKU (TRAIN-1)

Attendees will receive classroom location and additional information in a separate pre-class information file. Dress code is "come as you please." A one-hour lunch break is given (note-students go out as lunch is not provided).

For additional questions please send an email to [a-plus@aristanetworks.com](mailto:a-plus@aristanetworks.com).

