

# Arista Data Center Engineering Track

**Price:** 3995

**Duration:** 5 days

**Delivery Methods:** Virtual

## Overview

This course is designed to provide in-depth knowledge and hands-on experience in designing, configuring, and troubleshooting Data Center networks using Arista technologies. Participants will gain expertise in Layer 2 and Layer 3 Leaf-Spine architectures, VXLAN and EVPN overlays, and CloudVision provisioning and monitoring. Certification- Level3 Specialist Data Center Engineering.

## Course Objectives

By the end of this course, you will be able to:

- Design and implement Layer 2 and Layer 3 Leaf-Spine architectures
- Configure and troubleshoot VXLAN and EVPN overlays
- Use CloudVision for provisioning, monitoring, and automation
- Perform upgrades and monitor EOS operations
- Understand best practices for Data Center network design

## Course Outline

### Layer 2 Leaf-Spine (L2LS) Design Overview

- Drivers for Layer 2 Leaf Spine Topologies
- L2LS Design Overview
- L2LS Architecture: Plan for Performance, Redundancy, and Growth

### Layer 2 Technologies

- VLANs

- STP
- LACP
- MLAG
- Default Gateway Redundancy (FHRP)

### **Building L2LS Fabric**

- Build L2LS DC Network Using CLI
- Build L2LS DC Network Using CVP Configlets

### **Layer 3 Leaf-Spine Design**

- L2LS Review
- L3LS Design

### **Underlay Routing Options**

- OSPF
- IS-IS
- Introduction to BGP
- eBGP Underlay Configuration
- BGP Underlay Deployment Options

### **VXLAN Design**

- VXLAN Overview
- VXLAN Control Plane Options
- VXLAN With MLAG
- VXLAN Best Practices
- Troubleshooting VXLAN

### **EVPN Overlay**

- eVPN Fundamentals
- eVPN Advanced Concepts
- eVPN Multihoming
- eVPN Design Best Practices
- Configuring L3LS DC Network with CVP Studios

### **CloudVision Overview & Setup**

- Cloudvision Overview
- Cloudvision Setup

### **CloudVision Provisioning**

- Device Registration
- Network Provisioning
- Zero Touch Provisioning

### **CloudVision Studios**

- Studios Overview
- Configuring L3LS DC Network with CVP Studio

### **Monitoring with CVP**

- Monitoring Devices with CVP
- Dashboards
- Events
- Topology

### **EOS Ops Upgrade, Monitor, Troubleshoot**

- EOS Reloads and Upgrades
- EOS Monitoring Tools
- Advanced Event Management (AEM)
- Troubleshooting EOS Hardware & Software

### **Prerequisites**

Participants should have a foundational understanding of networking concepts, including Ethernet, IP addressing, and routing protocols. Familiarity with Arista EOS and basic CLI operations is recommended.

### **Course Schedule**

<b>Date</b>	<b>Time</b>	<b>Price</b>	<b>Options</b>
<b>07/13/2026</b>	<b>09:00 AM - 05:00 PM CT</b>	<b>3,995.00</b>	<a href="#"><u>Buy Now</u></a> <a href="#"><u>Enroll</u></a>

Date	Time	Price	Options
06/01/2026	09:00 AM - 05:00 PM CT	3,995.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

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Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

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You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.