

ARISTA VXLAN/EVPN FABRIC TEST DRIVE

Service Overview:

At Netnology, we specialize in Arista High-Performance Fabric enablement and implementation services to expedite the adoption of modern, scalable data center solutions. The test-drive offer will help customers develop a baseline understanding of Arista-powered VXLAN/EVPN solutions and their value proposition.

This 2–4-hour session will demonstrate the working of a fully automated Arista fabric using CloudVision Portal (CVP), Arista Validated Designs (AVD), and much more. It will also highlight the ease of configuration and manageability of this integrated solution.

This test-drive is built and delivered by subject matter experts (SMEs) who have extensive experience working with Arista-based fabric solutions.

Solution Overview:

Arista's VXLAN/EVPN solution is at the forefront of modernizing data center networks through automation, scalability, and real-time operational visibility. Leveraging Arista's CloudVision Portal (CVP) and Arista Validated Designs (AVD), the solution enables streamlined deployment and lifecycle management of leaf-spine fabrics, supporting modern workloads and data center evolution.

Built on Arista's 7000 Series switches and powered by EOS, the solution delivers consistent low latency, deep buffering, and rich telemetry — ideal for performance-sensitive environments such as AI/ML, high-performance computing, and modern enterprise applications. Through CloudVision's centralized management and automation capabilities, organizations can easily deploy, monitor, and manage large-scale VXLAN/EVPN fabrics with minimal manual intervention.

- Automated Fabric Deployment: Accelerates VXLAN/EVPN fabric rollouts using Arista Validated Designs (AVD) and CVP-based automation.
- High-Performance Networking: Arista 7000 Series switches deliver ultra-low latency and deep buffering for demanding workloads.
- CloudVision Telemetry: Provides real-time visibility, intent-based configuration, and proactive operational analytics.
- Versatile Deployment: Supports large-scale centralized data centers and distributed edge architectures.
- Standards-Based Integration: Seamlessly integrates with multi-vendor ecosystems and open frameworks, enabling long-term flexibility and investment protection.

Service Benefits:

Netnology has a team of world-class engineers who specialize in Arista fabric solutions and are passionate about customer success. Netnology will partner with you to provide guidance on:

- Designing customized VXLAN/EVPN fabric strategies aligned with your business and technical goals.
- Enabling smooth deployment and integration of Arista CVP and AVD into your existing infrastructure.
- Tuning network performance and automation workflows to ensure scalable, efficient, and resilient operations.

Scope of Services:

As part of the 2–4-hour Test Drive engagement, Netnology will provide the following services:

- Solution Overview
- Solution Value Proposition
- Solution Use-case Demo
 - Arista Network Fabric with CloudVision and AVD
 - Fabric topology overview (leaf-spine architecture)
 - Underlay and VXLAN/EVPN overlay validation
 - Zero-touch provisioning with CloudVision and AVD
 - Centralized configuration and telemetry via CVP
 - Automation
 - Configlet generation and deployment
 - Change control and compliance monitoring
 - Operational Visibility & Troubleshooting
 - Real-time telemetry and streaming analytics
 - Event-driven workflows and alerting
 - Topology view and fabric-wide state validation
- Lessons learned and enhancements

Target Audience:

This service is designed for candidates with little Cisco Network and Compute experience or prior knowledge.

Service Deliverables:

No.	Deliverable	Service Details
1.	Concepts	<ul style="list-style-type: none"> • Solution Overview • Environment Overview • Use-Case Overview
2.	Value-Prop	<ul style="list-style-type: none"> • Ease of configuration • Ease of manageability
3.	Execution	<ul style="list-style-type: none"> • Arista VXLAN/EVPN Fabric Deployment • Automation using CloudVision and AVD • Real-time visibility and operational workflows
4.	Wrap-up	<ul style="list-style-type: none"> • Lessons Learned • Q&A