

Training: Aruba

Orchestrating Data Center Networks with HPE Aruba Networking Fabric Composer



TRAINING TERMS

2025-06-04 | 3 days | Virtual Classroom

TRAINING GOALS:

Aruba Fabric Composer allows a network administrator to orchestrate data center fabrics using a guided, step-by-step approach. Aruba Fabric Composer applies best practice configurations and ensures a fast and error-free deployment. This course will help a student understand and use Aruba Fabric Composer in a datacenter environment.

Objectives

After you successfully complete this course, expect to be able to:

- Describe Aruba Fabric Composer features and functions
- Install, operate and manage Aruba Fabric Composer
- Manage Switches with Aruba Fabric Composer
- Create AOS-CX VSX pairs and VSF stacks
- Create a layer 2 data center fabric
- Create a layer 3 / leaf-spine fabric with a VXLAN overlay and an EVPN control plane
- Integrate with Aruba NetEdit, HPE Servers using ILO Amplifier, and VMware vSphere

Target Audience

Network engineers with 2-3 years of experience that need to design, manage and troubleshoot data center networks.

CONSPECT:

- Aruba Fabric Composer Introduction
 - Data Center Network introduction
 - Data Center design
 - Aruba Fabric Composer (AFC) fabrics
 - AFC integration with multiple platforms
- Installing Aruba Fabric Composer

- Install options
- Hardware requirements
- AFC install using OVA
- AFC install using ISO
- Licenses
- Operation and Administration
 - Graphical user interface
 - User creation
 - LDAP integration
 - Logs and troubleshooting
- Switch Management
 - Discovery
 - Configuration
 - Management
 - Monitoring
 - Upgrades
- AOS-CX Virtualization and Stacking
 - Virtualization technologies
 - VSX
 - VSF
- Leaf-Spine Introduction
 - L2 Leaf-Spine
 - L3 Leaf-Spine
- EVPN
 - Underlay and overlay concepts
 - Configure a data fabric with EVPN overlay
- Integration with HPE Aruba
 - Integrating AFC with HPE products
 - Key advantages of watch integration
- VMware Integration
 - Integration with VMware products and solutions
 - AFC integration benefits to VMware vSphere, SDDC and NSX-T
- Nutanix Prism Integration
 - Integrate AFC and Nutanix Prism and its benefits
- Rest API
 - Rest API operations and methods

- AFC API Explorer
- External resources for AFC automation

REQUIREMENTS:

Aruba highly recommends learners have a networking knowledge equivalent to the Aruba Certified Switching Professional (ACSP) certification. Additionally, knowledge of VXLAN and MP-BGP technologies and configuration are recommended.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Aruba Networks.

TRAINER:

Aruba Networks Certified Trainer