



Orchestrating Data Center Networks with Aruba Fabric Composer (AR-OAFC)

Course Description

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.

Course Duration:

3 days

Prerequisites

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.

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

Course Outline

- **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

Who Should Attend

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