

## Configuring Data Center Networks with Aruba OS CX (CDCNCX)

ID CDCNCX Price on request Duration 3 days

### Who should attend

This course is ideal for Aruba partners, customers and employees who have minimum of 3 years of experience implementing and designing enterprise level networks.

Candidates should demonstrate an ability to understand, configure and implement modern data centers based on Aruba Switching solutions that provide a simplified, scalable and automated Ethernet fabric that connects virtualized compute, storage, and cloud services.

### This course is part of the following Certifications

HPE Product Certified - Aruba Data Center Network Specialist (ADCNS)

### Course Objectives

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

- Understand the components of the ArubaOS-CX Switching architecture.
- Describe common datacenter networking requirements.
- Describe the benefits of VSX implementation in a Data Center
- Understand, describe and configure VRF which enables a switch to run multiple routing instances in a network.
- Understand, describe and configure VXLAN functionality. VXLAN provides an alternative to the traditional VLAN concept.
- Understand, describe and configure EVPN to transport VXLAN thru the datacenter.
- Understand, describe and configure Datacenter Bridging (DCB) that is a technology that enables the consolidation of IP-based LAN traffic and block-based storage traffic onto a single converged Ethernet network. This can help to eliminate the need to build separate infrastructures for LAN systems that carry typical end-user data traffic, and SAN systems that carry storage-specific communications.
- Understand, describe and configure Ethernet Ring Protection Switching (ERPS) which enable enables ethernet ring topologies with a fast convergence.
- Describe requirements for a datacenter network design.

- Describe different datacenter deployment models.
- Understand various data center technologies and their impact on a design.

### Course Content

- Intro to DCN
- NetEdit
- Virtual Switching Extension (VSX)
- Data Center Bridging (DCB)
- Virtual Routing and Forwarding (VRF)
- VXLAN
- EVPN
- DCI
- NAE
- Data Center Networks Design

Training Centres worldwide



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