

Implementing Data Center Networks, Rev. 23.41

Course Details

The Implementing Data Center Networks course provides the skills and knowledge to design, implement, and configure complex data center solutions based on AOS-CX switches. Data center networks are at a breaking point. HPE offers a new architectural approach that provides simplified, scalable, and automated connectivity for virtualized compute, storage, and cloud. Data center networking requirements have evolved rapidly, with emerging technologies increasingly focused on supporting more automation and simplified operations in virtualized data centers. This course will explain the HPE Aruba Networking solutions and technologies for data center networks and their use cases for traditional two and three-tier and modern spine and leaf data center architectures.

Ideal Candidate for this Course: Typical candidates for this course are network professionals responsible for planning, implementing, and supporting data center networking infrastructure.

Suggested Prerequisites: ArubaOS-CX Switching Fundamentals, Implementing ArubaOS-CX Switching OR Aruba Campus Access Fundamentals, Implementing Aruba Campus Access

Mandatory Requirement: All attendees must have a valid HPE Learner ID to join the course. This is to ensure the class shows against their profile.

Course Objectives:

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

- Describe data center (DC) networking requirements and typical use cases for the HPE Aruba Networking portfolio in this environment.
- List common methods for deploying AOS-CX switches into data centers.
- Explain the technologies and frequent configurations used in an L2 collapsed core and spine and leaf DC implementations.
- Identify monitoring and troubleshooting options from HPE for data center networks.
- Recognize possible optimizations for DC switch configurations.
- Implement security policy for your data center network.
- Design and validate a data center network.
- Deploy HPE Aruba Networking data center switches into greenfield or brownfield network environments.
- Integrate HPE Aruba Networking data center switches with other products, such as servers, storage, hypervisors, and so forth, from HPE or 3rd party vendors.
- Troubleshoot, monitor, and maintain data center networks.

Places are limited so please register

Course Code: 0001205541

Course Exam: HPE7-A05

Location: VILT

Times: 9:00 GMT – 17:00 BST

[Download course data sheet](#)

Please note the certification exam is not included.

As Pearson Vue manage the exam process, vouchers can be purchased from <https://home.pearsonvue.com/hpe.aspx> or from EvoLearn.

This exam requires an HPE6 exam voucher costing £260/€260 excluding VAT.

[Register your interest here](#)

Places on this course are limited and are available to new candidates only. If you have previously taken this course or hold the associated certification you will not be eligible for this training. There is a nominations process in place to ensure a fair allocation of spaces. Registering your interest does not guarantee a place on the course, and your application will need to be approved by Aruba. Please register your interest [here](#).