

Implementing Aruba Campus Access, Rev. 23.11

Course description

This course teaches you the advanced skills necessary to implement and operate enterprise-level Aruba Campus Access solutions. You will build on the skills you learned at the Associate level to configure, secure, and manage modern, open standards-based wired and wireless network solutions using Aruba's switching, mobility, security, and management technologies. In this course, participants learn about technologies including but not limited to: secure port access with Aruba's dynamic segmentation, redundancy technologies such as Multiple Spanning Tree Protocol (MSTP), link aggregation techniques, including Link Aggregation Control Protocol (LACP) and switch virtualization with Aruba's Virtual Switching Extension (VSX) and Aruba's Virtual Switching Framework (VSF). This course is approximately 50% lecture and 50% hands-on lab exercises.

Ideal candidate for this course

The ideal candidate has 2 to 5 years experience with Aruba portfolio and an understanding of the implications of their actions on the network, impact and risk of change management.

They have a distinguished understanding of different protocols across vendors, performance optimization across network disciplines, and a basic understanding of API calls and configuration. They can identify and fix configuration issues.

Suggested prerequisites

It is recommended that candidates have proficient networking experience or attend Aruba's Campus Access Fundamentals to glean knowledge on Aruba's Campus Access design solution.

Topics

- Introduction to Aruba Solutions
- Building the Wired infrastructure
- Building the Wireless infrastructure with Aruba Gateways
- Introducing the Aruba Tunneled WLAN Architecture
- Wireless Authentication using 802.1X
- Guest or Captive Portal
- Wireless Authentication for IOT PSK SSID
- Gateway Forwarding Modes
- Gateway Cluster Deployments
- Authentication on the Wired access layer
- Building a VXLAN tunnel and use GBP
- Security / Availability features
- Traffic optimization and QOS
- Monitoring
- Troubleshooting (to be integrated in other lab activities)

Objectives

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

- Build a Wired Infrastructure with Aruba Switches
- Configure Aruba Switches with VSX
- Configure routing using OSPF
- Manage Aruba Switches using Aruba Central

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| Course ID | 0001199936 |
| Course format, Typical duration | Select one: VILT – Virtual Instructor Led, 5 days ILT – Instructor Led, 5 days |
| Skill level | Intermediate (INT) |
| Delivery languages | English |
| Lab required | Yes |
| Related certifications | <ul style="list-style-type: none"> • ACA – Campus Access • ACP – Campus Access |
| In preparation for these exams | Selected items from this course are included in these exams: <ul style="list-style-type: none"> • Aruba Certified Campus Access Professional Exam |
| <p><u>Register for this course.</u> Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.</p> | |

- Deploy Aruba Gateways
- Build Aruba overlay wireless networks
- Configure Enterprise WLAN using Aruba Gateways
- Configure Guest WLAN using Aruba Gateways
- Configure PSK WLAN using Aruba Gateways
- Configure Authentication on the Wired Access Layer
- Understand Group Based Policies
- Configure security and availability features
- Monitor the network using Aruba Central
- Configure Traffic Optimization and QOS

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001199936>

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information

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