

Course : Aruba - Aruba Campus Access Fundamentals (ACAF)

Official AA-ACAF course, Aruba exam preparation

Practical course - 5d - 35h00 - Ref. AC1

Price : 3690 € E.T.

With this training, you'll have the fundamental knowledge, skills and practical experience needed to configure and manage open standards-based network solutions using Aruba's wired, wireless, security and management technologies. Through a wide range of practical exercises, you will learn how to implement and validate network solutions for small and medium-sized businesses.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Explain the fundamentals of networking
- ✓ Install and configure devices using the ArubaOS-CX operating system
- ✓ Describing and configuring VLANs
- ✓ Explain, describe and configure the Spanning Tree Protocol
- ✓ Understanding when to use VRRP and how to configure it
- ✓ Explain and configure link aggregation
- ✓ Understanding and configuring IP routing
- ✓ Understanding and configuring OSPFv2 - Single Area
- ✓ Describe and configure switch stacking using VSF
- ✓ Describe the ESP platform and the Aruba product range
- ✓ Integration of AP
- ✓ Explain how Aruba's wireless networking solutions meet customer needs
- ✓ Explain fundamental WLAN technologies, RF concepts and 802.11 standards
- ✓ Explain radio frequency bands and channels, and the standards used to regulate them
- ✓ Describe the concept of radio frequency coverage and interference
- ✓ Identify and differentiate antenna technology options
- ✓ Describe RF power technology
- ✓ Control secure WLAN access using Aruba firewall policies and roles
- ✓ Perform network monitoring and troubleshooting functions
- ✓ Describe the implementation and diagnostics of WLAN systems

PARTICIPANTS

IT professionals with over a year's experience in networking and an understanding of basic network protocols.

PREREQUISITES

Posséder une expérience de base en réseau ou des connaissances sur la solution Campus Acces d'Aruba.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Intended audience

IT professionals with over a year's experience in networking and an understanding of basic network protocols.

Prerequisites

Posséder une expérience de base en réseau ou des connaissances sur la solution Campus Acces d'Aruba.

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

1 The fundamentals of networking

- Define networking, LAN, WAN and their components.
- Explain the OSI model and encapsulation.
- Discuss the different types of physical media.
- Compare unicast, multicast and broadcast.
- Explain the TCP/IP stack.
- Discuss the different types of network devices.

2 Switching fundamentals

- Explain how to connect to and access a switch.
- Describe the initial configuration of a switch.
- Explain how to configure VLANs, tagging and IP addressing.
- Explain how to use LLDP and ICMP for network discovery and diagnostics.
- Explain how to configure link aggregation to improve performance/resilience.

3 Basic IP Setup

- Explain Inter-VLAN routing.
- Explain DHCP relay.
- Explain static IP routing.
- Explain how to configure single-area OSPF.

4 Network Redundancy

- Explain Spanning Tree.
- Explain VRRP and VSX.

5 VSF (Virtual Switching Framework)

- Describe VSF.
- Explain how to configure VSF.
- Describe the Auto-VSF function.
- Describe VSF MAD.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

6 Aruba solutions overview

- Introducing ESP.
- Presentation of Aruba's switching products.
- Introducing the Aruba WLAN range.
- Introducing Aruba Central.
- Introducing Aruba ClearPass.

7 Central for Device Management

- Describe how to integrate peripherals.
- Explain how to create Central Groups.
- Describe how to configure the user interface.
- Describe how to configure models.
- Describe Central's licenses.

8 Device Profiling and AP onboarding

- Describe the use of device profiling.
- Describe LLDP and MAC profiling.
- Explain how to connect an access point to Aruba Central.
- Explain how to perform the initial configuration of access points.

9 WLAN fundamentals

- Describe the basic principles of the 802.11 standard, RF frequencies and channels.
- Explain RF and coverage models, including SNR.
- Roaming standards and QOS requirements.
- Describe RF design aspects.
- Explain how to configure WLANs.

10 Implementing secure WLANs

- Explain AAA.
- Describe 802.1X authentication.
- Explain how to set up secure WLANs.
- Describe roles and access rules.

11 Guest Access

- Describe guest access.
- Explain how to configure captive portal authentication.
- Describe how to configure guest WLANs.

12 WLAN security

- Describe WLAN security.
- Explain certificates.
- Describe authentication in the cloud.

13 Monitoring and Maintenance

- Explain how to use Aruba Central's monitoring features.
- Explain how to identify LED status.
- Explain how to perform firmware updates.
- Explain how to enable SNMP on devices.
- Describe IA Insights.
- Describe alerts and reports.
- Explain UXI.

14 Troubleshooting

- Describe how to perform the password recovery and factory reset procedures.
- Explain how to troubleshoot central connectivity.
- Describe how to activate spectrum analysis.
- Explore the plant's troubleshooting tools.

Options

Certification : 460€ HT

This course prepares you for the "HPE Aruba Networking Certified Associate - Campus Access" certification.

[Comment passer votre examen ?](#)

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.

Dates and locations

REMOTE CLASS

2026 : 29 June, 14 Dec.

PARIS LA DÉFENSE

2026 : 29 June, 14 Dec.