



Configuring Aruba OS Switching Level 1, Rev. 16.41

Seminar-ID: **COS1**

Your key takeaways

This course teaches you the fundamental skills necessary to configure and manage modern, open standards-based networking solutions. This course consists of approximately 20% lecture and 80% hands-on lab exercises to help you learn how to implement and validate small to medium enterprise network solutions.

In this course, participants learn about ArubaOS switch technologies including: VLANs, secure access, redundancy technologies such as MSTP, link aggregation techniques including LACP, and switch virtualization with Aruba's Virtual Switching Framework (VSF). You also learn about IP Routing including static and dynamic IP routing with OSPF. This course teaches you how to deploy Aruba wireless Access Points and configure Aruba Instant Access Point (IAP) clustering technology. It also teaches you how to configure, manage and monitor the network with Aruba AirWave management solution.

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

- Explain how Aruba networking solutions meet customers' requirements
- Explain how Aruba AirWave provides unified wireless and wired network management
- Describe in-band management and out-of-band management
- Complete the initial setup on ArubaOS switches
- Control access to switches for both in-band and out-of-band management
- Manage software and configuration files on ArubaOS switches
- Explain use cases for VLANs and configure port-based VLANs on ArubaOS switches
- Understand and configure Rapid Spanning Tree Protocol (RSTP)
- Understand and configure Multiple Spanning Tree Protocol (MSTP)

Any questions?

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- Differentiate between different types of link aggregation and understand the benefits of Link Aggregation Control Protocol (LACP)
- Configure and troubleshoot link aggregation on ArubaOS switches
- Configure static routes on ArubaOS switches and interpret IP routing tables
- Configure a basic Open Shortest Path First (OSPF) solution
- Describe how Virtual Switching Framework (VSF) works and the advantages that it provides
- Configure and verify a simple VSF fabric
- Describe the basics of wireless communications and 802.11 standards
- Define a wireless LAN (WLAN) and differentiate between wireless security options
- Configure basic settings on Aruba Instant APs
- Configure AirWave management settings on an IAP cluster
- Configure SNMP v2c settings on ArubaOS switches
- Discover ArubaOS switches in AirWave and bring switches and IAPs under monitoring and management
- Implement zero touch provisioning (ZTP) for Aruba IAPs and ArubaOS switches

Target Groups

Ideal candidate for this course:

Ideal candidates are IT Professionals who deploy small-to- medium scale enterprise network solutions based on Aruba products and technologies.

Prior knowledge

The following knowledge is recommended for this seminar:

no previous knowledge is required for this seminar



Dates & Options

Date	Duration	City	Offer	Price
28.11.2022-30.11.2022	3 days	Wien	Classroom Training	€2.390,-
28.11.2022-30.11.2022	3 days	Wien	Online Training	€2.390,-
20.02.2023-22.02.2023	3 days	Wien	Classroom Training	€2.390,-
20.02.2023-22.02.2023	3 days	Wien	Online Training	€2.390,-
17.04.2023-19.04.2023	3 days	Wien	Classroom Training	€2.390,-
22.05.2023-24.05.2023	3 days	Wien	Classroom Training	€2.390,-
22.05.2023-24.05.2023	3 days	Wien	Online Training	€2.390,-
21.08.2023-23.08.2023	3 days	Wien	Classroom Training	€2.390,-
21.08.2023-23.08.2023	3 days	Wien	Online Training	€2.390,-
02.10.2023-04.10.2023	3 days	Wien	Classroom Training	€2.390,-
13.11.2023-15.11.2023	3 days	Wien	Classroom Training	€2.390,-
13.11.2023-15.11.2023	3 days	Wien	Online Training	€2.390,-

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