

Szkolenie: Aruba
Implementing Aruba Campus Switching Solutions (IACSS)

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	3600 USD NETTO*	5 dni
Stacjonarne	Tablet CTAB	3730 USD NETTO*	5 dni

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

DOSTĘPNE TERMINY

2019-09-02 | 5 dni | Praga
2019-09-09 | 5 dni | Warszawa
2019-09-09 | 5 dni | Warszawa
2019-09-16 | 5 dni | Warszawa
2019-09-16 | 5 dni | Warszawa
2019-10-07 | 5 dni | Kraków
2019-10-07 | 5 dni | Kraków
2019-12-02 | 5 dni | Warszawa
2019-12-02 | 5 dni | Warszawa

Cel szkolenia:

Course Rev. 17.41

This course teaches you how to implement and operate enterprise-level Aruba campus switching solutions. Hand-on labs give you experience with ArubaOS-Switches, including securing access, redundancy technologies such as Multiple Spanning Tree Protocol (MSTP), link aggregation techniques including Link Aggregation Protocol (LACP) and switch virtualization with HPE's Virtual Switching Framework (VSF). You will also learn to configure dynamic routing with Open Shortest Path First (OSPF) and Border Gateway Protocol (BGP), network optimization via Quality of Service (QoS), IP multicast routing leveraging Protocol Independent Multicast (PIM), and protecting the network using Access Control Lists (ACLs). This course is approximately 30% lecture and 70% hands on lab exercises.

Objectives

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

- Implement spanning tree protocol and loop protections
- Ensure redundancy for a network's default gateway by configuring VRRP on Aruba switches
- Implement and manage an VSF fabric
- Deploy ArubaOS switches in single-area and multi-area OSPF systems
- Use Internet Group Management Protocol (IGMP) to optimize forwarding of multicasts within VLANs
- Implement PIM-DM to route multicast traffic
- Establish and monitor BGP sessions between your routers and ISP routers
- Define ACLs and identify the criteria by which ACLs select traffic
- Configure ACLs on ArubaOS switches to select given traffic
- Implement 802.1X on ArubaOS switch ports
- Configure captive portal authentication on ArubaOS switches to integrate them with an Aruba ClearPass solution
- Configure tunneled-node on ArubaOS switches
- Configure ArubaOS switches to select traffic, apply the appropriate QoS marking, and place the traffic in the proper priority queues
- Implement DHCP snooping and ARP protection to defend networks against DHCP exploits, ARP snooping, and ARP poisoning attacks
- Implement the proper port security measures for various use cases
- Implement connection rate filtering to provide a first layer of protection against viruses and worms

Target Audience

Typical candidates for this course are IT Professionals who will deploy and manage networks based on HPE's ArubaOS-Switches.

Plan szkolenia:

- Introduction to Aruba Solutions
- Data Link Layer Redundancy Technologies
- Virtual Router Redundancy Protocol (VRRP)
- Aruba Backplane Stacking and Advanced Virtual Switch Framework (VSF)
- Advanced Open Shortest Path First (OSPF)
- Internet Group Management Protocol (IGMP)
- Border Gateway Protocol (BGP)
- Access Control Lists (ACLs)
- MAC Authentication
- Captive Portal and Other Guest Options

- Integrating with Aruba Mobility Solutions
- Secure Device Management
- Quality of Service (QoS)
- Additional Security Features

Wymagania:

Suggested prerequisites Aruba Switching Fundamentals For Mobility course.

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Aruba Networks.

This course prepares you also for such related Aruba Networks certifications:

[Aruba Certified Switching Professional \(ACSP\) V1](#)

Prowadzący:

Aruba Networks Certified Trainer.