Szkolenie: Aruba
Aruba Design Fundamentals

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<th>FORMA SZKOLENIA</th>
<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
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<tr>
<td>Stacjonarne</td>
<td>Cyfrowe</td>
<td>2400 USD NETTO*</td>
<td>3 dni</td>
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<td>Stacjonarne</td>
<td>Tablet CTAB</td>
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* (+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

2020-05-27 | 3 dni | TRYB ZDALNY
2020-05-27 | 3 dni | TRYB ZDALNY

Cel szkolenia:

This course provides you the fundamental knowledge for an Aruba network design. This course will teach you the Aruba product lines to help you design an Aruba network with the assistance of a senior designer. This course teaches you how to read a customer request and extract information you need to design a wired and wireless network. You’ll learn how to use VRF, a tool that helps you determine the wireless coverage needs. You will also learn how to use IRIS to create a BOM for wired and wireless equipment and a basic network diagram. This course is approximately 50% lecture and 50% hands on lab exercises.

Objectives:

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

- Show familiarity with the Aruba product line for network design
- Discuss the different WLAN organizations that set wireless network standards
- Explain how RF bands and different channels influence network connectivity & stability
- Speak to RF design basics, antenna usage & antenna network transmission fundamentals
- Speak to RF transmit power levels and WLAN mobility concepts
- Ask the right questions needed to create a new network.
- Decipher relevant information from discussing customer pain points.
Understand the different frame rack units (RU) and types of equipment racks.
Understand cable requirements and limitations.
Choose the correct transceiver for your fiber link types.
Use and understand the basic concepts of IRIS.
Use IRIS sites and groups.
Add, copy, paste new devices in IRIS.
Connect devices together
Produce a Bill of Materials (BOM)
Setup Visual RF and show your network topology
Understand how to plan a new network in VRF
Show familiarity with the different types of APs
Show understanding of the different types of mounting brackets to address different mounting needs.
Show familiarity with outdoor and ruggedized APs
Show familiarity with the various mounting options
Review/explain the list of antennas that can be used for the APs
Show familiarity with various types of Mobility Controllers and their capacities
Explain license requirements
Show an understanding of cable types and their limitations
Show familiarity with the different types of switches
Explain the switches capabilities
Design a Car Dealership

Target Audience:

Typical candidates for this course are IT Associate who want to learn about the Aruba products and the tools used to help design a network.

Plan szkolenia:

○ Basic product line introduction
  ○ Basic introduction to Aruba products

○ Information gathering
  ○ Review customer information
  ○ Wireless questionnaire
  ○ Wired questionnaire
  ○ User counts and application used
  ○ Security requirements
Physical environment
Lab Activity

Racks and Cables
- RU specification
- Rack types
- Patch panels
- IDF/MDF
- Cable limitations
- Transceivers
- Fiber limitations
- Lab activity

The use of IRIS
- New projects
- IRIS sites and groups
- Adding network devices into IRIS
- Selecting transceivers
- Connecting devices
- Creating a BOM
- Lab activity

The use of VRF
- VRF Navigating
- Campus, buildings and Floorplans
- Planning APs
- Lab activity

Aruba indoor APs
- AP types
- Indoor APs 11ax
- Indoor APs 11ac wave 2
- Desk wall mounting
- Mounts, antennas and accessories
- IRIS adding APs to BOM
- Lab activity

Aruba outdoor APs
- Outdoor APs tolerances
- Outdoor AP specifications
- Point to Point APs
- Indoor Rugged APs
- Outdoor ruggedized Mounts
- IRIS adding outdoor AP to BOM

- MM, MC, VC planning
  - The MM, MC, VC portfolio
  - MM capabilities
  - Mobility controller features
  - Mobility controller specification
  - Licenses
  - IAP clusters
  - Lab activity

- Wired Devices
  - Wired Architecture
  - Aruba OS switches
  - Aruba CX switches
  - HPE office connect switches
  - Lab activity

- Management and AAA
  - Clearpass features
  - ClearPass Design Overview
  - ClearPass Server Sizing and Licensing
  - Airwave and Central Capabilities
  - Airwave Design,
  - Airwave Sizing and Licensing
  - Central subscriptions
  - Central MSP
  - Lab activity

- Mobile Engagement
  - Overview
  - Beacons and Location
  - ALE and Analytics
  - Design
  - Sizing
  - Licensing
  - Lab activity
Poziom trudności

Certyfikaty:

The participants will obtain certificates signed by Aruba Networks.

This course additionally prepares you for Aruba Networks Associate level certification exam: **Aruba Certified Design Associate (ACDA)** available at Pearson VUE test centers.

Prowadzący:

Aruba Networks Certified Trainer.