**FORMA SZKOLENIA** | **MATERIAŁY SZKOLENIOWE** | **CENA** | **CZAS TRWANIA**
--- | --- | --- | ---
Stacjonarne | Cyfrowe | 2400 USD NETTO* | 3 dni
Stacjonarne | Tablet CTAB | 2530 USD NETTO* | 3 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**

<table>
<thead>
<tr>
<th>Data</th>
<th>Długość</th>
<th>Lokalizacja</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-01-13</td>
<td>3 dni</td>
<td>Warszawa</td>
</tr>
<tr>
<td>2020-03-02</td>
<td>3 dni</td>
<td>Kraków</td>
</tr>
<tr>
<td>2020-03-02</td>
<td>3 dni</td>
<td>Kraków</td>
</tr>
<tr>
<td>2020-04-27</td>
<td>3 dni</td>
<td>Warszawa</td>
</tr>
<tr>
<td>2020-04-27</td>
<td>3 dni</td>
<td>Warszawa</td>
</tr>
</tbody>
</table>

**Cel szkolenia:**

This course teaches the knowledge, skills and practical experience required to set up and configure a basic **Aruba WLAN** utilizing the **OS 8.X** architecture and features. Using lecture and labs, this course provides the technical understanding and hands-on experience of configuring a single **Mobility Master** with one controller and **AP Aruba WLAN**. Participants will learn how to use Aruba hardware and **ArubaOS** to install and build a complete, secure controller network with multiple SSIDs. This course provides the underlying material required to prepare candidates for the **Aruba Certified Mobility Associate (ACMA) V8 certification exam**.

**Objectives**

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

- Explain how Aruba’s wireless networking solutions meet customers’ requirements
- Explain fundamental WLAN technologies, RF concepts, and 802.11 Standards
- Learn to configure the Mobility Master and Mobility Controller to control access to the Employee and Guest WLAN
- Control secure access to the WLAN using Aruba Firewall Policies and Roles
- Recognize and explain Radio Frequency Bands and channels, and the standards used to regulate them
- Describe the concept of radio frequency coverage and interference and successful implementation and diagnosis of WLAN systems
- Identify and differentiate antenna technology options to ensure optimal coverage in various deployment scenarios
- Describe RF power technology including, signal strength, how it is measured and why it is critical in designing wireless networks
- Learn to configure and optimize Aruba ARM and Client Match features
- Learn how to perform network monitoring functions and troubleshooting

Target Audience

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

Plan szkolenia:

- WLAN Fundamentals
  - Describes the fundamentals of 802.11, RF frequencies and channels
  - Explain RF Patterns and coverage including SNR
  - Roaming Standards and QOS requirements
- Mobile First Architecture
  - An introduction to Aruba Products including controller types and modes
  - OS 8.X Architecture and features
  - License types and distribution
- Mobility Master Mobility Controller Configuration
  - An introduction to Aruba Products including controller types and modes
  - OS 8.X Architecture and features
  - License types and distribution
- Secure WLAN configuration
  - Identifying WLAN requirements such as SSID name, encryption, authentication
  - Explain AP groups structure and profiles
  - Configuration of WLAN using the Mobility Master GUI
- AP Provisioning
  - Describes the communication between AP and Mobility controller
  - Explain the AP booting sequence and requirements
  - Explores the APs controller discovery mechanisms
  - Explains how to secure AP to controller communication using CPSec
  - Describes AP provisioning and operations
- **WLAN Security**
  - Describes the 802.11 discovery, authentication and association
  - Explores the various authentication methods, 802.1x with WPA/WPA2, Mac auth
  - Describes the authentication server communication
  - Explains symmetric vs asymmetric Keys, encryption methods
  - WIPS is described along with rogue discovery and protection
- **Firewall Roles and Policies**
  - An introduction into Firewall Roles and policies
  - Explains Aruba’s Identity based Firewall
  - Configuration of Policies and Rules including aliases
  - Explains how to assign Roles to users
- **Dynamic RF Management**
  - Explain how ARM calibrates the network selecting channels and power settings
  - Explores the new OS 8.X Airmatch to calibrate the network
  - How Client match steers clients to better APs
- **Guest Access**
  - Introduces Aruba’s solutions for Guest Access and the Captive portal process
  - Configuration of secure guest access using the internal Captive portal
  - The configuration of Captive portal using Clearpass and its benefits
  - Creating a guest provisioning account
  - Troubleshooting guest access
- **Network Monitoring and Troubleshooting**
  - Using the MM dashboard to monitor and diagnose client, WLAN and AP issues
  - Traffic analysis using APPrf with filtering capabilities
  - A view of Airwaves capabilities for monitoring and diagnosing client, WLAN and AP issues

**Poziom trudności**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

**Certyfikaty:**

The participants will obtain certificates signed by Aruba Networks.

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

Aruba Networks Certified Trainer.