Training: Aruba
Configuring Mobility with AOS-8 Level 2

TRANING TERMS

2026-11-23 | 5 days | Virtual Classroom
2026-12-07 | 5 days | Virtual Classroom

TRAINING GOALS:

This course teaches the knowledge, skills and practical experience required to set up and configure advanced features on Aruba WLAN utilizing the AOS 8.X architecture and features. This course includes lectures and labs which provide the technical understanding and hands-on experience of configuring a redundant Mobility Master with two controllers and two APs. Participants will learn how install a redundant Aruba WLAN network with clustering while using many features like Multizone for guest access, voice optimization and tunneled node. This course includes the AirWave management system and troubleshooting commands. The SWDI course provides the underlying material required to prepare candidates for the Aruba Certified Mobility Professional (ACMP) V8 certification exam.

Objectives

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

- Explain the integration Mobility Masters and Mobility controllers
- Describe redundancy giving the user seamless failover
- Setup secure guest access using Multizone
- Explain the uses and advantages of clustering
- Describe user mobility in the wireless spectrum
- Integrate voice over WiFi and give QOS
- Explain how roles are assigned to users wireless or wired
- Learn to setup remote access using RAPs or VIA
- Describe how to create a mesh cluster
- Learn the advantages given to AirGroup when leveraged on an Aruba network
- Integrating wire users into the security given to wireless users
- Learn how to use AirWave to monitor the health of the network
- Learn how to useAirWave to troubleshoot client
- Explain AirWave’s Virsual RF feature as well as alerts and triggers

Target Audience

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

Typical candidates for this course are IT professionals who deploy Aruba WLAN with advanced features and individuals who need a basic understanding of AirWave.

CONSPECT:

- Introduction
  - Review topics from the IAW V8 course
  - AP terminology
  - GUI Hierarchy
  - WLAN forwarding modes
  - Explain the features of AOS 8
- Mobility Master Redundancy
  - Explain VRRP setup
  - DB synchronization procedures
  - Validating MM DB synchronization
- Mobility Master and MC Operations
  - Grow the network to multiple controllers
  - Review the configuration hierarchy
  - MC deployments methods
  - Explain advanced license features
- Multizone
  - Describe Multizone
  - Explain Multizone AP functional flow
  - Describe the functions of primary and data zones
  - Troubleshooting Multizone setup
- Introduction to MC clusters
  - Reviews advantages of a MC cluster
  - The cluster leader election process
  - Defines the MC cluster roles
  - AP and user mapping into a cluster
  - Requirements for hitless cluster failover
  - AP and user load balancing within the cluster
- Mobility
  - Explain standard 802.11 roaming
  - Describes single and multi-controller roaming
  - Defines the advantages of cluster mobility
- Role Derivation

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

- Review of policies and rules
- Explains role derivation using VSAs
- Description of user rules
- Description of authentication default roles
- Explains how to troubleshoot role derivation

- Remote Access
  - Review of all remote access methods RAP/ VIA / IAP-VPN / branch controller
  - Explains RAP certification and setup methods
  - Configuration of RAP WLAN
  - Explores the options for RAP redundancy
  - Explains how to troubleshoot RAP setup
  - VIA configuration, downloading and installation
  - Explains how to troubleshoot VIA setup
- Voice Optimization
  - Review of voice QOS
  - Explanation of WMM
  - Description of UCC Heuristic and SDN API mode
  - Monitoring and troubleshooting voice connections
- Mesh
  - Explains mesh networks and technology
  - Configuration of mesh clusters
- Administration
  - Explains management accounts and password reset
  - Configuration of guest provisioning accounts
  - The use of authentication using RADIUS or TACACS
  - Describes how to disable console access
- Operations
  - Explains how to upgrade new images
  - Describes AP preloading
  - Explains cluster in service upgrade
  - Auto roll backs of configuration
  - Describes loadable in service modules
- AirGroup
  - Explains the Aruba AirGroup solution
  - Configuration of AirGroup with limitations
  - Explores the integration with ClearPass

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70

BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

- Monitoring AirGroup servers and users
- Tunneled Node
  - Explains port based tunneled node
  - Explains user based tunneled node
  - Describes the interaction between switches and Mobility controllers
  - Explains how to troubleshoot tunnel connections
- AirWave Introduction
  - Explains the different features of AirWave
  - The use of groups and folders
  - AirWave features description
  - Configuration of device credentials and adding devices
- AirWave Network Health
  - Explains diagnostic page indications
  - Describe network health graphs to identify network issues
  - Performance graphs to help in network planning
  - The use of clarity to direct administrator to the source of the problem
- AirWave Client and Device Troubleshooting
  - Explains how to find a client and troubleshoot association issues
  - Diagnosing associated client issues
  - Investigating client SNR
  - Describes AP, network and controller diagnosing
  - Explains how to monitor a MC cluster within AirWave
- AirWave VisualRF, Reports and Alerts
  - Explains the different VirtualRF display options
  - Describes the VisualRF application monitoring
  - Configuration of triggers to create alerts
  - Generation of 22 type of reports as well as custom reports

REQUIREMENTS:

Suggested prerequisites Implementing Aruba WLANs course.

Difficulty level



Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

CERTIFICATE:

The participants will obtain certificates signed by Aruba Networks.

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

TRAINER:

Aruba Networks Certified Trainer.

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70
BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007