

Training: Aruba  
**AirWave Wireless Management Suite Installation, Configuration and Use (AICU)**



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	2400 USD	3 days
Traditional	CTAB Tablet	2530 USD	3 days

### LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm  
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

### TRAINING TERMS

2019-09-23 | 3 days | Kraków  
2019-11-04 | 3 days | Warszawa

## TRAINING GOALS:

### Course version 8.2 Rev. 16.41

This hands-on course prepares you with the knowledge and experience required to install and use the AirWave Wireless Management Suite: AirWave Management Platform (AMP), RAPIDS, Visual RF, network health diagnostics, client troubleshooting, alerts and reporting. In this course, you learn about AirWave’s capabilities in troubleshooting network health and client status via the various stages of association and authentication, as well as redundancy and master consoles for large networks.

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

- Install AWMS 8.x
- Demonstrate adding devices on the network to the Airwave Management Server
- Understand Visual RF heatmaps and location information
- Demonstrate how to troubleshoot wireless network issues using Airwave
- Understand how to use RAPIDS to identify and locate rogues
- Demonstrate how to manage and administer an Airwave Management Suite and configure Devices using AWMS

### Target Audience:

Ideal candidates are Network Administrators who monitor and troubleshoot wireless networks, and Network and System Administrators responsible for installing and configuring network monitoring systems.

## CONSPECT:

- Introduction to AWMS
  - Airwave Platform
  - Features and Benefits of AMP RAPIDS and Visual RF
  - Airwave products
  - Basic operations using AWMS
  - IAP Whitelist
- Installing AWMS
  - Installing AMP
  - Hardware requirements
  - Cent OS and AWMS software
  - Basic configuration steps
  - Upgrade AWMS software
  - Licensing AWMS
  - AWMS documentation
- Adding Device to AWMS
  - Folders and Groups
  - Adding devices general process
  - Manually adding devices
  - Device discovery and managing device discovery
  - Moving a device to a folder
  - Troubleshooting
  - IAP Whitelist
- IAP Organizaion and Groups<
  - Overview of IAP
  - Airwave integration
  - Golden configuration
  - IAP Organization options
  - IAP Whitelist
- Using Visual RF and Visual RF Plan
  - Navigation
  - Setup
  - Heatmaps and location information
  - Import floorplan graphics
  - Plan deployments

- Provision APs
- Manage Visual RF performance
- IAP Whitelist
- Network Health
  - Diagnostics page indicators
  - Network performance tabs
  - Source of issues
  - Network issues
  - IAP Whitelist
- Troubleshooting Clients and Wireless Networks
  - Searching for users and Diagnostics tab
  - Client issues
  - Network issues
  - AP issues
  - Switch/Controller issues
  - General Issues
  - IAP Whitelist
- Rogue Detection and Using RAPIDS
  - Why use RAPIDS
  - Threat Detection Methods
  - Rules
  - Classifications
  - IDS Events Report
  - New Rogue Devices Report
  - Visualization
  - PCI Compliance
  - WMS Offload
  - IAP Whitelist
- Managing Administrative Access Alerts Triggers and Reporting
  - Configure role-based administrative use access to the AMP system
  - Triggers
  - Alerts
  - Define and generate reports
  - IAP Whitelist
- Scalability and Redundancy
  - VM Redundancy

- Failover for Redundancy
- Master Console for large deployments
- Multiple AMP Server deployments
- Large Deployment example
- IAP Whitelist
- System Administration
  - AMP Maintenance
  - Device Maintenance
  - IAP Whitelist
- Wired Device Management
  - Monitoring wired devices in AWMS
  - Wired device port and interface information
  - Wired device bandwidth statistics and counters
  - Managing and configuring wired devices via AWMS templates
  - IAP Whitelist
- Airwave Aruba Groups
  - How AWMS configures devices
  - Using groups to control policies
  - Creating and controlling groups
  - Basic Group Design
  - Configuration Audits
  - IAP Whitelist
- Configuring Aruba Devices
  - Configuring Aruba Devices via AWMS GUI
  - Auditing and Conguration
  - Managing Profiles on AWMS
  - Pushing Configuration to Controllers
  - Visibility
  - Additional Troubleshooting
  - IAP Whitelist
- IAP Template Configuration
  - Fetching a Template
  - Template Variables
  - Templates Configuration
  - IAP Whitelist
- IAP Gui C onfiguration

- Golden configuration
- GUI mode
- GUI configuration
- IAP Whitelist
- Cisco Groups and Firmware updates
  - AWMS configure to devices
  - Groups to control policies
  - Create and control groups
  - Basic group design
  - Configuration audits
  - IAP Whitelist
- Configuring Cisco Devices with IOS Templates
  - Configure groups for CISCO IOS devices
  - Configure group templates for Cisco IOS devices
  - Making changes using template variables
  - IAP Whitelist
- Cisco WLC Configuration
  - Cisco Wireless LAN controllers
  - Cisco WLC configuration

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by Aruba Networks.

This course prepares you also for such related Aruba Networks certifications: [Aruba Certified Mobility Expert \(ACMX\) V6.4](#)

## TRAINER:

Aruba Networks Certified Trainer.