

# Aruba Advanced Mobility Troubleshooting & Solutions (AR-AMTS)

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## Course Description

This course is structured to help the student build a better understanding of the Aruba technologies, designing mobility first networks, strategize their implementation/configuration and their troubleshooting methodologies.

This course teaches how to take a complex scenario and break down into manageable blocks and while still managing your time accordingly.

This course is approximately 35% lecture and 65% hands-on lab scenario-based exercises.

## Course Duration:

5 days

## Prerequisites:

Highly recommended prerequisites are the Aruba Certified Mobility Professional (ACMP) or an existing Aruba Certified Mobility Expert (ACMX) certification.

## Objectives:

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

- Plan, implement and troubleshoot enterprise multi-site Aruba campus wireless network, remote-access, and multi-tenant environment.
- Analyze functional requirements to create a network design and implementation plan
- Configure and validate Aruba WLAN secure employee and guest solutions.
- Implement advanced services and security solutions.
- Manage and monitor Aruba solutions.
- Perform advanced troubleshooting.

## Course Outline:

- Infrastructure & Redundancy
  - Analyze Functional Requirement for Aruba Architecture and troubleshooting zones
  - Mobility Master redundancy (L2 vs. L3)
  - Clustering (L2 & L3 deployment and Hitless failover)
  - Multi-controller Operations
- Planning, implementing and troubleshooting Campus AP and Remote AP Provisioning
  - WLAN Provisioning
  - Secure employee WLAN
  - Guest Access
  - Remote AP
  - IAP VPN Development

- Planning, implementing and troubleshooting advanced services and security solutions
  - Role Derivation & Firewall Policies
  - Dynamic RF Management (AirMatch, ARM old)
  - Voice & Video Optimization
  - AirGroup
  - Tunneled Node
  - Multizone
  - RFProtect (WIDS/WIPS)
  - Advanced Aruba OS (AOS) Features
  - CPSec
  
- Planning, implementing and troubleshooting Network Management and monitoring
  - ArubaOS Dashboard
  - Airwave
  - Spectrum Analysis
  - Monitor using Clearpass

## Who Should Attend

Typical candidates that are preparing for ACMX written exam and/or ACMX lab exam. Also, IT Professionals that are looking to further advance their expertise/knowledge on HPE Aruba Mobility technologies for career growth.