



## Overview

The Aruba Technical Certification program recognizes networking professionals who have demonstrated knowledge of, and hands-on experience with, Aruba’s secure mobility solutions. The program consists of two parallel tracks – one for design and one for deployment - and three tiers within each track. The first two tiers (Associate and Professional) are common between the two tracks, whereas the Expert tier is different as shown in the table below.

Tier	Pre-Installation & Network Design Track	Network Implementation & Troubleshooting Track	Exam Administration
3	Aruba Certified Design Expert (ACDX) [Prerequisite: Valid ACMP certification]	Aruba Certified Mobility Expert (ACMX) [Prerequisite: Valid ACMP certification]	Aruba Facility
2	Aruba Certified Mobility Professional (ACMP) [Prerequisite: Instructor-led Scalable WLAN Design & Implementation (SWDI) course]		Pearson/VUE
1	Aruba Certified Mobility Associate (ACMA) [Prerequisite: Implementing Aruba WLANs (IAW) course]		On-Line

Certification at each successive level requires a deeper level of technical and practical knowledge as demonstrated by passing an exam. The exams are written by Aruba and updated regularly to reflect current feature sets and best practices. Recertification is required every two years to ensure that the professional remains in step with the concept and operation of the most current Aruba products.

Obtaining certification is a testament to an individual’s technical prowess and experience, and indicates to both customers and employers a commitment to the trade. Individuals who obtain an Expert certification are truly best-in-class designers and engineers, capable of tackling the most challenging networks.



## Aruba Certified Mobility Associate - ACMA

An ACMA certified network administrator is able to deploy and manage a network based on a single controller. At this level the administrator must have knowledge of the following subject matter:

- Configuration wizards
- Policy Enforcement Firewall (PEF)
- Extended firewall policies
- Remote Access Points
- User roles and RBAC principals
- Basic controller provisioning
- 802.11 a/b/g/n
- Access point boot process
- Authentication using 802.1X and EAP
- RF planning tools
- 802.11 link layer encryption
- Multiple In Multiple Out (MIMO)
- Serial-over-Ethernet (SoE)
- Mobility Controller maintenance
- WLAN monitoring

These subjects are covered as part of the on-line certification exam. It is assumed that all candidates for this certification will have completed Aruba's Implementing Aruba WLANs (IAW) course. For convenience, candidates are automatically registered for and administered the ACMA exam upon completing the IAW course. The on-line ACMA exam consists of 40 multiple choice questions that must be completed within one hour. The certification fee is included in the price of the IAW course.

## Aruba Certified Mobility Professional - ACMP

An ACMP certified network administrator is able to deploy and manage a large scale, multi-controller network. At this level of experience the administrator must have knowledge of the following subject matter:

- Aruba controllers and APs

- Aruba system architecture and design
- RF planning
- Using and building the firewall with roles and policies
- Authentication and encryption concepts and provisioning
- Multi-controller environments and redundancy
- Layer 2 and Layer 3 roaming operations and provisioning
- Intrusion detection

These subjects are covered as part of the certification exam. The exam is administered at Pearson/VUE test centers. It is assumed that all candidates for this certification will have completed Aruba's Implementing Aruba WLANs (IAW) course.

The Pearson/VUE administered ACMP exam consists of 75 multiple choice questions that must be completed within ninety minutes. There is a fee for the exam. ACMP certification is valid for two years: re-certification requires passing the then current version of the ACMP exam.

## Aruba Certified Design Expert - ACDX

An ACDX certified engineer/architect is able to design an overlay wireless LAN and remote networking solution for a complex campus and/or branch office environment. At this level of experience the engineer/architect must have knowledge of the following subject matter:

- Aruba controllers and APs
- Aruba system architecture and design
- Quoting Bills of Materials
- RF Planning
- Roles and policies
- Authentication and encryption
- Virtual Branch Networking
- Multiple controller environments and redundancy
- AirWave Wireless Management Suite planning
- Answering RFP-style questions

All candidates for this certification must have a valid ACMP certification. Prior to taking the certification exam, Aruba recommends that candidates carefully read all Aruba *Validated Reference Design (VRD) guides*, and complete the *AirWave Wireless Management Suite Installation, Configuration, and Use course and the Outdoor Deployment Design and Implementation course*. CWNA® and CWSP® certification are also recommended.

The ACDX exam, includes creating a bill of materials, designing user policies, an RF Plan exercise, and answering a series of essay questions about network design similar to those that would be posed by an actual customer. The 8-hour exam is administered in Aruba's training facilities, and test results are returned within ten days. The exam fee is \$995. ACDX certification is valid for two years: re-certification is achieved by passing a written ACDX re-certification exam.

### Aruba Certified Mobility Expert - ACMX

An ACMX certified integration and post-sales engineer is able to deploy, troubleshoot, and maintain an overlay wireless LAN and remote networking solution for a complex campus and/or branch office environment. At this level of experience the engineer must have knowledge of the following subject matter:

- Aruba controllers and APs
- Aruba system architecture and design

- Voice deployment
- RF planning
- Roles and policies
- Authentication and encryption
- Virtual Branch Networking
- Multiple controller environments and redundancy
- AirWave Wireless Management Suite

All candidates for this certification must have a valid ACMP certification. Prior to taking the certification exam, Aruba recommends that candidates carefully read all Aruba *Validated Reference Design (VRD) guides*, and complete the *AirWave Wireless Management Suite Installation, Configuration, and Use course and the Outdoor Deployment Design and Implementation course*. CWNA and CWSP certification are also recommended. Aruba's Advanced Trouble Shooting course is highly recommended as additional preparation for the ACMX exam.

The ACMX exam, administered at Aruba's training facilities, includes implementing user policies, an RF Plan exercise, troubleshooting, and maintenance similar to those that would be posed by an actual customer. The exam is 8 hours in length, and test results are returned within ten days. There is a fee for this exam. ACMX certification is valid for two years: re-certification is achieved by passing a written ACMX re-certification exam.

### On-Line Resources

Aruba and Authorized Training Partner course schedule - <http://www.arubanetworks.com/education/train.php>

Exam schedule - email: [training@arubanetworks.com](mailto:training@arubanetworks.com)

Pearson/VUE schedule - <http://www.pearsonvue.com/aruba/>

Validated Reference Designs - [http://www.arubanetworks.com/technology/design\\_guides.php](http://www.arubanetworks.com/technology/design_guides.php)



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