

Aruba Certified Mobility Expert Practical Exam

Exam description

This exam tests your ability to design and configure an enterprise Aruba WLAN deployment using AOS 8.6 and aspects common to enterprise customer deployments. Candidates prove their ability to design solutions that include L2/L3 infrastructure, WLANs (including MultiZone) and Guest provisioning, design networks around dynamic segmentation and experience with voice applications including knowledge of optimization of UCC, video and multicast in Aruba environments.

Ideal candidate for this exam

Ideal candidates for this exam are networking IT professionals with a minimum of three to five years' experience in designing and integrating complex enterprise-level mobile first networks. Candidates should have familiarity with integrating Aruba Mobility Controllers (MM, MC, and VMC), Access Point (CAP, UAP, RAP, and IAP), AirWave, and wired network using AOS-CX switches (6300) product for secure employee access, guest, UCC, QoS, and multicast deployments.

Advice to help you take this exam

- USING CHROME OR FIREFOX IS REQUIRED.
- Complete the training and review all course materials and documents before you take the exam.
- Use HPE Press study guides and additional reference materials; study guides, practice tests, and HPE books.
- Exam items are based on expected knowledge acquired from job experience, an expected level of industry standard knowledge, or other prerequisites (events, supplemental materials, etc.).
- Successful completion of the course or study materials alone, does not ensure you will pass the exam.

Objectives

This exam validates that you have competence in each and every objective below.

Exam ID	HPE4-A38
Exam type	Practical
Exam duration	8 hours
Passing score	70%
Delivery languages	English
<p>Register for this Exam</p> <p>Complete these steps before registering for the ACMX Practical Exam.</p> <ol style="list-style-type: none"> 1. Review the Aruba Practical Exam Instruction Guide for information about the exam/lab environment. 2. During registration, you are responsible for completing the system test on the same computer you will use to take the exam. 3. Review and complete the ACMX walkthrough. 4. Review the Practical Exam Rules to ensure understanding of acceptable/unacceptable materials within the candidate's reach and behaviors that could result in termination of the exam. 5. It is expected that you passed the required ACMX written exam (HPE6-A79) before registering for the ACMX practical exam. 6. Review the complete HPE Partner Ready Certification and Learning Candidate Agreement. You are fully responsible for adhering to all HPE testing policies. 7. I understand and agree that the penalties for any form of misconduct on the exam will include, without limitation: My exam score may be invalidated. One or more of my Certification and Learning certifications may be revoked. I may be prohibited from achieving future certifications either temporarily or permanently. All appropriate actions, including the pursuit of legal remedies, will be taken. 8. In addition, I acknowledge and agree that in the event of misconduct on this exam, HPE may contact my employer, if applicable, who is receiving the benefit of the pursued certification in order to discuss the misconduct, the impact of losing the certification (if any), to investigate their test practices, etc. 9. The exam timer will be set for 8 hours and 30 minutes to account for the lunch break. During lunch and breaks, the timer will not be paused. <p>Passing the HPE6-A79 Aruba Certified Mobility Expert Written Exam and purchasing a practical exam voucher from Aruba Education Services are required before registering for the practical exam.</p>	

Percentage of Exam	Sections/Objectives
27%	<p>L2/L3 Infrastructure The most significant step towards successfully completing the exam is to ensure that the controller infrastructure is deployed correctly. This includes the VLAN and IP addressing aspects. If these are not completed correctly, it is impossible to pass the exam as the balance of the exam depends upon a correct IP infrastructure. For this exam you will need to understand the difference between these aspects, and know how to deploy the controllers in both L2 and L3 models.</p> <p>The lab consists of several Mobility Controllers (MMs, MCs, and VMCs) with different purposes. You will need to know the correct usage of licenses and plan your implementation appropriately. The lab may also require licensing deployment. Mobility Master and MC/VMC redundancy may be present in the exam. There are specific requirements to enable these features if your exam scenario requires them. You will be required to understand how these operations behave and how to correctly provision them. Failure to correctly implement redundancy may have a significant impact on your exam score. This exam requires knowledge and implementation of AP mobility controller discovery, L2/L3 MM redundancy, L2/L3 clustering, HA, VRRP, LMS/backup LMS, and troubleshooting enterprise networks.</p>
42%	<p>WLAN Service This exam requires candidates to be familiar with all WLAN authentication types, and MultiZone in order to meet exam scenario requirements. You will also be required to understand planning and implementing of Guest provisioning using an internal or external captive portal and how to deploy a Spectrum Analyzer and Air Monitor.</p> <p>As companies grow, their need for workers to access corporate resources from remote locations increases. This results in a need for secure connectivity that leverages availability regardless of geographical location. Aruba highly recommends that you have a familiarity with provisioning all elements of Aruba's remote networking products before taking this exam. The exam requires proper construction of policies and roles. Please read your scenario requirements carefully so you do not lose points through incorrect role behavior. Aruba recommends that you know what options are available to provide this service and how to provision them before taking this exam.</p>
9%	<p>Wired Service (Dynamic Segmentation) Candidates must demonstrate working knowledge of design wired networks around colorless ports and understand implementation of tunneled-node (User-Based Tunneled node).</p>
13%	<p>Advanced Features This exam attempts to emulate a corporate enterprise setting. This extends into the exam security requirements. Provisioning AirMatch, ARM, and radio profiles appropriately for the given scenario is expected. HPE Aruba official courses cover these elements as well the VRDs.</p> <p>Many enterprise environments depend more and more upon VoWiFi/UCC solutions for communications within an enterprise facility. Unique Aruba solutions provide a high quality voice experience when correctly implemented. Aruba expects candidates to have working knowledge of optimization of UCC, video, and multicast in Aruba environments. Aruba recommends that you know what options are available to provide this service and how to provision them before taking this exam.</p>
9%	<p>Network Management You will use AirWave in the exam. You are expected to be able to provision the Aruba network to ensure an AirWave server can see and monitor the network. The candidate must be ready to demonstrate working knowledge of VisualRF, auditing, reporting and RAPIDS.</p>

For more information

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