

# ARUBA CERTIFIED MOBILITY ASSOCIATE (ACMA) PRACTICE TEST (SAMPLE)

**STUDY GUIDE**



**SAMPLE STUDY GUIDE  
WITH LIMITED QUESTIONS**

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THE FULL VERSION STUDY GUIDE**

<https://arubaacma.examzify.com>



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# Table of Contents

|                             |    |
|-----------------------------|----|
| Copyright .....             | 1  |
| Table of Contents .....     | 2  |
| Introduction .....          | 3  |
| How to Use This Guide ..... | 4  |
| Questions .....             | 5  |
| Answers .....               | 8  |
| Explanations .....          | 10 |
| Next Steps .....            | 16 |

SAMPLE

# Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

# How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

## 1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

## 2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

## 3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

## 4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

## 5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

## 6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

## Questions

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- 1. Which of the following statements is true regarding an Aruba Mobility Controller functioning as a layer 3 router?**
  - A. The Mobility Controller is the client's default router
  - B. DHCP can be provided by the network infrastructure or the Mobility Controller
  - C. The Mobility Controller cannot act as a router
  - D. Only internal clients can connect to the Mobility Controller
  
- 2. How do Aruba access points authenticate users to the network?**
  - A. Through a web portal
  - B. Using 802.1X authentication or pre-shared keys (PSK)
  - C. Via MAC address filtering
  - D. Through one-time passwords (OTP)
  
- 3. What is typically the first step in a wireless site survey?**
  - A. Determining client needs
  - B. Assessing the physical environment for interference
  - C. Installing access points
  - D. Configuring network security
  
- 4. Which of the following best describes "Traffic Segmentation"?**
  - A. A method to enhance operational speed for users
  - B. A technique to integrate multiple networks
  - C. A practice to isolate and secure various types of traffic
  - D. An approach to simplify network architecture
  
- 5. How does link aggregation enhance network performance?**
  - A. It combines multiple network connections to increase bandwidth and redundancy.
  - B. It reduces latency by prioritizing traffic.
  - C. It strengthens the individual signals from devices.
  - D. It limits the number of connected devices.

- 6. What is the primary function of the initial role assigned to devices when they connect to an AP?**
- A. To limit device capabilities
  - B. To check for configuration updates
  - C. To assign the device a specific service level
  - D. To perform initial authentication
- 7. What is the purpose of secure data handling processes in Aruba networks?**
- A. To facilitate easy access for all network users
  - B. To enhance user experience through faster connections
  - C. To protect sensitive information and comply with regulations
  - D. To reduce operational costs of the network
- 8. What is a benefit of using a captive portal for guest access in Aruba networks?**
- A. It provides unlimited data access
  - B. It enhances data encryption for all users
  - C. It allows for easy guest authentication and tracking
  - D. It guarantees maximum performance for guests
- 9. In which bands do 802.11n APs operate? (Select Two)**
- A. 2.4 GHz
  - B. 1.2 GHz
  - C. 3.6 GHz
  - D. 5 GHz
- 10. What device provides physical connectivity to the Aruba Mobility Controller?**
- A. The Switch
  - B. The Router
  - C. The Access Point
  - D. The Firewall

## **Answers**

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1. A
2. B
3. B
4. C
5. A
6. A
7. C
8. C
9. A
10. C

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## **Explanations**

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**1. Which of the following statements is true regarding an Aruba Mobility Controller functioning as a layer 3 router?**

- A. The Mobility Controller is the client's default router**
- B. DHCP can be provided by the network infrastructure or the Mobility Controller
- C. The Mobility Controller cannot act as a router
- D. Only internal clients can connect to the Mobility Controller

*The statement that the Mobility Controller is the client's default router is accurate when the controller operates as a Layer 3 device. In this configuration, the Mobility Controller can serve as the gateway for clients on the network. When clients connect to the Mobility Controller, they will send their traffic to it, making it the default router for those clients. This is an essential function for managing client traffic efficiently and enabling access to different VLANs or subnets configured in the network. In the context of network management, having the Mobility Controller act as the client's default router allows for effective traffic routing and management since it is positioned at the core of network operations. This ensures that all client requests and data transmissions are directed through the Mobility Controller, which can then apply policies and manage bandwidth, security, and access controls appropriately. While the other options present scenarios or capabilities that differ from the role of a Layer 3 router, they do not accurately reflect the primary function of the Mobility Controller as the default gateway for connected clients.*

**2. How do Aruba access points authenticate users to the network?**

- A. Through a web portal
- B. Using 802.1X authentication or pre-shared keys (PSK)**
- C. Via MAC address filtering
- D. Through one-time passwords (OTP)

*Aruba access points primarily authenticate users to the network using 802.1X authentication or pre-shared keys (PSK). 802.1X is part of the IEEE 802.1 standards for network access control, which provides an authentication mechanism to devices wishing to connect to a LAN or WLAN. It allows for a robust method of data security by enabling dynamic and individualized authentication. In environments that employ 802.1X, users are required to provide credentials, which are then validated against a central authentication server, typically a RADIUS server. This method supports a range of authentication types, including usernames and passwords, smart cards, and certificates, making it highly scalable and secure for corporate networks. On the other hand, pre-shared keys serve as a simpler form of authentication used mostly in smaller or less security-sensitive environments. With PSK, all users connect to the network using a shared password, which simplifies the configuration but can lead to security risks if the key is exposed. Both native authentication mechanisms provided by Aruba access points enable secure user access, ensuring that only authenticated clients can connect to the network, effectively managing access and reducing vulnerabilities associated with unauthorized users.*

### 3. What is typically the first step in a wireless site survey?

- A. Determining client needs
- B. Assessing the physical environment for interference**
- C. Installing access points
- D. Configuring network security

*The first step in a wireless site survey is to determine client needs, which is essential in shaping the overall design and implementation of the network. Understanding the requirements of the client encompasses gathering detailed information about the number of users, types of applications being used, coverage areas, and specific performance expectations. This foundational understanding will guide subsequent phases of the survey and ensure that the network is tailored to meet the client's needs effectively. Assessing the physical environment for interference is indeed important, as it involves evaluating elements that could affect signal quality, like physical barriers, competing RF signals, and other environmental factors. However, this step typically follows the determination of client needs because knowing what the client requires helps prioritize what to look for in the environment. Thus, without first understanding what the client expects from the network, assessing interference may not yield the most relevant or impactful insights. Installing access points and configuring network security are essential steps that take place after the site survey is completed and are influenced by the results of the initial assessments. Therefore, these activities are not part of the very first step in executing a wireless site survey.*

### 4. Which of the following best describes "Traffic Segmentation"?

- A. A method to enhance operational speed for users
- B. A technique to integrate multiple networks
- C. A practice to isolate and secure various types of traffic**
- D. An approach to simplify network architecture

*Traffic segmentation is fundamentally a practice geared towards isolating and securing various types of network traffic. This involves dividing different types of traffic based on predefined criteria such as application type, user roles, or device characteristics. The primary goal of traffic segmentation is to enhance security by ensuring that sensitive data is separated from less secure data flows, thus minimizing the risk of unauthorized access and limiting the potential impact of security breaches on the network. In environments where various types of data are transmitted—such as voice, video, and general data—traffic segmentation allows for more effective management and has the potential to improve performance. For instance, segmenting traffic can help prioritize certain types of traffic over others, ensuring that critical applications receive the necessary bandwidth and resources. This concept is particularly important in enterprise networking, as it supports compliance with regulatory standards, enhances overall security posture, and helps in the efficient utilization of network resources. Through effective traffic segmentation, organizations can maintain tighter control over their data and processes, fostering a secure and efficient network environment.*

## 5. How does link aggregation enhance network performance?

- A. It combines multiple network connections to increase bandwidth and redundancy.**
- B. It reduces latency by prioritizing traffic.
- C. It strengthens the individual signals from devices.
- D. It limits the number of connected devices.

*Link aggregation enhances network performance by combining multiple network connections into a single logical link, which significantly increases overall bandwidth. This process allows for the utilization of several physical links simultaneously, creating a larger throughput capacity than what a single connection could provide. Additionally, link aggregation offers redundancy; if one of the connections fails, the remaining links continue to operate, ensuring network reliability and minimizing downtime. This mechanism is beneficial in environments where high data transfer rates are essential, such as data centers or networks with heavy multimedia traffic. By distributing traffic across multiple links, link aggregation can also balance load more effectively, reducing bottlenecks. While the other options bring up relevant network aspects, they do not fully describe how link aggregation specifically enhances performance in the way that this option does. Prioritizing traffic is about quality of service, strengthening signals pertains to signal integrity, and limiting connected devices does not aid in performance enhancement. Each of these other concepts plays a role in network design but does not capture the essence of link aggregation's function and benefits.*

## 6. What is the primary function of the initial role assigned to devices when they connect to an AP?

- A. To limit device capabilities**
- B. To check for configuration updates
- C. To assign the device a specific service level
- D. To perform initial authentication

*The primary function of the initial role assigned to devices when they connect to an Access Point (AP) is to perform initial authentication. During this process, the AP verifies the credentials of the device attempting to connect to the network, ensuring that only authorized devices gain access. This role is typically fundamental to maintaining security within the network by ensuring that connections are made only with trusted devices. While limiting device capabilities or checking for configuration updates may occur later as part of the broader network management strategy, they are not the primary function of the initial role. Assigning a specific service level is also contingent upon a successful authentication process, which must occur before any classification into different service levels can take place. Hence, the correct answer focuses on the authentication aspect, which is essential for establishing trusted network access.*

## 7. What is the purpose of secure data handling processes in Aruba networks?

- A. To facilitate easy access for all network users
- B. To enhance user experience through faster connections
- C. To protect sensitive information and comply with regulations**
- D. To reduce operational costs of the network

*The purpose of secure data handling processes in Aruba networks is primarily to protect sensitive information and ensure compliance with various regulations. In today's digital landscape, organizations handle a significant amount of sensitive data, including personal information, financial records, and proprietary data. Implementing secure data handling processes helps safeguard this information from unauthorized access and breaches, which could lead to serious consequences, including financial losses and reputational damage. Moreover, compliance with regulations such as the General Data Protection Regulation (GDPR), Health Insurance Portability and Accountability Act (HIPAA), and others mandates that organizations take specific measures to protect sensitive data. Failure to adhere to these regulations can result in heavy fines and legal repercussions. By prioritizing secure data handling processes, Aruba networks not only protect the data but also help organizations meet their legal obligations. The other choices, while they may represent goals or benefits in networking, do not focus on the critical aspect of data security and regulatory compliance that is essential in today's environment. Enhancing user experience or facilitating access, for instance, may have their place in network design but do not address the pressing need for security in data management.*

## 8. What is a benefit of using a captive portal for guest access in Aruba networks?

- A. It provides unlimited data access
- B. It enhances data encryption for all users
- C. It allows for easy guest authentication and tracking**
- D. It guarantees maximum performance for guests

*Using a captive portal for guest access in Aruba networks primarily allows for easy guest authentication and tracking. Captive portals serve as a web-based user interface that guests are presented with when they first connect to a network. Upon accessing the network, users are redirected to this portal where they can enter credentials or agree to terms of service before gaining internet access. This method of authentication simplifies the process for organizations to manage guest users, as it can include data collection such as email addresses or other identification. Organizations can then analyze this data for tracking user activity and improving service delivery. Therefore, the use of a captive portal aids not only in securing connection points but also provides a means for the organization to effectively manage visitor access while ensuring compliance with security policies. In contrast, the other options present benefits that do not directly correlate with the primary functions of a captive portal. For example, providing unlimited data access or guaranteeing maximum performance are operational aspects that depend more on the network settings and bandwidth policies rather than the authentication method. Similarly, while data encryption is essential for security, the captive portal itself does not inherently enhance encryption across users' sessions.*

**9. In which bands do 802.11n APs operate? (Select Two)**

- A. 2.4 GHz**
- B. 1.2 GHz
- C. 3.6 GHz
- D. 5 GHz

802.11n access points (APs) operate in both the 2.4 GHz and 5 GHz frequency bands. The 2.4 GHz band is known for its longer range and ability to penetrate obstacles, making it suitable for broader coverage in environments with physical barriers. However, this band is also more crowded due to the presence of many devices using the same frequency, which can lead to interference and potentially reduce performance. The 5 GHz band, on the other hand, offers greater bandwidth and faster data rates, which allows for better performance, especially in dense user environments. It also has more non-overlapping channels compared to the 2.4 GHz band, reducing the likelihood of interference. Both frequency bands are utilized by 802.11n to provide a balance of coverage and performance, often referred to as dual-band operation. This capability allows users to connect to the band that best meets their needs based on their devices and network conditions. The other options, such as 1.2 GHz and 3.6 GHz, are not relevant as the 802.11n standard does not utilize these frequencies. The correct frequencies for 802.11n are indeed the 2.4 GHz and 5 GHz bands

**10. What device provides physical connectivity to the Aruba Mobility Controller?**

- A. The Switch
- B. The Router
- C. The Access Point**
- D. The Firewall

The correct choice is the Access Point. The Aruba Mobility Controller provides management and control for wireless networks, and Access Points are the devices that physically connect to this controller. They extend the network by allowing wireless devices to connect to the infrastructure managed by the Mobility Controller. The Access Points transmit and receive wireless signals, enabling mobile devices to connect to the network. The other devices mentioned play different roles in a network. Switches are utilized for connecting wired devices within a local area network, while routers are used to direct data between different networks, including handling traffic between the local network and the internet. Firewalls serve to protect the network by controlling incoming and outgoing traffic based on predefined security rules. None of these functions directly relate to the physical connection between the Mobility Controller and the Access Points, making the Access Point the essential component for such connectivity.

## Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at [hello@examzify.com](mailto:hello@examzify.com).

Or visit your dedicated course page for more study tools and resources:

<https://arubaacma.examzify.com>

We wish you the very best on your exam journey. You've got this!

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