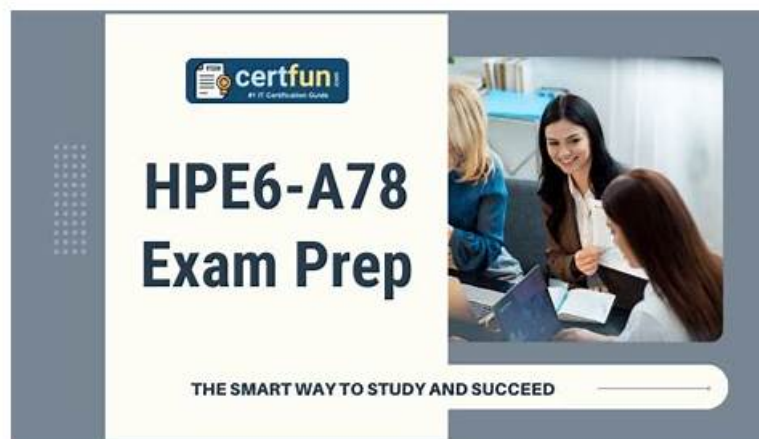


# HPE6-A78技術試験、HPE6-A78学習指導



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Fast2test最高のHPE6-A78テストトレントを提供する世界的なリーダーとして、私たちは大多数の消費者に包括的なサービスを提供し、統合サービスの構築に努めています。さらに、HPE6-A78認定トレーニングアプリケーションのほか、インタラクティブな共有およびアフターサービスでブレークスルーを達成しました。実際問題として、当社HPはすべてのクライアントの適切なソリューションの問題を考慮しています。ヘルプが必要な場合は、HPE6-A78ガイドトレントに関するAruba Certified Network Security Associate Exam問題に対処するための即時サポートを提供し、HPE6-A78試験の合格を支援します。

>> HPE6-A78技術試験 <<

## HPE6-A78学習指導 & HPE6-A78難易度受験料

一般的には、あなたは多くの時間と精力を利用してHPE6-A78試験を準備する必要があります。悩んでいるなら、弊社のHPE6-A78資料を利用して、あなたは試験に関する情報を了解することができます。我々の問題集の中率は高いですから、Fast2testの資料を利用して試験を準備して、あなたの学習効率を高めることができます。

## HP Aruba Certified Network Security Associate Exam 認定 HPE6-A78 試験問題 (Q152-Q157):

### 質問 # 152

What is one practice that can help you to maintain a digital chain or custody In your network?

- A. Enable packet capturing on Instant AP or Mobility Controller (MC) control path on an ongoing basis.
- B. Enable packet capturing on Instant AP or Moodily Controller (MC) datapath on an ongoing basis
- **C. Ensure that all network infrastructure devices receive a valid clock using authenticated NTP**
- D. Ensure that all network Infrastructure devices use RADIUS rather than TACACS+ to authenticate managers

正解: C

解説:

To maintain a digital chain of custody in a network, a crucial practice is to ensure that all network infrastructure devices receive a valid clock using authenticated Network Time Protocol (NTP). Accurate and synchronized time stamps are essential for creating reliable and legally defensible logs. Authenticated NTP ensures that the time being set on devices is accurate and that the time source is verified, which is necessary for correlating logs from different devices and for forensic analysis.

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Digital forensics and network security protocols that underscore the importance of accurate timekeeping for maintaining a digital

chain of custody.

NTP configuration guidelines for network devices, emphasizing the use of authentication to prevent tampering with clock settings.

#### 質問 # 153

What correctly describes the Pairwise Master Key (PMK) in the specified wireless security protocol?

- A. In WPA3-Enterprise, the PMK is unique per session and derived using Simultaneous Authentication of Equals.
- B. In WPA3-Personal, the PMK is unique per session and derived using Simultaneous Authentication of Equals.
- C. In WPA3-Personal, the PMK is the same for each session and is communicated to clients that authenticate
- D. In WPA3-Personal, the PMK is derived directly from the passphrase and is the same for every session.

正解: A

#### 質問 # 154

What is one way that WPA3-Personal enhances security when compared to WPA2-Personal?

- A. WPA3-Personal is more secure against password leaking Because all users have their own username and password
- B. WPA3-Personal is more complicated to deploy because it requires a backend authentication server
- C. WPA3-Personal prevents eavesdropping on other users' wireless traffic by a user who knows the passphrase for the WLAN.
- D. WPA3-Personal is more resistant to passphrase cracking Because it requires passphrases to be at least 12 characters

正解: C

解説:

WPA3-Personal enhances security over WPA2-Personal by implementing individualized data encryption. This feature, known as Wi-Fi Enhanced Open, provides each user's session with a unique encryption key, even if they are using the same network passphrase. This prevents an authenticated user from eavesdropping on the traffic of other users on the same network, thus enhancing privacy and security.

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Wi-Fi Alliance WPA3-Personal security improvements documentation

#### 質問 # 155

How can hackers implement a man-in-the-middle (MITM) attack against a wireless client?

- A. The hacker runs an NMap scan on the wireless client to find its MAC and IP address. The hacker then connects to another network and spoofs those addresses.
- B. The hacker uses spear-phishing to probe for the IP addresses that the client is attempting to reach. The hacker device then spoofs those IP addresses.
- C. The hacker uses a combination of software and hardware to jam the RF band and prevent the client from connecting to any wireless networks.
- D. The hacker connects a device to the same wireless network as the client and responds to the client's ARP requests with the hacker device's MAC address.

正解: D

解説:

A man-in-the-middle (MITM) attack involves an attacker positioning themselves between a wireless client and the legitimate network to intercept or manipulate traffic. HPE Aruba Networking documentation often discusses MITM attacks in the context of wireless security threats and mitigation strategies.

Option D, "The hacker connects a device to the same wireless network as the client and responds to the client's ARP requests with the hacker device's MAC address," is correct. This describes an ARP poisoning (or ARP spoofing) attack, a common MITM technique in wireless networks. The hacker joins the same wireless network as the client (e.g., by authenticating with the same SSID and credentials). Once on the network, the hacker sends fake ARP responses to the client, associating the hacker's MAC address with the IP address of the default gateway (or another target device). This causes the client to send traffic to the hacker's device instead of the legitimate gateway, allowing the hacker to intercept, modify, or forward the traffic, thus performing an MITM attack. Option A, "The hacker uses a combination of software and hardware to jam the RF band and prevent the client from connecting to any wireless networks," is incorrect. Jamming the RF band would disrupt all wireless communication, including the hacker's ability to

intercept traffic. This is a denial-of-service (DoS) attack, not an MITM attack.

Option B, "The hacker runs an NMap scan on the wireless client to find its MAC and IP address. The hacker then connects to another network and spoofs those addresses," is incorrect. NMap scans are used for network discovery and port scanning, not for implementing an MITM attack. Spoofing MAC and IP addresses on another network does not position the hacker to intercept the client's traffic on the original network.

Option C, "The hacker uses spear-phishing to probe for the IP addresses that the client is attempting to reach. The hacker device then spoofs those IP addresses," is incorrect. Spear-phishing is a delivery method for malware or credentials theft, not a direct method for implementing an MITM attack. Spoofing IP addresses alone does not allow the hacker to intercept traffic unless they are on the same network and can manipulate routing (e.g., via ARP poisoning).

The HPE Aruba Networking AOS-8 8.11 User Guide states:

"A common man-in-the-middle (MITM) attack against wireless clients involves ARP poisoning. The hacker connects a device to the same wireless network as the client and sends fake ARP responses to the client, associating the hacker's MAC address with the IP address of the default gateway. This causes the client to send traffic to the hacker's device, allowing the hacker to intercept and manipulate the traffic." (Page 422, Wireless Threats Section) Additionally, the HPE Aruba Networking Security Guide notes:

"ARP poisoning is a prevalent MITM attack in wireless networks. The attacker joins the same network as the client and responds to the client's ARP requests with the attacker's MAC address, redirecting traffic through the attacker's device. This allows the attacker to intercept sensitive data or modify traffic between the client and the legitimate destination." (Page 72, Wireless MITM Attacks Section)

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HPE Aruba Networking AOS-8 8.11 User Guide, Wireless Threats Section, Page 422.

HPE Aruba Networking Security Guide, Wireless MITM Attacks Section, Page 72.

#### 質問 # 156

How can hackers implement a man-in-the-middle (MITM) attack against a wireless client?

- A. The hacker runs an NMap scan on the wireless client to find its MAC and IP address. The hacker then connects to another network and spoofs those addresses.
- B. The hacker uses spear-phishing to probe for the IP addresses that the client is attempting to reach. The hacker device then spoofs those IP addresses.
- C. The hacker uses a combination of software and hardware to jam the RF band and prevent the client from connecting to any wireless networks.
- **D. The hacker connects a device to the same wireless network as the client and responds to the client's ARP requests with the hacker device's MAC address.**

正解: D

解説:

A common method for hackers to perform a man-in-the-middle (MITM) attack on a wireless network is by ARP poisoning. The attacker connects to the same network as the victim and sends false ARP messages over the network. This causes the victim's device to send traffic to the attacker's machine instead of the legitimate destination, allowing the attacker to intercept the traffic.

Reference:

Please note that the answers provided are based on general networking and security principles and best practices. If you require verification against specific Aruba product documentation or technical manuals, those documents should be consulted directly.

#### 質問 # 157

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**HPE6-A78学習指導:** <https://jp.fast2test.com/HPE6-A78-premium-file.html>

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