

**HP**

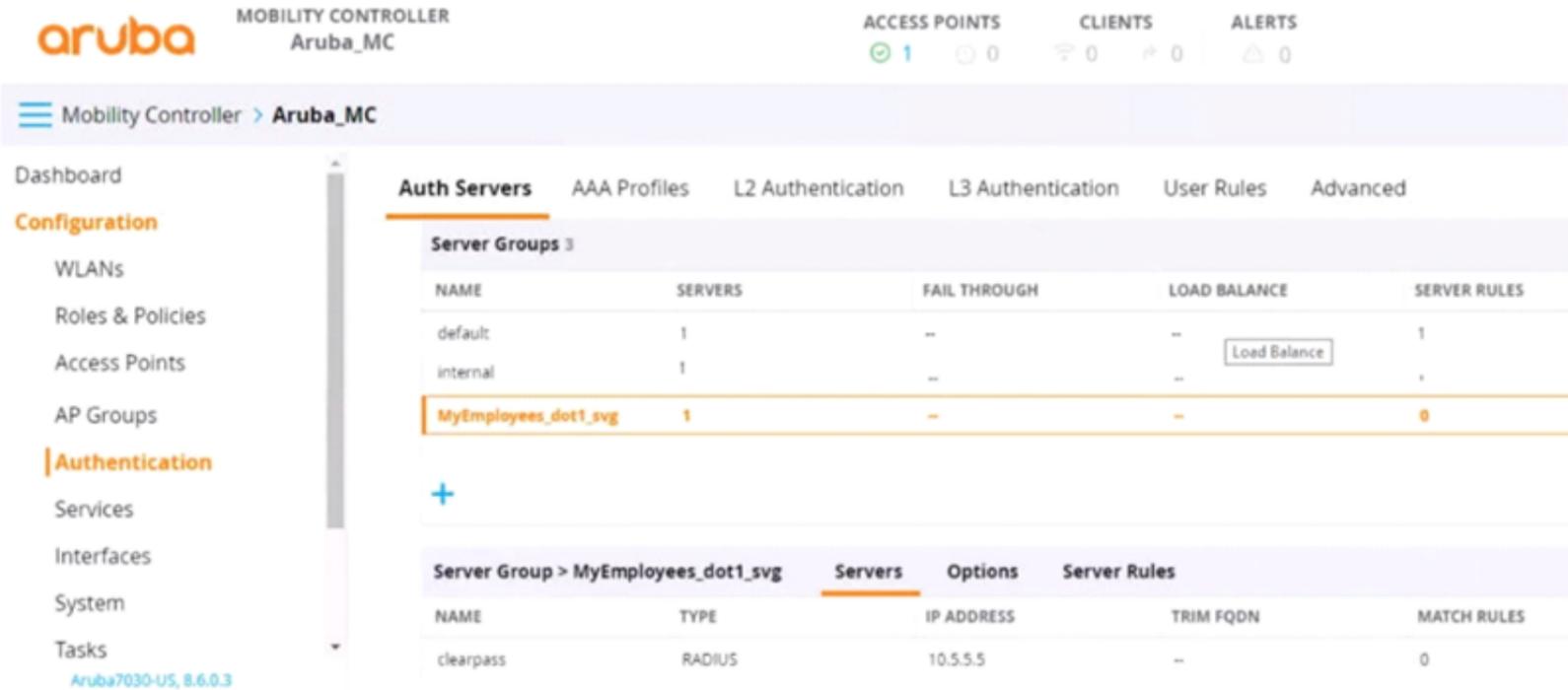
**Exam Questions HPE6-A78**

Aruba Certified Network Security Associate Exam



**NEW QUESTION 1**

Refer to the exhibit.



You have set up a RADIUS server on an ArubaOS Mobility Controller (MC) when you created a WLAN named "MyEmployees .You now want to enable the MC to accept change of authorization (CoA) messages from this server for wireless sessions on this WLAN.

What is a part of the setup on the MC?

- A. Create a dynamic authorization, or RFC 3576, server with the 10.5.5.5 address and correct shared secret.
- B. Install the root CA associated with the 10.5.5.5 server's certificate as a Trusted CA certificate.
- C. Configure a ClearPass username and password in the MyEmployees AAA profile.
- D. Enable the dynamic authorization setting in the "clearpass" authentication server settings.

**Answer: B**

**NEW QUESTION 2**

An ArubaOS-CX switch enforces 802.1X on a port. No fail-through options or port-access roles are configured on the port. The 802.1X supplicant on a connected client has not yet completed authentication.

Which type of traffic does the authenticator accept from the client?

- A. EAP only
- B. DHCP, DNS and RADIUS only
- C. RADIUS only
- D. DHCP, DNS, and EAP only

**Answer: A**

**NEW QUESTION 3**

What are some functions of an ArubaOS user role?

- A. The role determines which authentication methods the user must pass to gain network access.
- B. The role determines which firewall policies and bandwidth contracts apply to the client's traffic.
- C. The role determines which wireless networks (SSIDs) a user is permitted to access.
- D. The role determines which control plane ACL rules apply to the client's traffic.

**Answer: A**

**NEW QUESTION 4**

Refer to the exhibit.



You are deploying a new ArubaOS Mobility Controller (MC), which is enforcing authentication to Aruba ClearPass Policy Manager (CPPM). The authentication is not working correctly, and you find the error shown in the exhibit in the CPPM Event Viewer.

What should you check?

- A. that the MC has been added as a domain machine on the Active Directory domain with which CPPM is synchronized
- B. that the snared secret configured for the CPPM authentication server matches the one defined for the device on CPPM
- C. that the IP address that the MC is using to reach CPPM matches the one defined for the device on CPPM
- D. that the MC has valid admin credentials configured on it for logging into the CPPM

**Answer: C**

**NEW QUESTION 5**

You have been instructed to look in the ArubaOS Security Dashboard's client list Your goal is to find clients that belong to the company and have connected to devices that might belong to hackers Which client fits this description?

- A. MAC address d8:50:e6:f3;6d;a4; Client Classification Authorized; AP Classification, interfering
- B. MAC address d8:50:e6 f3;6e;c5; Client Classification Interferin
- C. AP Classification Neighbor
- D. MAC address d8:50:e6:f3;6e;60; Client Classification Interferin
- E. AP Classification Interfering
- F. MAC address d8:50:e6:f3;TO;ab; Client Classification Interferin
- G. AP Classification Rogue

**Answer: C**

**NEW QUESTION 6**

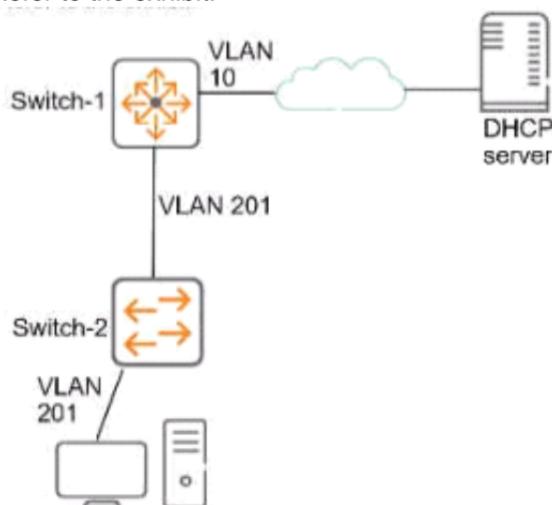
What is an Authorized client as defined by ArubaOS Wireless Intrusion Prevention System (WIP)?

- A. a client that has a certificate issued by a trusted Certification Authority (CA)
- B. a client that is not on the WIP blacklist
- C. a client that has successfully authenticated to an authorized AP and passed encrypted traffic
- D. a client that is on the WIP whitelist.

**Answer: C**

**NEW QUESTION 7**

Refer to the exhibit.



This company has ArubaOS-Switches. The exhibit shows one access layer switch, Swllcn-2. as an example, but the campus actually has more switches. The company wants to stop any internal users from exploiting ARP

What is the proper way to configure the switches to meet these requirements?

- A. On Switch-1, enable ARP protection globally, and enable ARP protection on all VLANs.
- B. On Switch-2, make ports connected to employee devices trusted ports for ARP protection
- C. On Switch-2, enable DHCP snooping globally and on VLAN 201 before enabling ARP protection
- D. On Switch-2, configure static PP-to-MAC bindings for all end-user devices on the network

**Answer: D**

**NEW QUESTION 8**

How does the ArubaOS firewall determine which rules to apply to a specific client's traffic?

- A. The firewall applies every rule that includes the client's IP address as the source.
- B. The firewall applies the rules in policies associated with the client's wlan
- C. The firewall applies three rules in policies associated with the client's user role.
- D. The firewall applies every rule that includes the client's IP address as the source or destination.

**Answer: A**

**NEW QUESTION 9**

What is a benefit of deploying Aruba ClearPass Device insight?

- A. Highly accurate endpoint classification for environments with many devices types, including Internet of Things (IoT)
- B. visibility into devices' 802.1X supplicant settings and automated certificate deployment
- C. Agent-based analysts of devices' security settings and health status, with the ability to implement quarantining
- D. Simpler troubleshooting of ClearPass solutions across an environment with multiple ClearPass Policy Managers

Answer: B

#### NEW QUESTION 10

You are managing an Aruba Mobility Controller (MC). What is a reason for adding a "Log Settings" definition in the ArubaOS Diagnostics > System > Log Settings page?

- A. Configuring the Syslog server settings for the server to which the MC forwards logs for a particular category and level
- B. Configuring the MC to generate logs for a particular event category and level, but only for a specific user or AP.
- C. Configuring a filter that you can apply to a defined Syslog server in order to filter events by subcategory
- D. Configuring the log facility and log format that the MC will use for forwarding logs to all Syslog servers

Answer: A

#### NEW QUESTION 10

What is one way that Control Plane Security (CPsec) enhances security for me network?

- A. It protects wireless clients' traffic tunneled between APs and Mobility Controllers, from eavesdropping
- B. It prevents Denial of Service (DoS) attacks against Mobility Controllers' (MCs") control plane.
- C. It prevents access from unauthorized IP addresses to critical services, such as SSH on Mobility Controllers (MCs).
- D. It protects management traffic between APs and Mobility Controllers (MCs) from eavesdropping.

Answer: A

#### NEW QUESTION 11

What distinguishes a Distributed Denial of Service (DDoS) attack from a traditional Denial of service attack (DoS)?

- A. A DDoS attack originates from external devices, while a DoS attack originates from internal devices
- B. A DDoS attack is launched from multiple devices, while a DoS attack is launched from a single device
- C. A DoS attack targets one server, a DDoS attack targets all the clients that use a server
- D. A DDoS attack targets multiple devices, while a DoS is designed to incapacitate only one device

Answer: A

#### NEW QUESTION 14

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

- A. WPA3-Person3i is more secure against password leaking Because all users have their own username and password
- B. WPA3-Personal prevents eavesdropping on other users' wireless traffic by a user who knows the passphrase for the WLAN.
- C. WPA3-Personal is more resistant to passphrase cracking Because it requires passphrases to be at least 12 characters
- D. WPA3-Personal is more complicated to deploy because it requires a backend authentication server

Answer: A

#### NEW QUESTION 19

What role does the Aruba ClearPass Device Insight Analyzer play in the Device Insight architecture?

- A. It resides in the cloud and manages licensing and configuration for Collectors
- B. It resides on-prem and provides the span port to which traffic is mirrored for deep analytics.
- C. It resides on-prem and is responsible for running active SNMP and Nmap scans
- D. It resides In the cloud and applies machine learning and supervised crowdsourcing to metadata sent by Collectors

Answer: D

#### NEW QUESTION 23

A company with 382 employees wants to deploy an open WLAN for guests. The company wants the experience to be as follows:

- \* Guests select the WLAN and connect without having to enter a password.
- \* Guests are redirected to a welcome web page and log in.

The company also wants to provide encryption for the network for devices that are capable, you implement for the WLAN? Which security options should

- A. WPA3-Personal and MAC-Auth
- B. Captive portal and WPA3-Personal
- C. Captive portal and Opportunistic Wireless Encryption (OWE) in transition mode
- D. Opportunistic Wireless Encryption (OWE) and WPA3-Personal

Answer: C

#### NEW QUESTION 24

A company is deploying ArubaOS-CX switches to support 135 employees, which will tunnel client traffic to an Aruba Mobility Controller (MC) for the MC to apply firewall policies and deep packet inspection (DPI). This MC will be dedicated to receiving traffic from the ArubaOS-CX switches. What are the licensing requirements for the MC?

- A. one AP license per-switch
- B. one PEF license per-switch
- C. one PEF license per-switch

- D. and one WCC license per-switch
- E. one AP license per-switch
- F. and one PEF license per-switch

**Answer:** D

#### NEW QUESTION 28

How should admins deal with vulnerabilities that they find in their systems?

- A. They should apply fixes, such as patches, to close the vulnerability before a hacker exploits it.
- B. They should add the vulnerability to their Common Vulnerabilities and Exposures (CVE).
- C. They should classify the vulnerability as malwar
- D. a DoS attack or a phishing attack.
- E. They should notify the security team as soon as possible that the network has already been breached.

**Answer:** A

#### NEW QUESTION 31

You have an Aruba Mobility Controller (MC). for which you are already using Aruba ClearPass Policy Manager (CPPM) to authenticate access to the Web UI with usernames and passwords You now want to enable managers to use certificates to log in to the Web UI CPPM will continue to act as the external server to check the names in managers' certificates and tell the MC the managers' correct role in addition to enabling certificate authentication. what is a step that you should complete on the MC?

- A. Verify that the MC has the correct certificates, and add RadSec to the RADIUS server configuration for CPPM
- B. install all of the managers' certificates on the MC as OCSP Responder certificates
- C. Verify that the MC trusts CPPM's HTTPS certificate by uploading a trusted CA certificate Also, configure a CPPM username and password on the MC
- D. Create a local admin account that uses certificates in the account, specify the correct trusted CA certificate and external authentication

**Answer:** A

#### NEW QUESTION 33

What is a benefit of Protected Management Frames (PMF). sometimes called Management Frame Protection (MFP)?

- A. PMF helps to protect APs and MCs from unauthorized management access by hackers.
- B. PMF ensures traffic between APs and Mobility Controllers (MCs) is encrypted.
- C. PMF prevents hackers from capturing the traffic between APs and Mobility Controllers.
- D. PMF protects clients from DoS attacks based on forged de-authentication frames

**Answer:** A

#### NEW QUESTION 37

You have deployed a new Aruba Mobility Controller (MC) and campus APs (CAPs). One of the WLANs enforces 802.1X authentication to Aruba ClearPass Policy Manager (CPPM) When you test connecting the client to the WLAN. the test fails You check Aruba ClearPass Access Tracker and cannot find a record of the authentication attempt You ping from the MC to CPPM. and the ping is successful. What is a good next step for troubleshooting?

- A. Renew CPPM's RADIUS/EAP certificate
- B. Reset the user credentials
- C. Check CPPM Event viewer.
- D. Check connectivity between CPPM and a backend directory server

**Answer:** C

#### NEW QUESTION 38

What is a guideline for creating certificate signing requests (CSRs) and deploying server Certificates on ArubaOS Mobility Controllers (MCs)?

- A. Create the CSR online using the MC Web UI if your company requires you to archive the private key.
- B. if you create the CSR and public/private Keypair offline, create a matching private key online on the MC.
- C. Create the CSR and public/private keypair offline If you want to install the same certificate on multiple MCs.
- D. Generate the private key online, but the public key and CSR offline, to install the same certificate on multiple MCs.

**Answer:** A

#### NEW QUESTION 40

What is one of the roles of the network access server (NAS) in the AAA framework?

- A. It authenticates legitimate users and uses policies to determine which resources each user is allowed to access.
- B. It negotiates with each user's device to determine which EAP method is used for authentication
- C. It enforces access to network services and sends accounting information to the AAA server
- D. It determines which resources authenticated users are allowed to access and monitors each user's session

**Answer:** A

#### NEW QUESTION 43

What is a use case for tunneling traffic between an Aruba switch and an Aruba Mobility Controller (MC)?

- A. applying firewall policies and deep packet inspection to wired clients
- B. enhancing the security of communications from the access layer to the core with data encryption
- C. securing the network infrastructure control plane by creating a virtual out-of-band-management network
- D. simplifying network infrastructure management by using the MC to push configurations to the switches

**Answer:** A

#### NEW QUESTION 45

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

- A. Enable packet capturing on Instant AP or Mobility Controller (MC) datapath on an ongoing basis
- B. Enable packet capturing on Instant AP or Mobility Controller (MC) control path 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

**Answer:** A

#### NEW QUESTION 48

Refer to the exhibit.

```
Switch# show crypto host-public-key fingerprint
3072 9c:04:01:0e:e6:93:b1:4e:1f:f6:9b:a9:74:9e:c0:f9: host_ssh2.pu
```

How can you use the thumbprint?

- A. Install this thumbprint on management stations to use as two-factor authentication along with manager usernames and passwords, this will ensure managers connect from valid stations
- B. Copy the thumbprint to other Aruba switches to establish a consistent SSH Key for all switches this will enable managers to connect to the switches securely with less effort
- C. When you first connect to the switch with SSH from a management station, make sure that the thumbprint matches to ensure that a man-in-the-middle (MITM) attack is not occurring
- D. install this thumbprint on management stations the stations can then authenticate with the thumbprint instead of admins having to enter usernames and passwords.

**Answer:** C

#### NEW QUESTION 51

Which attack is an example of social engineering?

- A. An email is used to impersonate a bank and trick users into entering their bank login information on a fake website page.
- B. A hacker eavesdrops on insecure communications, such as Remote Desktop Program (RDP), and discovers login credentials.
- C. A user visits a website and downloads a file that contains a worm, which self-replicates throughout the network.
- D. An attack exploits an operating system vulnerability and locks out users until they pay the ransom.

**Answer:** A

#### NEW QUESTION 52

What is a correct guideline for the management protocols that you should use on ArubaOS-Switches?

- A. Disable Telnet and use TFTP instead.
- B. Disable SSH and use https instead.
- C. Disable Telnet and use SSH instead
- D. Disable HTTPS and use SSH instead

**Answer:** B

#### NEW QUESTION 56

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