

# HP

## Exam Questions HPE6-A78

Aruba Certified Network Security Associate Exam



### NEW QUESTION 1

What is a difference between radius and TACACS+?

- A. RADIUS combines the authentication and authorization process while TACACS+ separates them.
- B. RADIUS uses TCP for its connection protocol, while TACACS+ uses UDP for its connection protocol.
- C. RADIUS encrypts the complete packet, while TACACS+ only offers partial encryption.
- D. RADIUS uses Attribute Value Pairs (AVPs) in its messages, while TACACS+ does not use them.

**Answer: A**

### NEW QUESTION 2

An ArubaOS-CX switch enforces 802.1X on a port. No fan-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 is an example of phishing?

- A. An attacker sends TCP messages to many different ports to discover which ports are open.
- B. An attacker checks a user's password by using trying millions of potential passwords.
- C. An attacker lures clients to connect to a software-based AP that is using a legitimate SSID.
- D. An attacker sends emails posing as a service team member to get users to disclose their passwords.

**Answer: D**

### NEW QUESTION 4

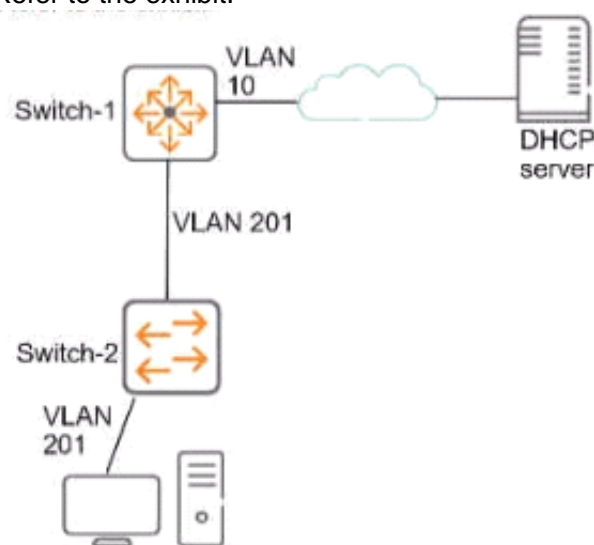
A company has an Aruba solution with a Mobility Master (MM), Mobility Controllers (MCs) and campus Aps. What is one benefit of adding Aruba Airwave from the perspective of forensics?

- A. Airwave can provide more advanced authentication and access control services for the ArubaOS solution.
- B. Airwave retains information about the network for much longer periods than ArubaOS solution.
- C. Airwave is required to activate Wireless Intrusion Prevention (WIP) services on the ArubaOS solution.
- D. AirWave enables low level debugging on the devices across the ArubaOS solution.

**Answer: C**

### NEW QUESTION 5

Refer to the exhibit.



This company has ArubaOS-Switches. The exhibit shows one access layer switch, Switch-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 IP-to-MAC bindings for all end-user devices on the network.

**Answer: D**

### NEW QUESTION 6

What is symmetric encryption?

- A. It simultaneously creates ciphertext and a same-size MAC.
- B. It any form of encryption mat ensures that thee ciphertext Is the same length as the plaintext.
- C. It uses the same key to encrypt plaintext as to decrypt ciphertext.
- D. It uses a Key that is double the size of the message which it encrypts.

**Answer: C**

#### NEW QUESTION 7

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 dent's IP address as the source.
- B. The firewall applies the rules in policies associated with the client's wlan
- C. The firewall applies thee 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 8

You need to deploy an Aruba instant AP where users can physically reach It. What are two recommended options for enhancing security for management access to the AP? (Select two )

- A. Disable Its console ports
- B. Place a Tamper Evident Label (TELS) over its console port
- C. Disable the Web UI.
- D. Configure WPA3-Enterpnse security on the AP
- E. install a CA-signed certificate

**Answer: BE**

#### NEW QUESTION 9

Refer to the exhibit.



Device A is establishing an HTTPS session with the Arubapedia web sue using Chrome. The Arubapedia web server sends the certificate shown in the exhibit What does the browser do as part of vacating the web server certificate?

- A. It uses the public key in the DigCen SHA2 Secure Server CA certificate to check the certificate's signature.
- B. It uses the public key in the DigiCert root CA certificate to check the certificate signature
- C. It uses the private key in the DigiCert SHA2 Secure Server CA to check the certificate's signature.
- D. It uses the private key in the Arubapedia web site's certificate to check that certificate's signature

**Answer: A**

#### NEW QUESTION 10

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

- A. WPA3-Perscn3i is more secure against password leaking Because all users nave their own username and password
- B. WPA3-Personai prevents eavesdropping on other users' wireless traffic by a user who knows the passphrase for the WLAN.
- C. WPA3-Personai 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 10

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 11

What is a reason to set up a packet capture on an Aruba Mobility Controller (MC)?

- A. The company wants to use ClearPass Policy Manager (CPPM) to profile devices and needs to receive HTTP User-Agent strings from the MC.
- B. The security team believes that a wireless endpoint connected to the MC is launching an attack and wants to examine the traffic more closely.
- C. You want the MC to analyze wireless clients' traffic at a lower level, so that the ArubaOS firewall can control the traffic I based on application.
- D. You want the MC to analyze wireless clients' traffic at a lower level, so that the ArubaOS firewall can control Web traffic based on the destination URL.

**Answer:** C

#### NEW QUESTION 16

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 rote 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 mat uses certificates in the account, specify the correct trusted CA certificate and external authentication

**Answer:** A

#### NEW QUESTION 21

What is a benefit or 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 trial 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 24

What correctly describes the Pairwise Master Key (PMK) in thee 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 derived directly from the passphrase and is the same tor every session.
- D. In WPA3-Personal, the PMK is the same for each session and is communicated to clients that authenticate

**Answer:** A

#### NEW QUESTION 26

You are troubleshooting an authentication issue for Aruba switches that enforce 802.1X a cluster of Aruba ClearPass Policy Manager (CPPMs) You know that CPPM Is receiving and processing the authentication requests because the Aruba switches are showing Access-Rejects in their statistics However, you cannot find the record tor the Access-Rejects in CPPM Access Tracker What is something you can do to look for the records?

- A. Make sure that CPPM cluster settings are configured to show Access-Rejects
- B. Verify that you are logged in to the CPPM UI with read-write, not read-only, access
- C. Click Edit in Access viewer and make sure that the correct servers are selected.
- D. Go to the CPPM Event Viewer, because this is where RADIUS Access Rejects are stored.

**Answer:** A

#### NEW QUESTION 28

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 Moodily Controller (MC) datepath 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 30

Refer to the exhibit.

Roles	Policies	Applications	Aliases
Global Rules			
IP VERSION	SOURCE	DESTINATION	SERVICE/APPLICATION
+			
Rules of this Role only			
IP VERSION	SOURCE	DESTINATION	SERVICE/APPLICATION
IPv4	any	any	svc-dhcp
IPv4	user	10.1.5.5	svc-dns
IPv4	any	10.1.0.0 255.255.0.0	any
IPv4	user	10.1.10.0 255.255.255.0	svc-https

A diem is connected to an ArubaOS Mobility Controller. The exhibit shows all Tour firewall rules that apply to this diem  
What correctly describes how the controller treats HTTPS packets to these two IP addresses, both of which are on the other side of the firewall 10.1 10.10 203.0.13.5

- A. It drops both of the packets
- B. It permits the packet to 10.1.10.10 and drops the packet to 203 0.13.5
- C. it permits both of the packets
- D. It drops the packet to 10.1.10.10 and permits the packet to 203.0.13.5.

**Answer:** C

### NEW QUESTION 32

What is a benefit or using network aliases in ArubaOS firewall policies?

- A. You can associate a reputation score with the network alias to create rules that filler traffic based on reputation rather than IP.
- B. You can use the aliases to translate client IP addresses to other IP addresses on the other side of the firewall
- C. You can adjust the IP addresses in the aliases, and the rules using those aliases automatically update
- D. You can use the aliases to conceal the true IP addresses of servers from potentially untrusted clients.

**Answer:** A

### NEW QUESTION 33

You are deploying an Aruba Mobility Controller (MC). What is a best practice for setting up secure management access to the ArubaOS Web UP

- A. Avoid using external manager authentication tor the Web UI.
- B. Change the default 4343 port tor the web UI to TCP 443.
- C. Install a CA-signed certificate to use for the Web UI server certificate.
- D. Make sure to enable HTTPS for the Web UI and select the self-signed certificate Installed in the factory.

**Answer:** C

### NEW QUESTION 38

Your ArubaoS solution has detected a rogue AP with Wireless intrusion Prevention (WIP). Which information about the detected radio can best help you to locate the rogue device?

- A. the match method
- B. the detecting devices
- C. the match type
- D. the confidence level

**Answer:** A

### NEW QUESTION 39

Which attack is an example or social engineering?

- A. An email ls used to impersonate a Dank 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 sell-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 43**

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