

HP

Exam Questions HPE6-A42

Implementing Aruba WLAN (IAW) 8



NEW QUESTION 1

What is the difference between WPA and WPA2 encryption?

- A. WPA encryption uses symmetric keys, and WPA2 encryption uses asymmetric keys.
- B. WPA encryption acts at Layer 3, and WPA2 encryption acts at Layer 2.
- C. WPA encryption works only with preshared key (PSK) authentication, and WPA2 encryption works with both PSK and 802.1X.
- D. WPA encryption uses TKIP by default, and WPA2 encryption uses AES by default.

Answer: D

NEW QUESTION 2

An Aruba solution runs ArubaOS 8 and uses a mobility master architecture. Which feature can network administrators use to balance wireless devices across APs on different channels?

- A. AirMatch
- B. Client Match
- C. AppRF
- D. ARM

Answer: B

NEW QUESTION 3

A network administrator reduces an AP radio transmit power from 18 dBm to 15 dBm. This is a loss of 3 dBms. What is the current power as a percentage of the original power?

- A. 10%
- B. 33%
- C. 50%
- D. 83%

Answer: C

NEW QUESTION 4

A company has an Aruba Mobility Master (MM)-based solution. Where can a network administrator look to find a list of alerts about a variety of issues on the MM or managed devices?

- A. the Potential Issues dashboard
- B. the top banner
- C. the MM Maintenance pages
- D. the Performance dashboard

Answer: B

NEW QUESTION 5

What is an advantage for a network administrator to use AirWave over a Mobility Master (MM)?

- A. ability to gather and analyze historical user data, and monitor client association and network usage trends
- B. scans wireless client settings and brings those settings in compliance with corporate security policies.
- C. ability to monitor and manage a Mobility Controller (MC) to configure the WLAN
- D. provides realtime firewall hits for client network troubleshooting

Answer: A

NEW QUESTION 6

Refer to the exhibits. Exhibit 1



Exhibit 2

Clients (1)								
Client	Health(%)	IP Address	Band	Radio PHY	Client PHY	Device	Role	Forward Mode
d8:50:e60:f3:6e:bd	98	192.168.99.2	5GHz	VHT 80 MHz	VHT 80 MHz	Unknown	exam_g...t-logon	Tunnel

A company has a Mobility Master (MM)-based solution with a guest WLAN. Users can connect to the WLAN, but they receive the error shown browser rather than see login page. Exhibit 2 shows the status for one of the guest clients. What is one issue that could cause the errors described?

- A. The firewall blocks DHCP traffic between the guest clients and the DHCP server.
- B. The DHCP pool for guests does not assign users a DNS server address.
- C. The MM and Mobility Controllers (MCs) have invalid certificates.
- D. The Captive Portal is not enabled for the role to which these clients are assigned.

Answer: B

NEW QUESTION 7

Which task can an Aruba Air Monitor (AM) perform?

- A. Analyze wireless traffic patterns at the application level.
- B. Optimize RF through the AP channel and transmit power plans.
- C. Analyze RF signals to determine the cause of non-802.11 interference.
- D. Prevent client connections to rogue APs.

Answer: D

NEW QUESTION 8

A company has an Aruba solution that is monitored by AirWave. Several users have recurring connectivity and performance issues with their wireless clients. How can network administrators use AirWave to monitor these clients more easily?

- A. Specify the clients as Watched Clients and view the tables and graphs for these clients.
- B. Click the Down icon in the Airwave banner to quickly see a list of issues with client connections.
- C. Use the Client > Tags windows to tag the client for periodic checks and analysis.
- D. Run Device Summary reports and filter for the client MAC addresses within the report.

Answer: B

NEW QUESTION 9

Network administrators use the wizard to create a WLAN that uses WPA2-Enterprise security to a RADIUS server at 10.21.98.55. They do not manually change any settings.

Which device determines the EAP type that the wireless clients must support?

- A. Mobility Master (MM)
- B. Mobility Controller (MC)
- C. RADIUS server
- D. AP

Answer: C

NEW QUESTION 10

How can network administrator provide high availability for APs deployed in an Aruba Mobility Master (MM)-based architecture?

- A. Establish clusters of Mobility Controllers (MCs).
- B. Configure MM to provide backup AP tunnel termination in case of controller failure.
- C. Deploy all licenses locally to APs, so that they can continue to function if they lose contact with their controller.
- D. Configure APs to convert to controller-less Instant AP mode during controller failure.

Answer: A

NEW QUESTION 10

Which APs operate in an autonomous or standalone mode?

- A. remote APs (RAPs)
- B. spectrum analyzers (SAs)
- C. mesh points (APs)
- D. instant AP (IAP) clusters

Answer: D

NEW QUESTION 11

Which feature is unique to 802.11ac Wave 2 access points?

- A. band steering
- B. multiple spatial streams

- C. 40MHz channel bonding
- D. multi-user MIMO (MU-MIMO)

Answer: D

NEW QUESTION 15

For which use case should network administrators set up Aruba access points (APs) as multi-zone APs?

- A. The company has multiple small branch offices where APs at each branch office must forward internet traffic locally and corporate traffic over a secure tunnel to a centralized Mobility Controller (MC).
- B. The company has some devices that support both 5GHz and 2.4GHz, and the APs must operate in both frequency bands.
- C. The company requires high availability for its wireless services, and APs must be able to be controlled by more than one Mobility Controller (MC) in case a controller fails.
- D. The company has a Mobility Manager (MM)-based solution that requires APs to terminate to multiple controllers that reside in different administrative domains.

Answer: D

NEW QUESTION 18

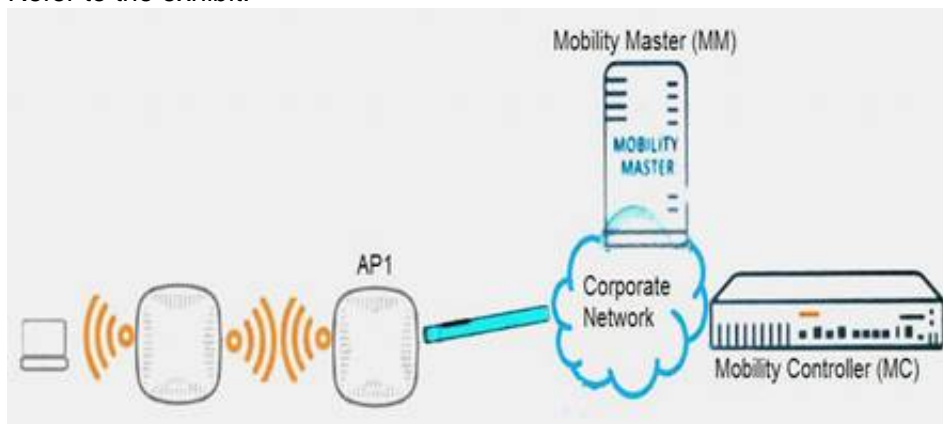
A network administrator wants to use unique digital certificates installed on user devices to authenticate wireless users. Which EAP method should the RADIUS server and clients support?

- A. PEAP and MS-CHAPv2
- B. EAP-TLS
- C. EAP-TTLS and MS-CHAPv2
- D. LEAP

Answer: B

NEW QUESTION 20

Refer to the exhibit.



Which role must AP1 play?

- A. Instant AP (IAP)
- B. Mesh Point AP
- C. Mesh Portal AP
- D. Remote AP (RAP)

Answer: C

NEW QUESTION 25

What is one setting that a network administrator can configure for user roles in an Aruba solution?

- A. DHCP pool
- B. ClientMatch rules
- C. source NAT
- D. Maximum session

Answer: A

NEW QUESTION 29

A network administrator needs to create an Aruba firewall rule that permits wireless users to receive DHCP settings when they first connect to the Aruba solution. What are the correct source and destination aliases for the rule?

- A. source = any and destination = user
- B. source = any and destination = any
- C. source = user and destination = user
- D. source = user and destination = any

Answer: A

NEW QUESTION 31

Which improvement does ArubaOS 8 offer for the Client Match feature?

- A. It checks the compliance posture for Bring Your Own Device (BYOD) endpoints to improve security.

- B. It enables the application of unique CM rules for specific client types.
- C. It checks client behavior against a wider array of rules to detect more DoS attacks and intrusion attempts.
- D. It offloads client load balancing decisions to local controllers.

Answer: D

NEW QUESTION 36

When an Aruba solution uses AirMatch, which device generates the channel and power plan for an AP?

- A. the AirWave Management Platform
- B. the Mobility Master (MM)
- C. the Mobility Controller (MC) for the AP
- D. the AP itself

Answer: B

NEW QUESTION 37

Which Mobility Master (MM) dashboard should an administrator access to view a list of rogue and interfering APs?

- A. Potential issues
- B. Security
- C. Performance
- D. Network

Answer: B

NEW QUESTION 39

A company has a single Aruba Mobility Master (MM)-based solution with two Mobility Controllers (MCs). Network administrators want APs in building 1 to support a WLAN but do not want APs in building 2 to support the WLAN.

How can administrator ensure that they can enforce this rule as they set up the WLAN in the Mobility Master (MM) Interface?

- A. Place APs in different buildings in different AP Groups.
- B. Assign APs in different buildings to different MM nodes.
- C. Configure APs in different buildings to use different frequency bands.
- D. Assign different radio profiles to APs in different buildings.

Answer: A

NEW QUESTION 43

A network administrator wants to implement MAC filtering for the wireless network of a local financial firm to ensure that only employees can access the wireless network. What is a potential weakness of this solution?

- A. MAC filters cannot be applied with WPA2 encryption.
- B. Authorized MAC addresses are visible in plaintext in the air and can be easily spoofed.
- C. Many popular clients do not have the capability to connect to WLANs that use MAC filters.
- D. MAC filters offer no protection against authorized users who try to connect unauthorized devices.

Answer: B

NEW QUESTION 46

A network administrator adds several new APs to an Aruba solution that uses AirMatch. The administrator does not want to change the channel for the existing APs, but wants the new APs to receive a provisional plan for their channels and power.

What should the administrator do to meet this goal?

- A. Run an on-demand quick AirMatch optimization.
- B. Run an on-demand incremental AirMatch optimization.
- C. Temporarily enable ARM on the existing and new APs, while AirMatch scheduling remains enabled.
- D. Temporarily disable AirMatch scheduling, and then enable ARM on the existing and new APs.

Answer: B

NEW QUESTION 51

A network manager wants to implement an Aruba wireless solution that accommodates 802.1X with EAP-TLS. All wireless users will utilize Active Directory (AD) accounts to authenticate.

Which device will the authenticator forward the authentication requests to in this type of solution?

- A. APs
- B. RADIUS server
- C. Mobility Controller (MC)
- D. Mobility Master (MM)

Answer: C

NEW QUESTION 55

Which deployment option for Aruba Controllers is new to ArubaOS 8?

- A. deployment as virtual appliances
- B. deployment in standalone mode
- C. deployment in master-local mode
- D. deployment as branch office controller

Answer: A

NEW QUESTION 56

A company plans to deploy a Mobility Master (MM) solution with two MM nodes. The MM solution will manage 10 Mobility Controller (MC) appliances that will control a total of 400 APs.

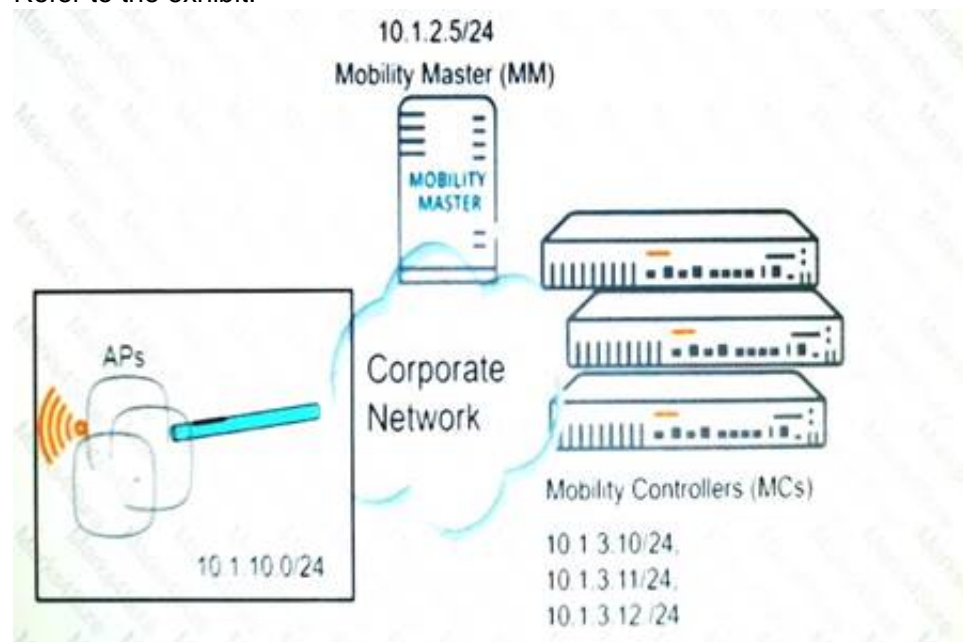
How should the network administrator install the AP licenses?

- A. 40 AP licenses on the MM and no licenses on the MC
- B. 400 AP licenses on the MM and no licenses on the MC
- C. 800 AP licenses on each MC and no licenses on the MC
- D. 800 AP licenses on the MM and 40 AP licenses on each MC

Answer: B

NEW QUESTION 59

Refer to the exhibit.



What is a valid way to help the APs discover devices that can control them?

- A. Set up an Aruba Central subscription, and ensure that APs can reach the Internet.
- B. Enable CPSec, and ensure the Mobility Master (MM) and Mobility Controllers (MCs) trust the Aruba certificates installed on the APs at the factory.
- C. Specify the Mobility Master (MM) IP address in DHCP option 43 on the network DHCP server.
- D. Map the Mobility Controller (MC) IP addresses to the aruba-master name on the network DNS server.

Answer: D

NEW QUESTION 63

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