HPE6-A42$^{Q\&As}$

Implementing Aruba WLAN (IAW) 8

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QUESTION 1

A customer has a large campus that requires 400 Aruba 335 APs to support a total of 10,000 wireless users and 12Gbps of traffic. Although the customer wants two controllers for redundancy, each controller must be able to support all of the APs and users on its own.

Which Aruba Mobility Controller models meet the customer requirements and DO NOT unnecessarily exceed them?

A. Aruba 7024 controllers

B. Aruba 7210 controllers

C. Aruba 7240 controllers D. Aruba 7030 controllers

Correct Answer: B

QUESTION 2

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)

Correct Answer: D

QUESTION 3

A company has a Mobility Master (MM)-based solution. A network administrator wants to monitor data transfer speed ranges of all currently connected clients.

Which dashboard page in the MM interface should the administrator visit?

A. Security

B. Performance

C. Traffic Analysis

D. Network

Correct Answer: B

QUESTION 4

How can network administrators upgrade AirMatch on an Aruba Mobility Master (MM)?

A. Upgrade Client Match as part of a global software upgrade, and upgrade AirMatch separately as a loadable service module (LSM).

B. Upgrade AirMatch as part of a global software upgrade, and upgrade Client Match separately as a loadable service module (LSM).

C. Upgrade AirMatch and Client Match through a global software upgrade.

D. Upgrade Client Match and AirMacth separetely as a loadable service modules (LSMs).

Correct Answer: D

QUESTION 5

Refer to the exhibits. Exhibit 1

AAA Profile: Exam_Employees

AAA Profile: Exam_Employees ▽

Initial role: logon ▽

MAC Authentication Default Role: guest ▽

802.1X Authentication Default Role: guest ▽

Download Role from CPPM: ☐

Set username from dhcp option 12: ☐

L2 Authentication Fail Through: ☐

Multiple Server Accounting: ☐

User Idle timeout:

[   ] seconds

Max IPv4 for Wireless user: 2

RADIUS Interim Accounting: ☐

Exhibit 2

Clients(1)								Default Columns ▽ △
Client ▼	Health(%) ▼	IP Address ▼	Bond ▼	Radio PHY ▼	Client PHY ▼	Device ▼	Role ▼	Forward Mode ▼
employee	48	10.1.51.150		2.4 GHz	HT 2D MHz	HT 2D MHz	Unknown	guest	Tunnel

An Aruba solution supports a WLAN that uses WPA2-Enterprise security. Exhibit 1 shows the AAA policy for the WLAN. Users are supposed to be assigned to different roles after authentication. Network administrators test a connection with the employee user account. Exhibit 2 shows the status for the client after this test.

What is a possible reason for the issue shown in Exhibit 2?

A. The shared key configured for the ClearPass server is incorrect.

B. The RADIUS server is not correctly set up to send a user role for the employee account.

C. MAC authentication is enabled on the WLAN, and the test device does not have an authorized address.

D. The administrators entered the wrong password for the employee account.

Correct Answer: B

QUESTION 6

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

Correct Answer: B

QUESTION 7

Refer to the exhibits. Exhibit 1

Exam_Employee	General	VLANs	Security	Access

Name (ssid):   Exam_Employee

Primary usage: ◉ Employee   ○ Guest

                        Select AP Groups ▼

Broadcast on: ✓ default ▲
                        ☐ PublicAreas ▼

Forwarding mode: Tunnel ▼

Broadcast SSID: Yes ▼

Exhibit 2

Exam_Employee	General	VLANs	Security	Access

More
Secure

═══ Enterprise ───────

Personal

Open

Less
Secure

Key management: WPA-2 Enterprise ▼

                   myradiusser...

Auth servers:

                   ╋

Reauth interval: 86400   sec. ▼
Machine
authentication: Disabled ▼
Blacklisting: Disabled ▼

Network administrators use the Aruba Mobility Master (MM) wizard to create a WLAN and do not manually alter any of the profiles for that WLAN. The exhibits show some of the settings for the WLAN. Some wireless users cannot

successfully connect to the WLAN. Network administrators attempt to connect on their own machines with a test account, and the connection is successful. They attempt to connect with the same account on user clients, and the connection fails.

Which issue could prevent authentication from completing correctly?

A. The user clients have unauthorized MAC addresses, so the RADIUS server rejects the authentication even though the username and password are correct.

B. The user clients do not trust the RADIUS server certificate and are configured not to prompt users to trust new certificates.

C. Some access points (APs) are not configured as clients on the RADIUS server, so user clients connected to them cannot authenticate.

D. The RADIUS server has reached the maximum number of RADIUS clients that it can support, so it rejects new wireless clients.

Correct Answer: B

QUESTION 8

Which settings can a Mobility Master (MM) deploy to Mobility Controllers (MCs) but master controllers CANNOT deploy to local controllers?

A. radio profiles

B. AAA profiles

C. VLAN settings

D. WLAN settings

Correct Answer: A

QUESTION 9

A company has many 7220 controllers in its Aruba wireless architecture. A network administrator wants to use the Traffic Analysis dashboard in order to monitor which type of applications is being used by wireless users.

What is required for this implementation?

A. Airmatch and ClientMatch must be enabled.

B. The solution must have active PEFNG licenses.

C. Firewall policies must include application filtering rules.

D. WLANs must use the decrypt-tunnel forwarding option.

Correct Answer: B

QUESTION 10

An Aruba Mobility Master (MM)-based solution has two Virtual MM nodes, a primary and a backup node. The solution must support 30 Virtual Mobility Controllers (VMCs) that will support a total of 960 APs.

Which VMC licenses meet the needs and DO NOT unnecessarily exceed them?

A. two 1000 VMC licenses (MC-VA-1000)

B. one 1000 VMC license (MC-VA-1000)

C. two 50 VMC licenses (MC-VA-50)

D. one 50 VMC license (MC-VA-50)

Correct Answer: B

QUESTION 11

A customer has a large campus that requires 400 Aruba 335 APs to support a total of 20,000 wireless users and 12Gbps of traffic. Although the customer wants two controllers for redundancy, each controller must be able to support all of the APs and users on its own.

Which Aruba Mobility Controller models meet the customer requirements and DO NOT unnecessarily exceed them?

A. Aruba 7024 controllers

B. Aruba 7210 controllers

C. Aruba 7240 controllers

D. Aruba 7030 controllers

Correct Answer: B

QUESTION 12

Refer to the exhibit.

```
(MM) ^[mynode] #show airmatch solution

Seq  Time            Aps  [5GHz] Radios Cost Conflict Deploy  [2GHz] Radios Cost Conflict Deploy Type
#2   20161230_05:04:51  1          1    1.0      0.0 No              1    4.0      0.0 No     Scheduled
#1   20161228_12:45:24  1          1    1.0      0.0 Yes             1    4.0      0.0 Yes    Incremental - Auto

(MM) [mynode] #show airmatch solution 2

# 20161230_05:04:51 Scheduled
# 5GHz   capacity/network cost/solution cost/improvement: 4.0/1.0/1.0/0.0%
# 2.4GHz capacity/network cost/solution cost/improvement: 1.0/4.0/4.0/0.0%
# Band Radio            Mode Chan  CBW    EIRP (dBm)   APName
  5GHz 70:3a:0e:59:81:30 AP   157i  80.          18.  EastAP
  2GHz 70:3a:0e:59:81:20 AP   1i    20*           9.  EastAP

[*] regarded frozen | [.] no change| [i] channel ignored because insufficient quality increase
```

An Aruba solution uses AirMatch with the default AirMatch profile settings. A network administrator sees that a

scheduled optimization was completed, but a plan was not deployed.

Based on the exhibit, why did this occur?

A. The cost of the new plan exceeds the amount allowed by the feature license

B. The new plan did not offer significantly improved quality

C. The solution uses master-local mode

D. ARM is disabled in the radio profile, so AP radios are considered frozen

Correct Answer: B

QUESTION 13

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%

Correct Answer: C

QUESTION 14

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

Correct Answer: A

QUESTION 15

A WLAN in an Aruba Mobility Master (MM)-based solution uses WPA2-Enterprise security. This WLAN currently authenticates users to Active Directory (AD), and users log in with their Windows domain credentials. Network administrators now want to authenticate the Windows clients as well, based on the client Computer Names.

What should the administrators do on MM to achieve this goal?

A. Set up Machine Authentication on the WLAN.

B. Set up Mac Authentication on the WLAN.

C. Bind individual Mobility Controllers (MCs) to AD at the device level.

D. Import the computer names from AD to the MM internal database.

Correct Answer: B

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