

HPE6-A42^{Q&As}

Implementing Aruba WLAN (IAW) 8

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QUESTION 1

Refer to the exhibits. Exhibit 1

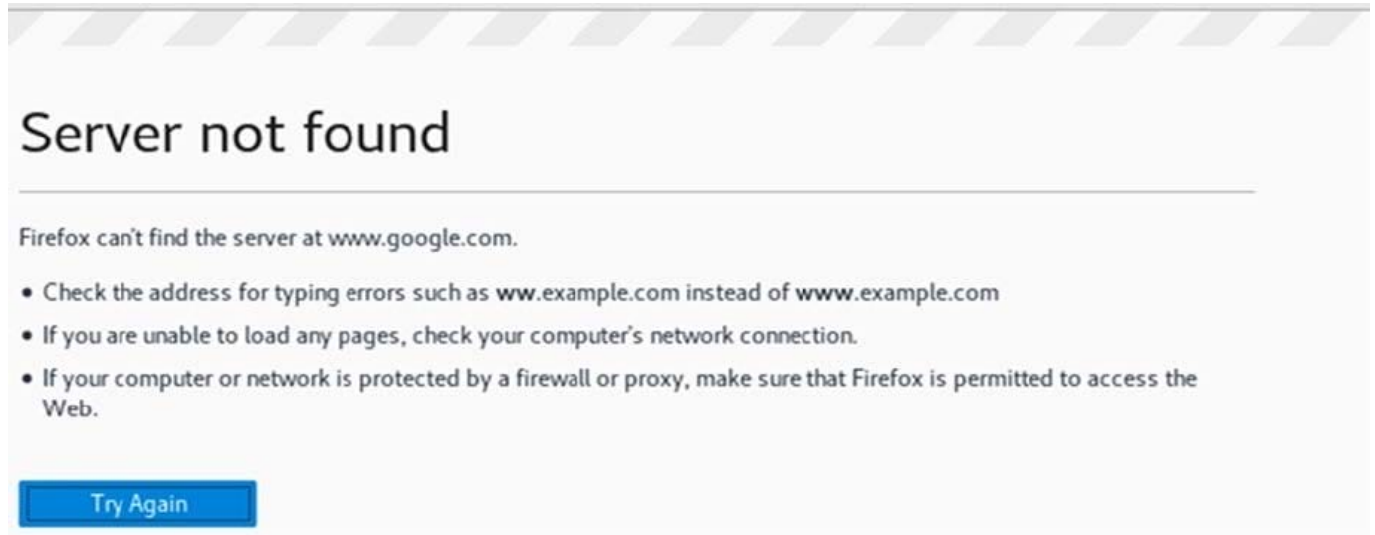


Exhibit 2

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.

Correct Answer: B

QUESTION 2

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.

Correct Answer: D

QUESTION 3

A company plans to deploy a Mobility Master (MM) solution with two MM nodes. The MM solution will manage 20 Mobility Controller (MC) appliances that will control a total of 800 APs.

How should the network administrator install the AP licenses?

- A. 40 AP licenses on the MM
- B. 400 AP licenses on the MM
- C. 800 AP licenses on each MC
- D. 800 AP licenses on the MM and 40 AP licenses on each MC

Correct Answer: A

QUESTION 4

Refer to the exhibit.

The screenshot shows the configuration page for the 'Exam_Employee' profile. The left sidebar lists various profile types, with 'AAA' selected. The main area displays the 'AAA Profile: Exam_Employee' configuration. The 'AAA Profile' is set to 'Exam_Employee', the 'Initial role' is 'logon', and the 'Mac Authentication Default Role' is 'guest'. Under the '802.1X' section, the 'Authentication Default Role' is set to 'authenticated'. The 'Download Role from CPPM' checkbox is checked. Other options like 'Set username from dhcp option 12', 'L2 Authentication Fall Through', and 'Multiple Server Accounting' are unchecked.

The exhibit shows the AAA profile for a WLAN on an Aruba solution. This WLAN uses 802.1X to authenticate users to a RADIUS server. A user successfully authenticates with 802.1X, but the RADIUS server does not send a role assignment.

How does the Aruba firewall handle the role assignment for this user?

- A. It does not assign a role.
- B. It applies the Aruba VSA role employee.
- C. It assigns the logon role.
- D. It assigns the authenticated role.

Correct Answer: D

QUESTION 5

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.

Correct Answer: D

QUESTION 6

How does WPA2 protect wireless user traffic in the air?

A. It provides data integrity with AES and no data privacy.

B. It provides both data integrity and privacy with AES.

C. It provides data privacy with TKIP and no data integrity.

D. It provides data integrity with TKIP and data privacy with AES.

Correct Answer: D

QUESTION 7

Which IEEE standard provides the highest transmission rates in the 5.0GHz frequency band?

A. 802.11a

B. 802.11ac

C. 802.11g

D. 802.11n

Correct Answer: D

QUESTION 8

A network administrator configures an Aruba Mobility Master (MM)-based solution to provide wireless access to employees. The solution must meet these criteria:

Authenticate users to a network RADIUS server

Enforce different Aruba firewall rules based on the user department

How can the administrator meet these criteria in the simplest way?

A. Have the RADIUS server assign users in different departments to different VLANs. Apply firewall policies based on IP ranges.

B. Have the RADIUS server send different roles for users in different departments. Apply role-based firewall policies.

- C. Create multiple zones on the MM. Assign different departments and sets of firewall policies to different zones.
- D. Create a different WLAN and SSID for each department. Apply different firewall policies to each WLAN.

Correct Answer: B

QUESTION 9

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

Correct Answer: A

QUESTION 10

Assume that administrators accept the default forwarding mode for WLANs. How does wireless user traffic flow in a master-local architecture, and how does it flow in a Mobility Master (MM) architecture?

- A. In the master-local architecture, all traffic is tunneled to the master controller to handle. In a MM architecture, all traffic is tunneled to the MM to handle.
- B. In both architectures, APs forward corporate user traffic locally and tunnel guest user traffic to a Mobility Controller (MC) to handle.
- C. In both architectures, traffic is tunneled to a Mobility Controller (MC) to handle.
- D. In the master-local architecture, traffic is tunneled to a local Mobility Controller (MC) to handle. In a MM architecture, all traffic is tunneled to the MM to handle.

Correct Answer: B

QUESTION 11

A company currently uses Instant APs (IAPs), all managed by a virtual controller. The company expects to double in size without the next 18 months. The network manager wants to purchase additional APs to service the increased traffic load. The network manager also wants to deploy a Mobility Controller (MC) to manage all APs.

How should the network administrator adapt the current IAPs to a controlled architecture?

- A. Manage both the MCs and IAP clusters with Aruba Central.
- B. Configure the IAPs to establish CPsec tunnels to the new MCs.

- C. Manage both the MCs and IAP clusters with a Mobility Master (MM).
- D. Convert the IAPs to Campus APs controlled by the new MCs.

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     li   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

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. Help to detect rogue APs in the environment.

Correct Answer: D

QUESTION 14

A network administrator configures this policy:

```
ip access-list session Guest
  user any svc-dhcp permit
  user any network 10.0.0.0 255.0.0.0 deny
  user any any permit
```

Users to which this policy applies are unable to receive IP addresses with DHCP. How should the administrator fix the issue?

- A. Change user to any in the user any svc-dhcp permit rule.
- B. Move the user any svc-dhcp permit rule to the bottom of the list.
- C. Remove the deny rule from the policy.
- D. Use the correct service alias in the user any svc-dhcp permit rule.

Correct Answer: D

QUESTION 15

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.

Correct Answer: B