

HP

Exam Questions HPE6-A70

Implementing Aruba WLAN (IAW) 8.4



NEW QUESTION 1

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 ▼

Auth servers:

myradiusser...

+

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.

Answer: B

NEW QUESTION 2

A company plans to deploy a Mobility Master (MM). The MM will manage 50 Mobility Controller (MC) appliances that will control a total of 680 APs, and 10 Virtual Mobility Controllers (VMCs) that will control a total of 160 APs. How many MM licenses does the company require?

- A. 60
- B. 210
- C. 900
- D. 960

Answer: C

Explanation:

Starting with ArubaOS 8.0.1, the MM license is required to terminate devices (controllers or APs) on Mobility Master. If the Mobility Master does not have sufficient MM licenses and an AP fails to obtain a license, that AP can get an IP address and connect to its controller, but will not broadcast an SSID.

NEW QUESTION 3

Which type of authentication server should administrators select to authenticate users to a ClearPass server?

- A. Windows
- B. RADIUS
- C. TACACS+
- D. LDAP

Answer: B

NEW QUESTION 4

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 5

Refer to the exhibit.

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

The exhibit shows output from a Mobility Master (MM) dashboard. What does the health status indicate?

- A. It takes the AP about twice as long to send data to the client as expected if all transmissions succeeded.
- B. About half of the heartbeats the client sends reaches the Mobility Manager (MM).
- C. The maximum data rate that 802.11ac supports is about twice as high as the data rate the client uses.
- D. The client device only complies with about half of the rules in the endpoint health policy.

Answer: A

NEW QUESTION 6

A network administrator creates an employee WLAN on an Aruba solution that uses WLAN WPA2-Enterprise security and an external RADIUS server. When the administrator tests the WLAN, the test client receives limited connectivity and cannot access any resources, but the RADIUS server shows that the user authenticated successfully. What should the administrator check as a possible source of this issue?

- A. the connectivity between the AP that the client is associated to and the MC
- B. the firewall role and policy that apply to this user
- C. the certificate on the RADIUS server
- D. the connectivity between the Master Controller (MC) for the client and the RADIUS server

Answer: B

NEW QUESTION 7

A company has a Mobility Master (MM)-based solution with an employee WLAN. Several users report that they can connect to the WLAN, but they cannot access all of the resources that they should.

Where should the network administrator look in the MM interface to find the roles to which these users are actually assigned?

- A. Configuration > Policies & Roles
- B. Dashboard > Security
- C. Dashboard > Clients
- D. Configuration > WLANs > Profiles > AAA Profile

Answer: A

NEW QUESTION 8

What does an Aruba Mobility Master (MM) do before it deploys a configuration to a Mobility Controller (MC)?

- A. It encrypts the configuration to be deployed and backs it up to a secure archive.
- B. It obtains the current configuration, encrypts it, and backs it up to a secure archive.
- C. It synchronizes the configuration with templates on Aruba AirWave.
- D. It removes any commands that are not supported on that MC or have dependency errors.

Answer: D

NEW QUESTION 9

Refer to the exhibit.

General	Admin	Airwave	Licensing	Certificates	SNMP	Logging	Profiles	Whitelist	▼
Usage	Mobility Master Licenses			Controller Licenses					
	AP	PEF	RF Protect	ACR	WebCC	MM	VMC		
⊖ Global License Pool	1/32	0/32	0/32	0/0	0/0	2/500	0/0		
⊕ Building1	0	0	0	0	0	0	0		

Based on the exhibit, what is the maximum number of APs that this Mobility Master (MM) solution can support?

- A. 1
- B. 32
- C. 500

Answer: C

NEW QUESTION 10

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

Answer: C

NEW QUESTION 10

What is a role fulfilled by an Aruba Mobility Master (MM)?

- A. It forwards and routes traffic for wireless users across multiple sites.
- B. It terminates control tunnels for Aruba APs.
- C. It provides an advanced Web portal for onboarding Bring Your Own Device (BYOD) devices.
- D. It manages VLAN and routing configuration for multiple Mobility Controllers (MCs).

Answer: D

NEW QUESTION 13

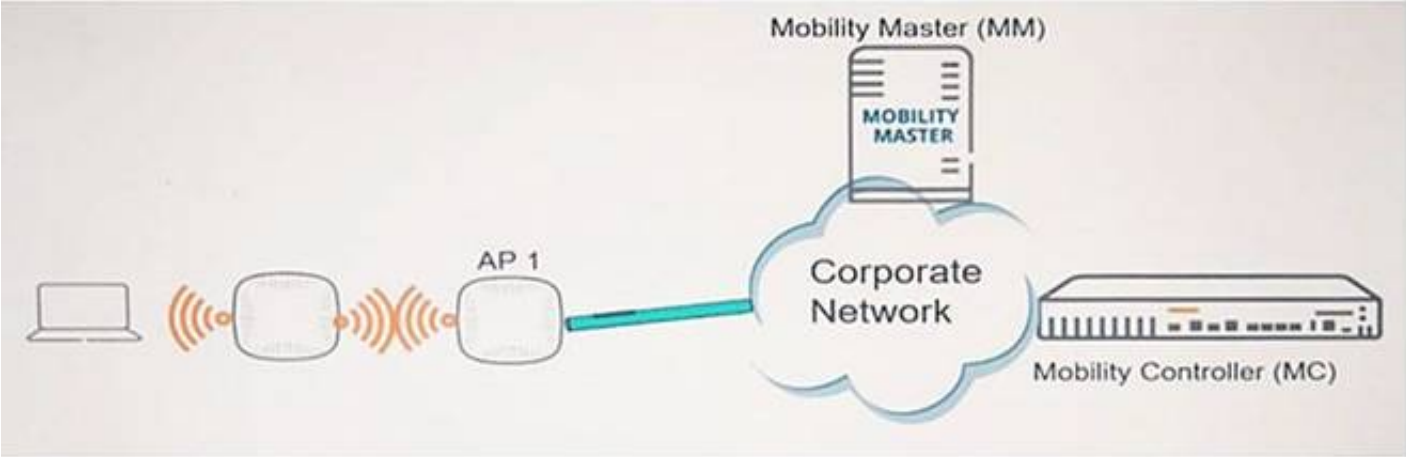
A company has a Mobility Master (MM)-based solution. There is a hardware issue with the MM appliance, and, as result, all connectivity is lost between the appliance and the network. The network manager is concerned about how this will impact licensing. How will the Mobility Controller (MC) be affected?

- A. The MC maintains its current licenses for 30 days.
- B. The MC maintains only licenses that have been locally installed on it.
- C. The MC contacts Aruba Activate and uses the licensing limits defined there.
- D. The MC loses all licenses and cannot support APs or clients.

Answer: A

NEW QUESTION 14

Refer to the exhibit.



Which role must AP 1 play?

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

Answer: B

NEW QUESTION 17

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

- A. DHCP pool
- B. ClientMatch rules
- C. source NAT
- D. bandwidth limit

Answer: D

NEW QUESTION 21

A company plans to deploy a Mobility Master (MM). The MM will manage 50 Mobility Controller (MC) appliances that will control a total of 700 APs, and 10 Virtual Mobility Controllers (VMCs) that will control a total of 200 APs.

How many MM licenses does the company require?

- A. 60
- B. 210
- C. 900
- D. 960

Answer: D

Explanation:

Starting with ArubaOS 8.0.1, the MM license is required to terminate devices (controllers or APs) on Mobility Master. If the Mobility Master does not have sufficient MM licenses and an AP fails to obtain a license, that

AP can get an IP address and connect to its controller, but will not broadcast an SSID.

NEW QUESTION 26

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: D

NEW QUESTION 28

What is a key difference between an Aruba Air Monitor (AM) and an Aruba Spectrum Analyzer (SA)?

- A. An AM detects threats such as rogue APs, while an SA analyzes RF conditions.
- B. An AM detects rogue APs and provides data services to clients, while an SA only detects rogue APs.
- C. An AM scans on only one 802.11 frequency band, while an SA scans on both 802.11 frequency bands.
- D. An AM both detects wireless intrusion attempts and mitigates them, while an SA only detects wireless intrusion attempts.

Answer: A

NEW QUESTION 29

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 33

Refer to the exhibit.

Exam_EmployeesGeneralVLANsSecurityAccess

More Secure

Enterprise

Personal

Open

Less Secure

Key Management:WPA-2 Enterprise

Auth servers

+

Reauth interval:86400sec.

Machine authentication:Disabled

Blacklisting:Disabled

Network administrators need to set up a WLAN that uses WPA2 encryption and authenticates users with a preshared key (PSK) that is the same for all users. Administrators do not see where they should specify the option for the preshared key. What should the administrators do?

- A. Click Personal in the slide bar.
- B. Click the + icon in the Authentication server section
- C. Return to the first page in the wizard and select the guest option
- D. Configure an L3 authentication profile after the WLAN wizard is complete

Answer: A

NEW QUESTION 34

Refer to the exhibit.

Roles

Policies

Applications

Roles > admins

Policies

Bandwidth

Captive Portal

More

Show Basic View

NAME	RULES COUNT	TYPE	POLICY USAGE
global-sacl	0	session	guest, stateful-dot1x, defa...
apprf-admins-sacl	0	session	admins
admins	0	session	admins
allow-network1	1	session	admins

+

admins Policies > allow-network1

TYPE	SOURCE	DESTINATION	SERVICE/APPLICATI...	ALLOW
ipv4	user	alias	any	permit

The alias in the rule shown in the exhibit is network 10.1.1.0/24. A wireless client is assigned IP address 10.1.2.10/24 and the “admins” role. The wireless client at 10.1.2.10 attempts to initiate a Web session with a server at 10.1.1.2. A wired client at 10.1.1.3 attempts to initiate an SSH session with the wireless client at 10.1.2.10. How does the Aruba firewall handle these attempts?

- A. The firewall drops the traffic from the wireless clien
- B. The firewall drops the traffic from the wired client.
- C. The firewall permits the traffic from the wireless client, but drops the return traffic from the serve
- D. The firewall drops the traffic from the wireless client.
- E. The firewall permits the traffic from the wireless client and also permits the return traffic from the serve
- F. The firewall permits the traffic from the wired client and also permits the return traffic from the wireless client.
- G. The firewall permits the traffic from the wireless client and also permits the return traffic from the serve
- H. The firewall drops the traffic from the wired client.

Answer: C

NEW QUESTION 36

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 37

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 41

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: B

NEW QUESTION 43

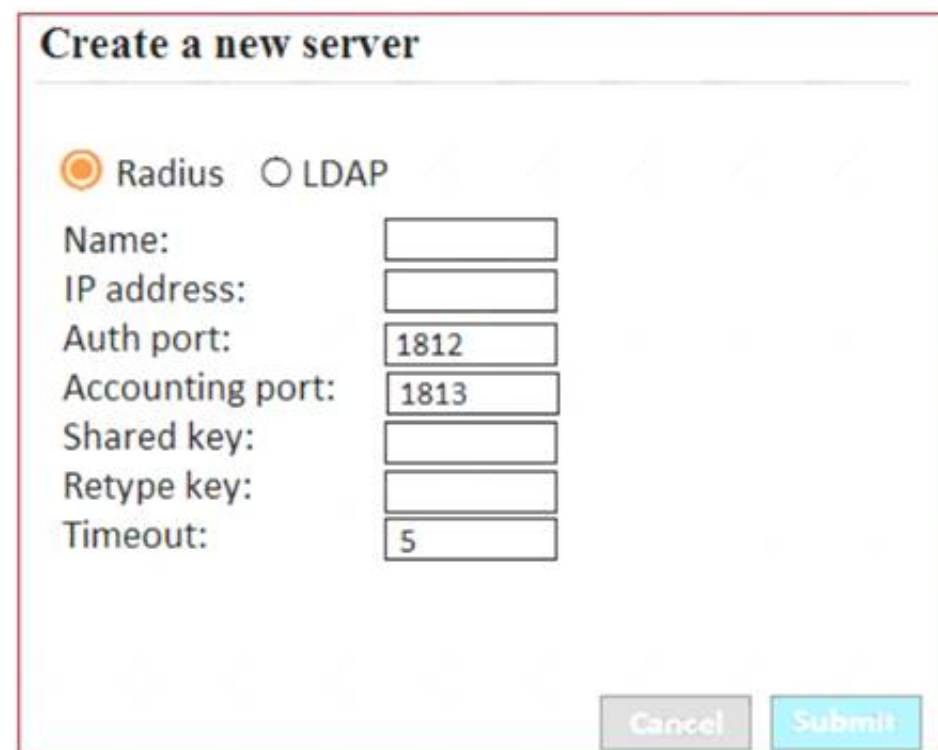
What is an advantage for a network administrator to use AirWave over a Mobility Master (MM)?

- 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 47

Refer to the exhibit.



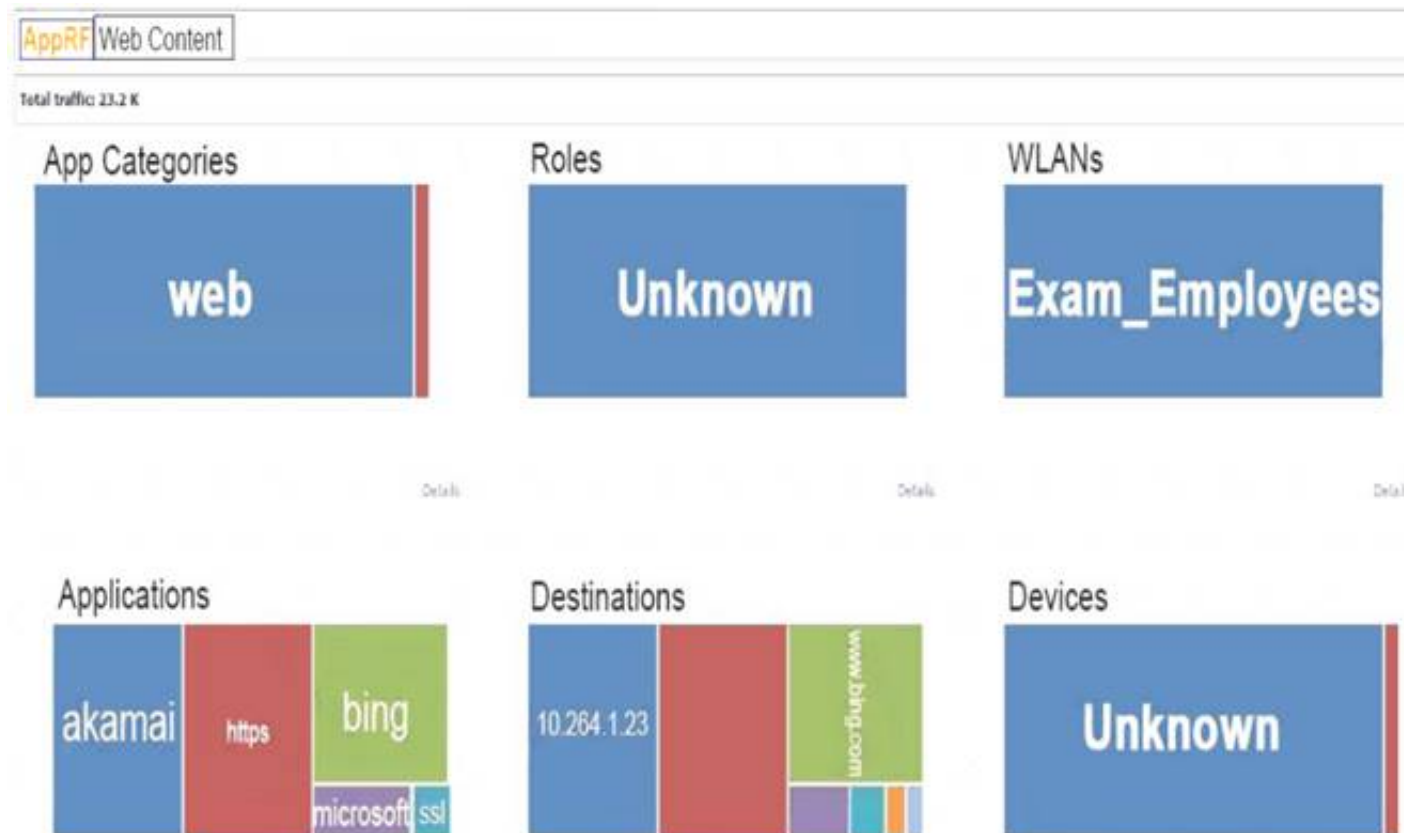
A network administrator needs to specify a RADIUS server for an employee WLAN on an Aruba solution. What must the administrator enter in the Shared key field?

- A. the password defined as the preshared key for the WLAN on the Mobility Master (MM) and on authorized wireless clients
- B. the password configured in a user account with administrative rights on the RADIUS server
- C. the password configured for RADIUS clients on the RADIUS server
- D. the password defined for authorized wireless clients on the RADIUS server and also distributed to authorized wireless clients

Answer: C

NEW QUESTION 48

Refer to the exhibit.



The exhibit shows output from a Mobility Master (MM) dashboard. What is a valid reason for the administrator to click the akamai square under applications?

- A. to create filter rules in order to control wireless user access to this application
- B. to download a report about the usage of this application over time
- C. to see more details about this application, such as a list of aggregated sessions
- D. to see the break down for only roles, destinations, WLANs and devices that use this application

Answer: C

NEW QUESTION 53

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 54

A network administrator uses a wireless intrusion detection system (WIDS) to detect 802.11 association floods. At which layer do these attacks occur?

- A. Layer 1
- B. Layer 2
- C. Layer 3
- D. Layer 7

Answer: B

NEW QUESTION 58

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 60

A company deploys a wireless network in a typical office environment with many surfaces where the signal can bounce. Which 802.11 technology uses the characteristics of this environment to increase wireless speeds?

- A. Channel bonding
- B. Multiple Input Multiple Output (MIMO)
- C. Transmit Power Control (TPC)
- D. QAM modulation

Answer: B

NEW QUESTION 64

A company has an Aruba solution that supports an employee WLAN. How can network administrators control in which subnets users receive IP addresses?

- A. Set the VLANs associated with desired subnets in the WLAN settings.
- B. Configure firewall policies that permit the desired subnet, and add them to the initial role for the WLAN.
- C. In the WLAN settings, configure User role rules with the desired subnet addresses as match criteria.
- D. Assign switch ports connected to APs to VLANs associated with the desired subnets.

Answer: A

NEW QUESTION 69

A company wants to provide wireless access for guests with their Aruba solution. Which configuration feature requires the customer to purchase PEFNG licenses?

- A. redirection of guests to an external captive portal
- B. provision of DHCP services to unauthenticated guests
- C. addition of custom rules to control access for authenticated guests
- D. customization of the internal captive portal login page

Answer: C

NEW QUESTION 73

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

Answer: D

NEW QUESTION 78

A network administrator monitors an Aruba Mobility Controller with Aruba AirWave and sees the configuration status is Error. What should the administrator conclude?

- A. AirWave checks the controller configuration and detects a syntax error.
- B. AirWave determines that the controller configuration does not match the template for its group.
- C. AirWave has a communication issue with the controller and cannot check the configuration.
- D. AirWave detects a mismatch with the controller configuration and software version.

Answer: C

NEW QUESTION 83

What is one difference between how administrators can use the Mobility Master (MM) Interface as compared to the AirWave Management Platform?

- A. AirWave shows trends for the past several minutes, while MM shows historical data.
- B. MM shows trends for the past several minutes, while AirWave shows historical data.
- C. AirWave shows the current signal level for the client connection, while MM does not show RF statistics.
- D. MM shows user and role information associated with clients, while AirWave does not.

Answer: B

NEW QUESTION 87

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

Answer: B

NEW QUESTION 91

What is the minimum space between channels in the 2.4GHz range to prevent overlap?

- A. 1 channel
- B. 3 channels
- C. 5 channels
- D. 7 channels

Answer: C

NEW QUESTION 96

Which pre-defined role allows DHCP, DNS, and internal captive portal redirection for a guest WLAN?

- A. exam_guest-guest-logon
- B. authorized
- C. guest-logon
- D. guest

Answer: C

NEW QUESTION 101

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.

Answer: D

NEW QUESTION 106

A WLAN in an Aruba Mobility Master (MM)-based solution enforces Enterprise-WPA2 security and uses the tunnel forwarding mode. The company has an external RADIUS server.

Which device exchanges RADIUS packets with the RADIUS server?

- A. Mobility Controller (MC)
- B. wireless client
- C. access point (AP)
- D. Mobility Master (MM)

Answer: D

NEW QUESTION 111

A network administrator examines a list of 2.4GHz clients with low performance in the Mobility Master (MM) dashboard. Which property for a client should pose a concern as a potential performance issue?

- A. Radio PHY of HT 20MHz
- B. Max speed of 72Mbps
- C. SNR of 18
- D. Usage of 10 MB

Answer: C

NEW QUESTION 116

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