HP

Exam Questions HPE6-A70

Implementing Aruba WLAN (IAW) 8.4

NEW QUESTION 1
A company has an Aruba Mobility Master (MM)-based solution that runs ArubaOS 8 and uses the default AirMatch and Client Match settings. The ARM profile has been disabled for 5GHz radios. How are channel and transmit power settings managed for these radios?

A. with legacy ARM
B. with Rule Based Client Match
C. with legacy Client Match
D. with AirMatch

Answer: D

NEW QUESTION 2
Which IEEE standard provides the highest transmission rates in the 2.4GHz frequency band?

A. 802.11a
B. 802.11ac
C. 802.11g
D. 802.11n

Answer: D

NEW QUESTION 3
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 4
Refer to the exhibit.

A network administrator adds a global rule in the area shown in the exhibit. Where does the global rule take effect?

A. It immediately applies only to the guest role, as part of the final policy applied to the role.Administrators cannot apply the rule to other roles.
B. It immediately applies to the guest role and other roles, as part of the first policy applied to the role.
C. It immediately applies to the guest role and other roles, as part of the final policy applied to the role.
D. It immediately applies only to the guest role and other roles, as part of the first policy applied to the role.Administrators can choose to apply the rule to other roles.

Answer: D

NEW QUESTION 5
A company has an Aruba Mobility Master (MM)-based solution. Where can network administrators look to monitor the health status of all controllers, APs, and clients?

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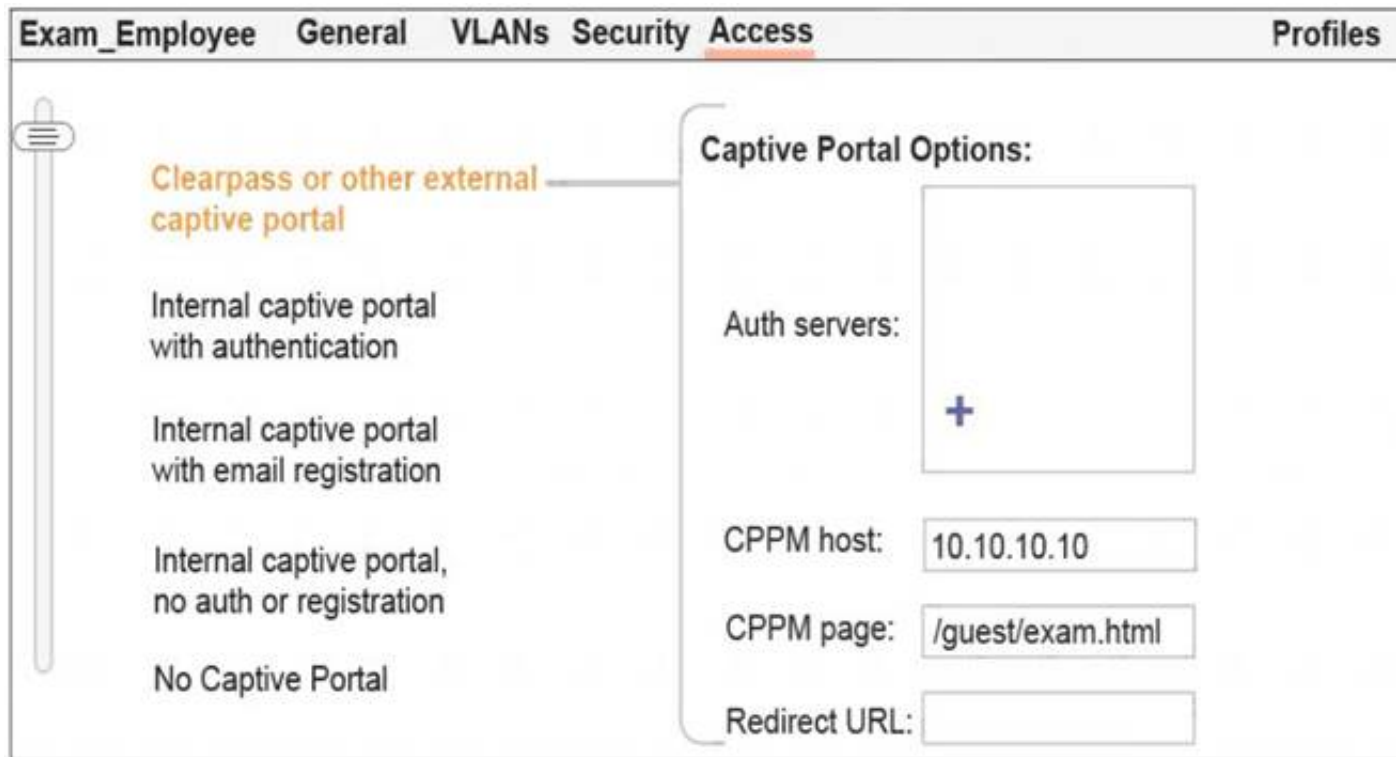D. the Potential Issues dashboard

Answer: A

NEW QUESTION 6
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 7
Refer to the exhibit.

A network administrator creates a guest WLAN on an Aruba Mobility Master (MM). The exhibit shows some of the settings for the WLAN.
How should the network administrator handle the Auth server settings?

A. Add an authentication server with the LDAP type and the IP address of the company AD server.
B. Add an authentication server with the LDAP type and IP address 10.10.10.10.
C. Add an authentication server with the RADIUS type and IP address 10.10.10.10.
D. Add an authentication server with the RADIUS type and the IP address of the company AD server.

Answer: C

NEW QUESTION 8
A company has an Aruba Mobility Master (MM)-based solution with a WLAN that assigns users to VLANs 10–19. The company wants the Aruba solution to act at Layer 3 to route wireless user traffic.
What must network administrators configure to permit the solution to forward traffic correctly?

A. VLAN 10–19 interfaces and proper IP settings on the MM nodes
B. trunk ports that support VLANs 10–19 on the managed Mobility Controllers (MCs)
C. VLAN 10–19 interfaces on the Mobility Controllers (MCs) as the default gateway for wireless users
D. trunk ports that support VLANs 10-19 on the MM nodes

Answer: C

NEW QUESTION 9
What is a valid way to deploy an Aruba Mobility Master (MM)?

A. as a subscription-based service through the Aruba cloud
B. as a role on a Mobility Controller 7030 that is deployed as a standalone controller
C. as a virtual appliance on a server that meets the recommended hardware requirements
D. as a role on a Mobility Controller 7240 that is deployed as a master controller

Answer: C

NEW QUESTION 10
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 10
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.

Answer: B

NEW QUESTION 13
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 16
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)

Answer: B

NEW QUESTION 20
An Aruba solution has a WLAN that uses WPA2-Personal security. How are encryption keys dynamically managed for the wireless users?

A. The MM generates and distributes keys to clients and access points (APs).
B. Administrators configure identical key strings on the Mobility Controllers (MCs) and wireless client 802.1X settings.
C. Keys are generated and distributed securely during each wireless user authentication process.
D. Keys are derived from the preshared key configured on the WLAN and on each wireless client.

Answer: D

NEW QUESTION 25
A company has an Aruba solution with a guest WLAN named exam_guest. A network administrator creates the guest WLAN with the wizard and does not change any of the default roles. The authentication server does not send particular role assignments for authorized users. The company wants to deny guest access to specific IP rnages after the guests authenticate.
For which role should the administrator create the rule to deny this traffic?

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

Answer: D

NEW QUESTION 28
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.

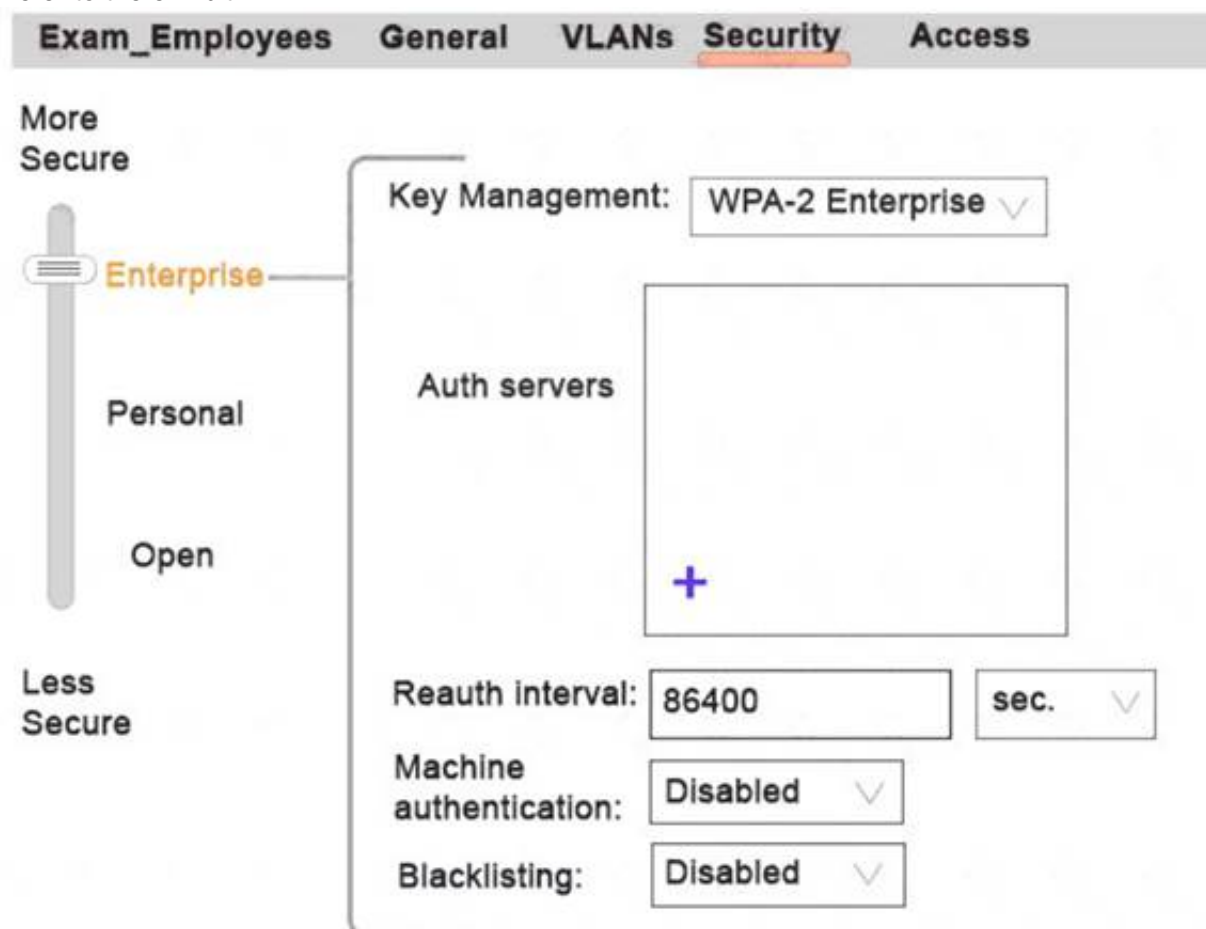**Answer:** D

NEW QUESTION 32
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. Goodput data rate of 12 Mbps
D. Usage of 10 MB

Answer: D

NEW QUESTION 35
Refer to the exhibit.

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 39
How does a high-gain omni-directional antenna compare to a typical omni-directional antenna?

A. it provides more multi-user spatial streams.
B. it provides more coverage in the horizontal direction than in the vertical direction.
C. it provides more single-user spatial streams.
D. it provides more coverage in both the horizontal and vertical directions.

Answer: B

NEW QUESTION 41
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 minitor these clients more easily?

A. Specify the clients as Watched Cliesnts 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 45
What is an example of a Layer2 wireless threat that a wireless intrusion detection system (WIDS) should detect?

A. 802.11 association floods
B. RF jamming
C. Bluetooth interference
D. spyware

Answer: A

NEW QUESTION 49
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

Answer: A

NEW QUESTION 50
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 54
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 59
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

Answer: B

NEW QUESTION 64

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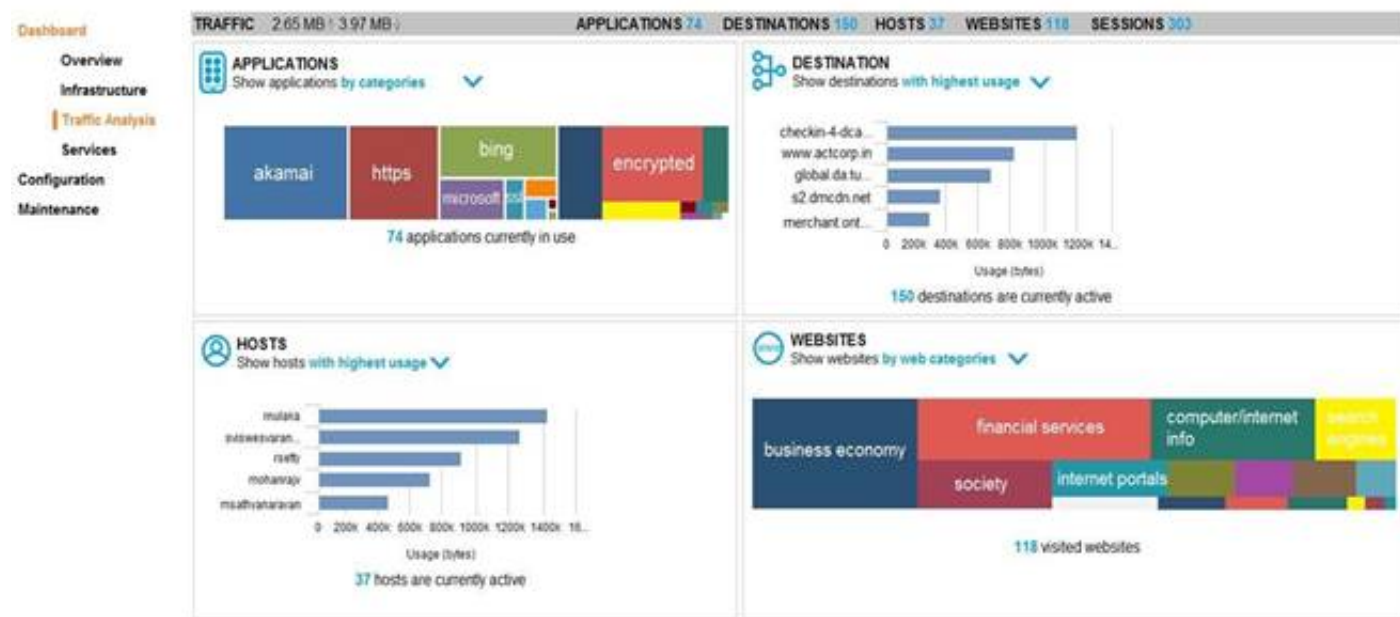Which device determines the EAP type that the wireless clients must support?

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

Answer: C

NEW QUESTION 65

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 see the break down for only the roles, destinations, WLANs, and devices that use this application
B. to download a report about the usage of this application over time
C. to create filter rules in order to control wireless user access to this application
D. to set up bandwidth rule in order to control wireless user access to this application

Answer: A

NEW QUESTION 69

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.

Answer: D

NEW QUESTION 72

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 77

A company currently uses 802.11ac Wave 1 as a wireless solution. They want to upgrade to 802.11ac Wave2. Which new feature will now be available with this upgrade?

A. band steering
B. multiple spatial streams
C. 40MHz channel bonding
D. multi-user MIMO (MU-MIMO)

Answer: D

NEW QUESTION 78
A network administrator has installed PEF licenses in the global pool of a Mobility Master (MM) solution. When the administrator tries to configure roles and policies, an error indicates that the PEF licenses must be installed.
What should the administrator do to correct this issue?

A. Ensure the PEF licenses were installed at the Managed Network and not at the MM level.
B. Enable Building 1 as a local license pool.
C. Enable the PEF feature in the Global Usage window.
D. Activate the PEF licenses through an Aruba Activate account.

Answer: A

NEW QUESTION 83
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 84
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.

Answer: A

NEW QUESTION 89
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 yo 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 90
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 95
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