HPE6-A70 Dumps

Implementing Aruba WLAN (IAW) 8.4

https://www.certleader.com/HPE6-A70-dumps.html

NEW QUESTION 1
Refer to the exhibit.
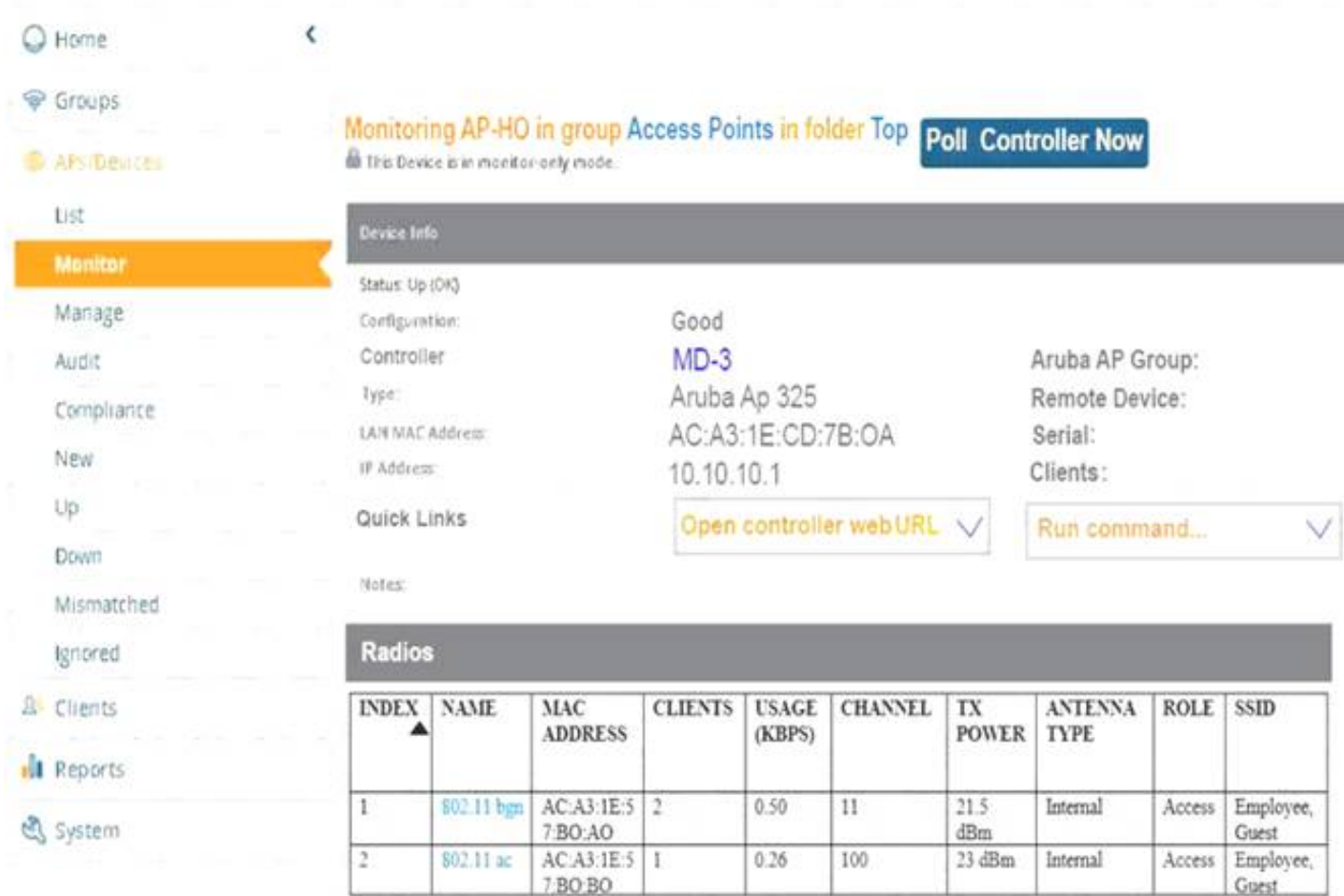
A network administrator needs to use Aruba AirWave to view statistics for an AP's 802.11ac radio. How can the administrator update the information on-demand rather than wait the typical interval?

A. Click Poll Controller Now
B. Click the 802.11ac link
C. Log out of the interface and log back in
D. Refresh the browser

Answer: A

NEW QUESTION 2
What is a requirement for the Dashboard > Traffic Analysis window on the Aruba Mobility Master (MM) to
show data?

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.

Answer: B

NEW QUESTION 3
Which authentication server option would the network administrator choose to authenticate a wireless user directly against an Active Directory (AD) domain
controller without NPS or IAS?

A. LDAP server
B. RFC 3576 server
C. TACACS server
D. RADIUS server

Answer: D

NEW QUESTION 4
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 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
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 7
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 8
A company has an Aruba Mobility Master (MM)-based solution. A network administrator wants to collect and analyze information about clients and access points (APs) over extended periods of time.
What should the administrator do to achieve this goal?

A. Add Aruba AirWave to the solution.
B. Run a Traffic Analysis report on the MM.
C. Make sure that MM has sufficient AppRF licenses.
D. Enable archival from the MM interface Maintenance windows.

Answer: A

NEW QUESTION 9
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 10
Refer to the exhibit.

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

Answer: C

NEW QUESTION 12
A company has a Mobility Master (MM)-based solution. A network administrator wants to monitor the types of applications in use in the wireless network.
Which dashboard page in the MM interface should the administrator visit?

A. Security
B. Performance
C. Traffic Analysis
D. Network

Answer: C

NEW QUESTION 17
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 21
What is one difference between an Aruba firewall access controle rule and an application rule?

A. An application rule cannot use the packet source and destination IP addresses as part of its match criteria.
B. An access rule can filter non-IP traffic, as well as IPv4 and IPv6 traffic.
C. An access rule cannot apply different actions to different types of traffic sent to the same destination.
D. An application rule can filter traffic at a higher layer beyond the TCP or UDP port.

Answer: D

NEW QUESTION 26
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 28
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 33
Which class of controller is more appropriate in a branch installation with up to 64 APs?

A. A.-7008B.7030C.7205D.7210

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 41
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 46
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 47
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 49
Refer to the exhibit.

A network administrator sets up the Exam_Employees WLAN on an Aruba solution with a default role of guest, as shown in the exhibit. To which users does the guest role apply?

A. users who successfully authenticate and are assigned to the default role by the RADIUS server
B. users who successfully authenticate and are not assigned a different role by the RADIUS server
C. users who have connected to the SSID, but have not yet attempted authentication
D. users who fail authentication

Answer: B

NEW QUESTION 50
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 53
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 57
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 59
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 61
A company has an Aruba solution. The company wants to host a guest login portal with this solution, and the login portal must gie guests the option to create their own login accounts.
How can a network administrator help meet these criteria?

A. Choose the Internal captive portal with email registration option for the guest WLAN.
B. Make sure to create a guest provisioning account for the guest WLAN.
C. Disable authentication in the captive portal profile for the guest WLAN.
D. Choose ClearPass or the other external captive portal option for the guest WLAN.

Answer: D

NEW QUESTION 64
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 67
A company deploys an Aruba wireless solution for the first time. In which deployment is clustering supported?

A. deployment as Mobility Masters (MMs)
B. deployment as a standalone VMC
C. deployment in 7000 Series standalone mode
D. deployment in master-local mode

Answer: A

NEW QUESTION 68
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 73
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 75
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 78
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 83
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 85
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 88
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 89
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 90
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 Client Match and AirMatch separately as loadable service modules (LSMs).
C. Upgrade AirMatch and Client Match through a global software upgrade.
D. Upgrade AirMatch as part of a global software upgrade, and upgrade Client Match separately as a loadable service module (LSM).

Answer: B

NEW QUESTION 91
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.

Answer: B

NEW QUESTION 93
A company has an Aruba solution. A network administrator wants to prevent wireless users from accessing shopping web sites with a bad reputation.
What should the administrator set up to deny such traffic?

A. an AppRF engine
B. application filters in the Traffic Analysis dashboard
C. firewall access control rules that specify HTTP and HTTPS services
D. firewall application rules

Answer: D

NEW QUESTION 94
What is a reason for a company to choose to deploy an Aruba 7024 Mobility Controller (MC) rather than an Aruba 7010 MC?

A. to support 802.11ac Aps rather than only 802.11n APs
B. to support more wireless users
C. to support more POE devices directly connected to the MC
D. to support a faster firewall throughput rate

Answer: C

NEW QUESTION 95
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 100
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 102
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 107
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 109
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 110
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

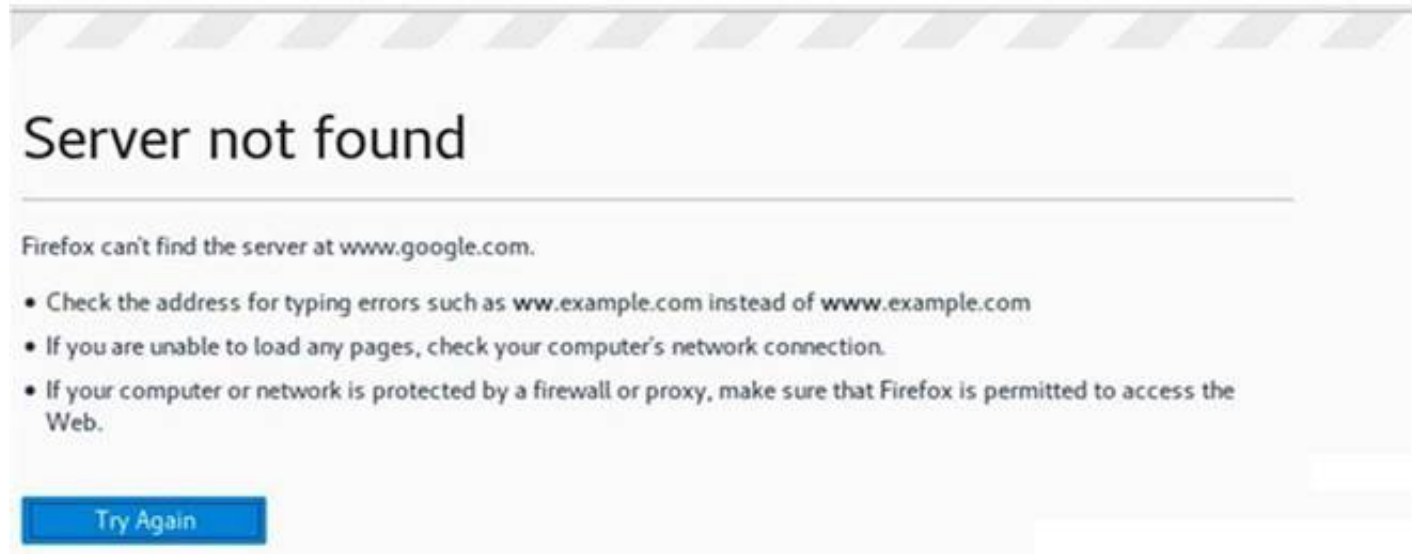**NEW QUESTION 114**
Refer to the exhibits. Exhibit 1

Server not found

Firefox can't find the server at www.google.com.

- Check the address for typing errors such as ww.example.com instead of www.example.com
- If you are unable to load any pages, check your computer's network connection.
- If your computer or network is protected by a firewall or proxy, make sure that Firefox is permitted to access the Web.

Try Again

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 115
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