HP

Exam Questions HPE6-A70

Implementing Aruba WLAN (IAW) 8.4

NEW QUESTION 1
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.

Answer: B

NEW QUESTION 2
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 3
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 4
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 5
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 6
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 7
A network administrator wants to implement MAC filtering for the wireless network of a local financial firm to ensure that only employees can access the wireless network. What is a potential weakness of this solution?

A. MAC filters cannot be applied with WPA2 encryption.
B. Authorized MAC addresses are visible in plaintext in the air and can be easily spoofed.
C. Many popular clients do not have the capability to connect to WLANs that use MAC filters.

D. MAC filters offer no protection against authorized users who try to connect unauthorized devices.

Answer: B

NEW QUESTION 8
Refer to the exhibit.
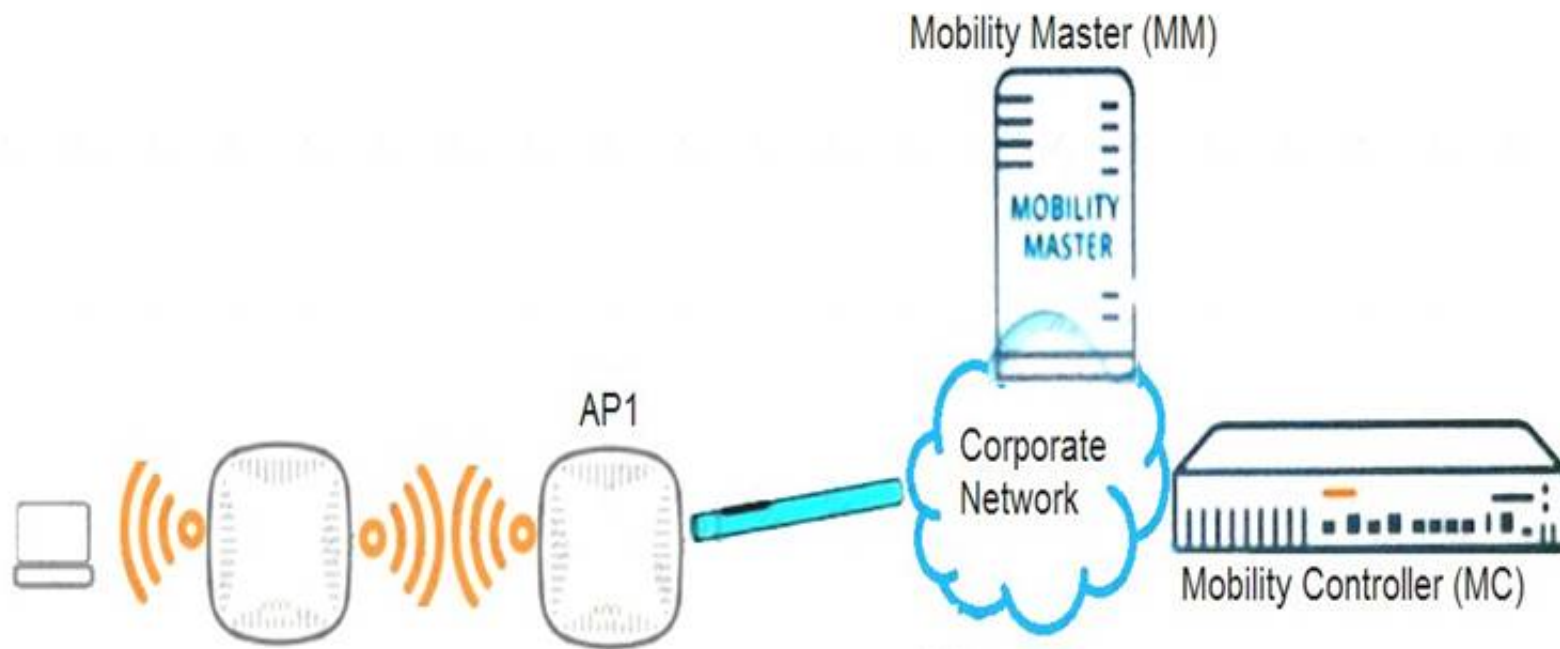
Which role must AP1 play?

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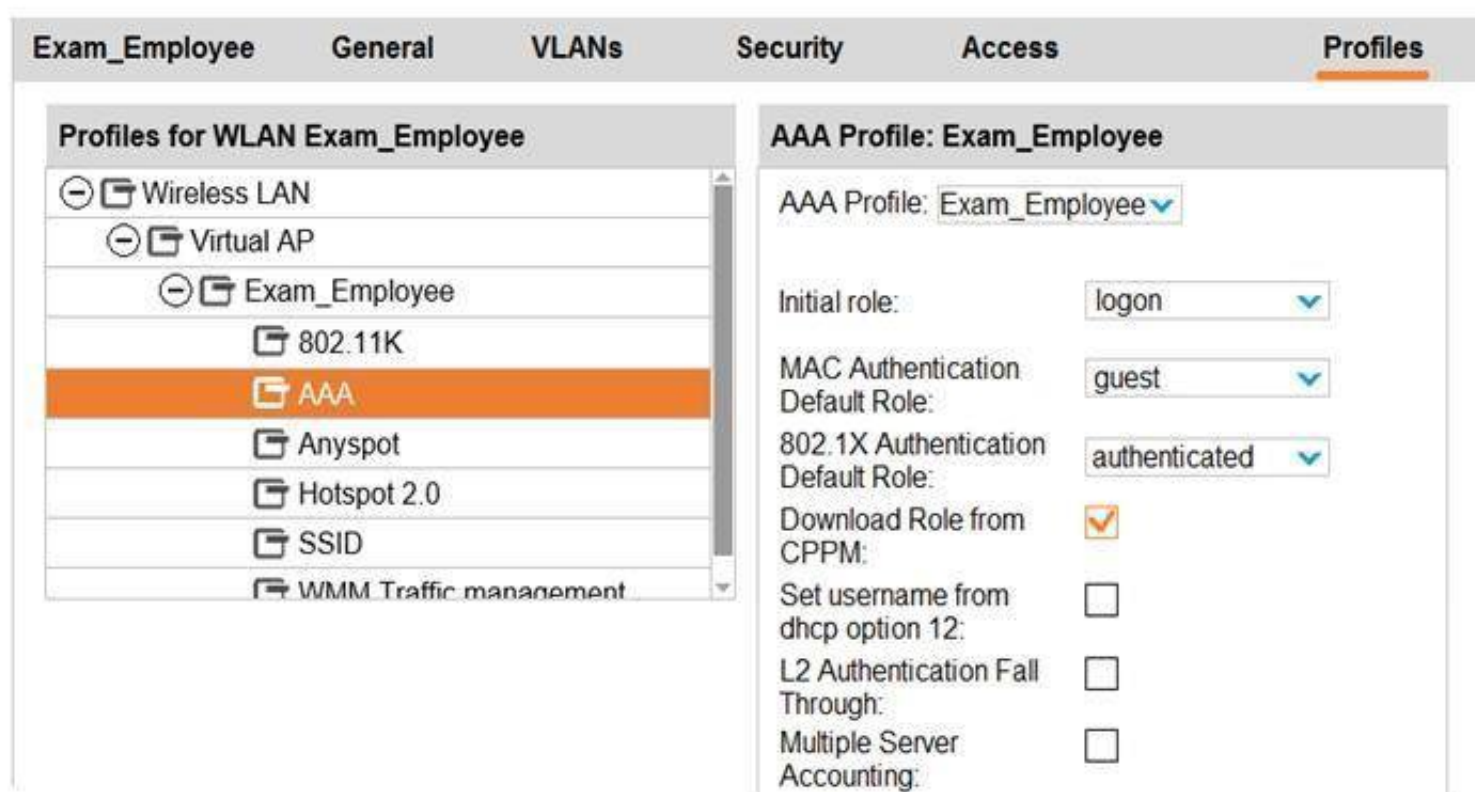C. Mesh Portal AP
D. Remote AP (RAP)

Answer: C

NEW QUESTION 9
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 10
Refer to the exhibit.

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.

Answer: D

NEW QUESTION 10
Which APs operate in an autonomous or standalone mode?

A. remote APs (RAPs)
B. spectrum analyzers (SAs)
C. mesh points (APs)
D. instant AP (IAP) clusters

Answer: D

NEW QUESTION 14
A network administrator creates the role employees and adds the rule to it: user any any permit
The first several wireless clients assigned to the employees role are assigned IP addresses in the 10.10.10.0/24 subnet. Several other wireless clients with the employees role are then assigned IP addresses in the 10.10.20.0/24.
When the Aruba firewall matches traffic from these clients to the user any any permit rule, what does it do?

A. It drops traffic from wireless clients in both the 10.10.0/24 subnet and 10.10.20.0/24 subnet.
B. It permits traffic from wireless clients in both the 10.10.10.0/24 and 10.10.20.0/24 subnet as long as the packet has a source IP.
C. It permits the traffic from wireless clients in the 10.10.20.0/24 subnet, but drops the traffic from wireless clients in the 10.10.10.0/24 subnet.
D. It permits the traffic from wireless clients in the 10.10.0/24 subnet, but drops the traffic from wireless clients in the 10.10.20.0/24 subnet.

Answer: B

NEW QUESTION 15
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 20
If the decrypt-tunnel forwarding mode is selected in an employee WLAN, where is the user traffic decrypted?

A. at the switch
B. at the AP
C. at the controller
D. at the RADIUS server

Answer: B

NEW QUESTION 22
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 27
Refer to the exhibit.

Create a new server

◉ Radius   ○ LDAP

Name: [   ]
IP address: [   ]
Auth port: [1812]
Accounting port: [1813]
Shared key: [   ]
Retype key: [   ]
Timeout: [5]

[Cancel] [Submit]

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 28

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 30

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 31

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 34

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 37
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 40
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 42
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 43
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 47
What is one difference between captive portal authentication and 802.1X authentication?

A. 802.1X authentication always authenticates the wireless client, while captive portal authentication always authenticates the wireless user.
B. 802.1X authentication occurs at Layer 2, while captive portal authentication occurs at Layer 3.
C. 802.1X authentication must use an LDAP server, while captive portal authentication can use a RADIUS server or an LDAP server.
D. 802.1X authentication is typically implemented without encryption, while captive authentication is often combined with WPA or WPA2.

Answer: B

NEW QUESTION 52
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 56
Which Aruba controller supports a maximum of 512 APs?

A. Aruba 7010
B. Aruba 7030
C. Aruba 7210
D. Aruba 7240

Answer: C

NEW QUESTION 60
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 63
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 66
A company has an Aruba Mobility Master (MM)-based solution. Under which circumstance will an AP radio change channel without the use of the Mobility Master (MM)?

A. when the MM detects that a different channel has significantly better quality
B. when the Mobility Controller (MC) detects a rogue AP on the channel
C. when the AP detects a large amount of interference on its channel
D. when the Client Match rules indicate that nearby clients do not support the current channel

Answer: C

NEW QUESTION 68
A company has a Mobility Master (MM) solution that manages Mobility Controllers (MCs) in several groups. The company has several WebCC licenses and wants to reserve these licenses for MCs in the Sunnyvale group only.

How can a network administrator achieve this goal?

A. Associate the MAC addresses for the Sunnyvale MCs with the licenses when they are generated.
B. Make sure to be at the Managed Network > Sunnyvale level in the MM Interface when the licenses are installed.
C. Install the licenses on the MM, and allocate them to a dedicated local pool for the Sunnyvale group.
D. Install the licenses directly on the MCs in the Sunnyvale group, and activate the licneses locally.

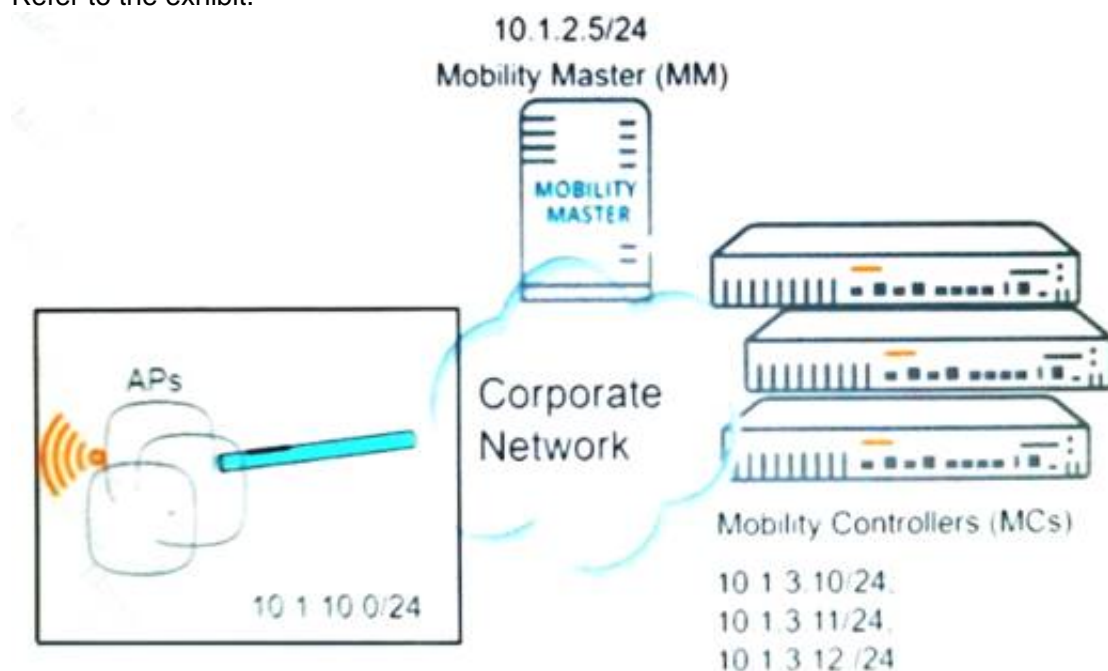**Answer:** C

NEW QUESTION 71
A network administrator creates a user account on an Aruba Mobility Master (MM) with the guest-provisioning role. Which task does this user have the rights to perform?

A. set up portal pages
B. create guest user accounts
C. monitor guest clients
D. create guest WLANs

Answer: B

NEW QUESTION 74
Refer to the exhibit.

What is a valid way to help the APs discover devices that can control them?

A. Set up an Aruba Central subscription, and ensure that APs can reach the Internet.
B. Enable CPSec, and ensure the Mobility Master (MM) and Mobility Controllers (MCs) trust the Aruba certificates installed on the APs at the factory.
C. Specify the Mobility Master (MM) IP address in DHCP option 43 on the network DHCP server.
D. Map the Mobility Controller (MC) IP addresses to the aruba-master name on the network DNS server.

Answer: D

NEW QUESTION 77
What is one difference between how a network administrator can monitor clients in the Mobility (MM) interface and in the AirWave Management Platform?

A. AirWave shows trends for the past several minutes, while MM shows longer trends.
B. AirWave combines information from more sources, such as RADIUS authenticating servers and APs.
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 78
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 80
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 82

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 85

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 89

What is required for a WLAN that uses WPA2-Enterprise security?

A. a Web server to host a login portal
B. a shared password to secure access to the WLAN
C. RADIUS server or servers
D. a policy to allow unauthenticated users to receive RADIUS

Answer: C

NEW QUESTION 92

A company wants to provide wireless access for visitors with their Aruba solution. Which configuration feature enables the guest to access the wireless network without authentication?

A. use of internal captive portal with email registration
B. addition of custom rules to control access for unauthenticated guests
C. use of internal captive portal with authentication
D. redirection of guests to an external captive portal that provides encryption services

Answer: B

NEW QUESTION 93

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 96
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 99
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 101
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 102
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 105
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.

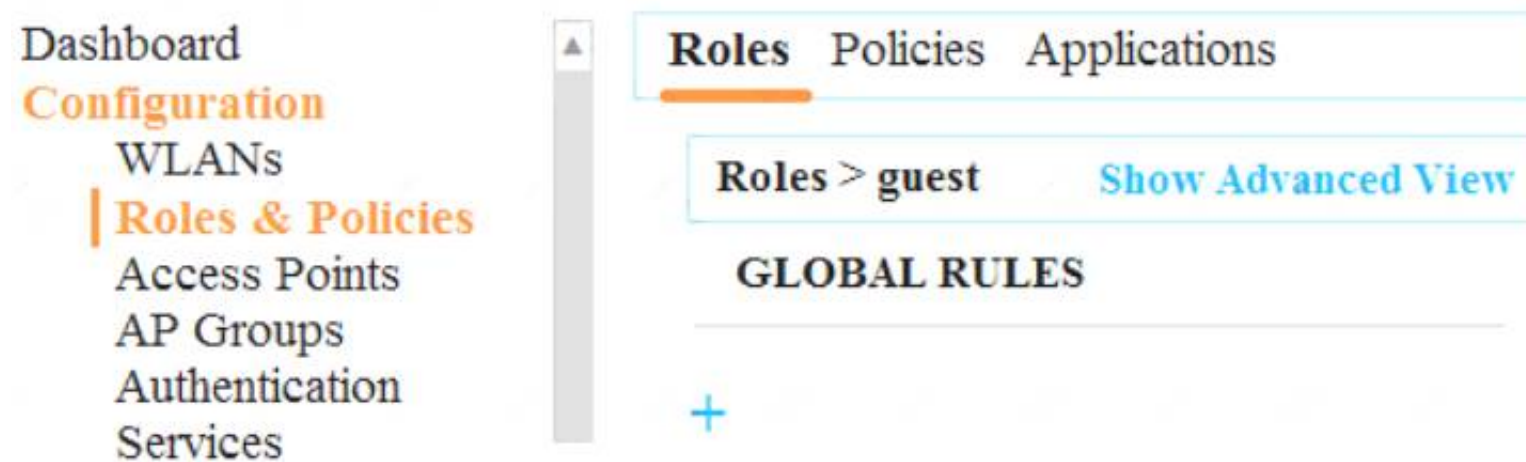**Answer:** D

NEW QUESTION 107
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 110
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 111
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 114
A network administrator wants to assign an authentication server group to the WPA2-Enterprise WLAN. Which profile should the administrator modify?

A. Virtual AP
B. SSID
C. AAA
D. L2 Authentication

Answer: C

NEW QUESTION 117
A company has an Aruba solution. The company wants to support a guest WLAN with the internal captive portal, but the company also wants to develop their own custom portal pages.
What correctly describes the level of customization that the internal captive portal supports?

A. The internal captive portal must use the default pages without modification, but administrators can upload pages developed externally.
B. Administrators can modify the default internal captive portal pages, but cannot upload pages developed externally.
C. Administrators can modify the default internal captive portal pages or upload pages developed externally.
D. The internal captive portal must use the default pages without modification, and administrators cannot upload pages developed externally.

Answer: C

NEW QUESTION 119
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 122
An Aruba solution has a WLAN that uses WPA2-Enterprise 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: C

NEW QUESTION 123
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