HPE6-A70 Dumps

Implementing Aruba WLAN (IAW) 8.4

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NEW QUESTION 1
An Aruba Remote AP (RAP) operates in split-tunnel mode. How does the AP forward traffic?

A. It sends all user traffic in a GRE tunnel to a central Mobility Controller (MC), and it sends control traffic in an IPsec tunnel to the controller.
B. It sends traffic designed to the corporate network in an IPsec tunnel to a central Mobility Controller (MC), and it bridges other traffic locally.
C. It sends user and control traffic in two separate IPsec tunnels to the Mobility Controller (MC).
D. It sends all employee and control traffic in a GRE tunnel to a central Mobility Controller (MC), and it bridges all guest traffic locally.

Answer: B

NEW QUESTION 2
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 3
A company has a Mobility Master (MM)-based solution. How does a Mobility Controller (MC) behave if it loses contact with all MM nodes?

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

Answer: B

NEW QUESTION 4
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
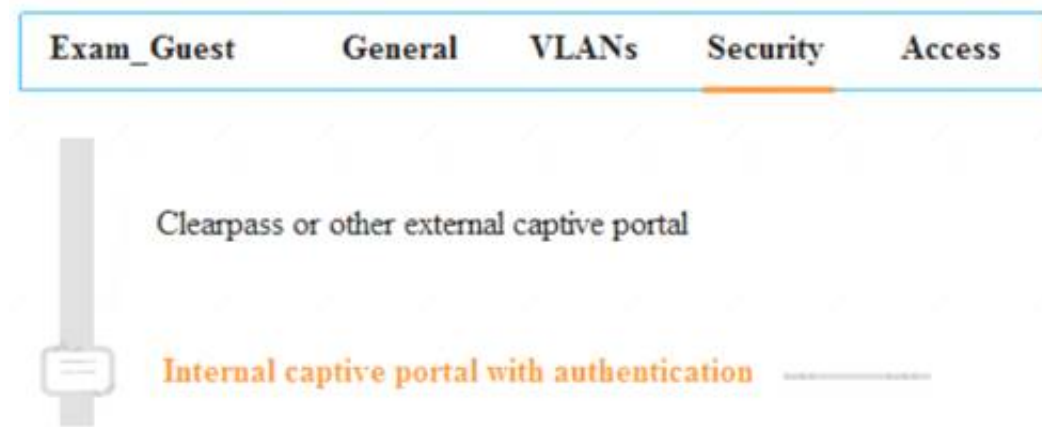B. Client Match
C. AppRF
D. ARM

Answer: B

NEW QUESTION 5
Refer to the exhibits.
Exhibit 1

Exhibit 2

A network administrator configures a guest WLAN on an Aruba Mobility Master (MM)-based solution. The exhibits show some of the settings for this WLAN.
Which settings must the administrator configure on each Mobility Controller (MC) at the device level for this configuration to function properly?

A. an IPsec preshared key
B. CPSec certificates
C. a portal page
D. VLAN 99 IP settings

Answer: D

NEW QUESTION 6
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 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
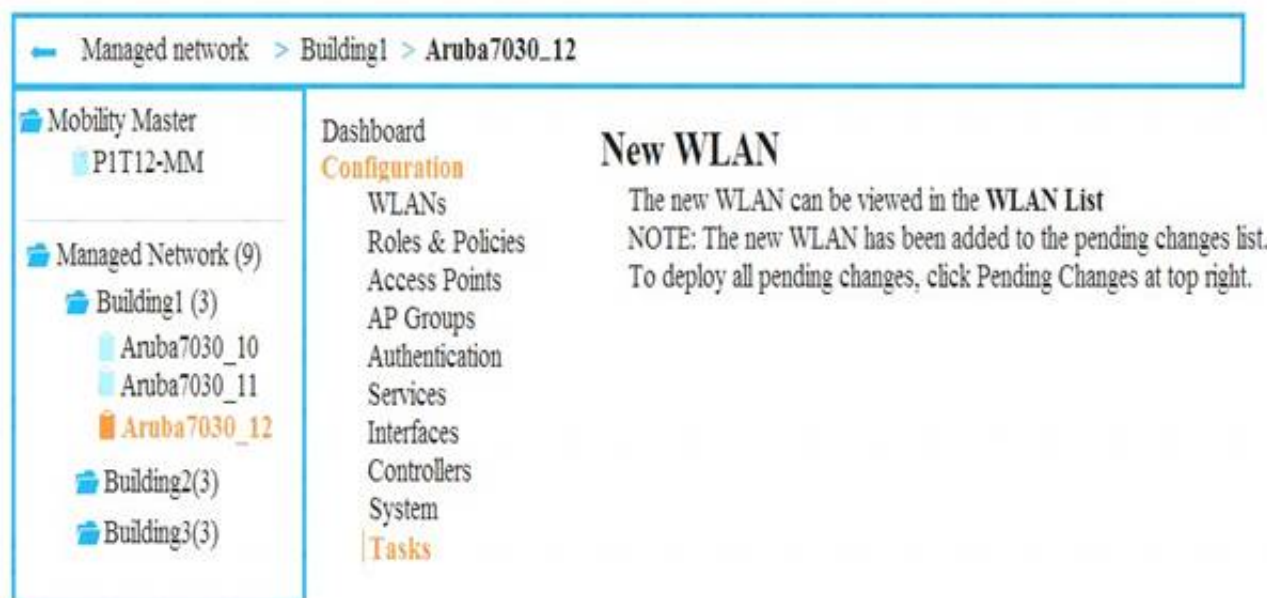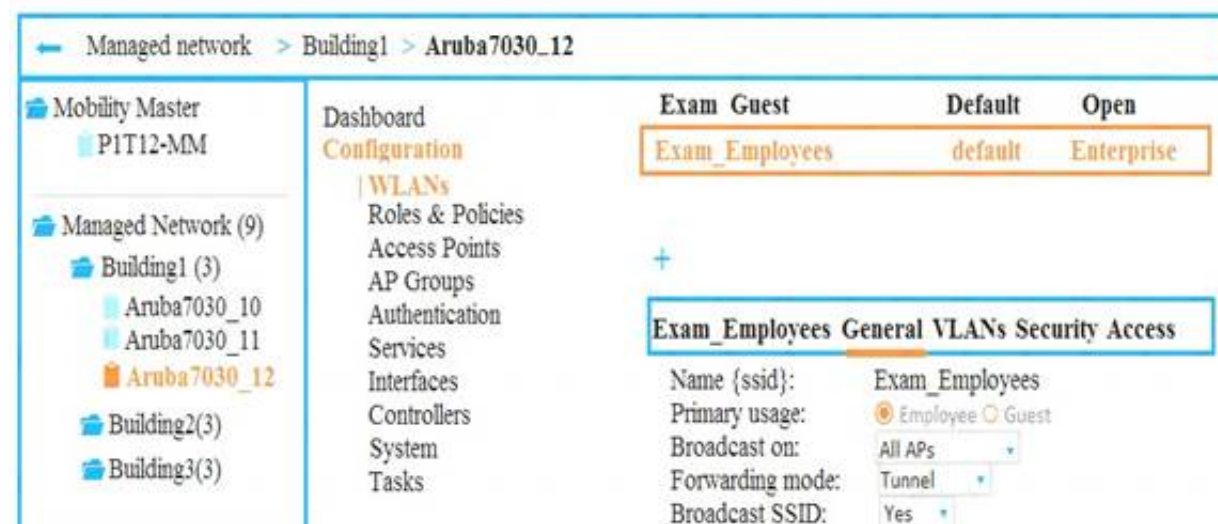

NEW QUESTION 8
Refer to the exhibits.
Exhibit 1

Exhibit 2

A company has an Aruba Mobility Master (MM)-based solution and needs a new WLAN for the corporate campus. A network administrator completes the creation of this WLAN, as shown in Exhibit 1. When the administrator tries to test a connection to the WLAN in various locations, the WLAN sometimes shows up in the list of WLANs on the client but sometimes does not. The administrator can see the WLAN in the list, as shown in Exhibit 2.
What is the error?

A. The Mobility Master (MM) does not have an active PEFNG license.
B. The WLAN is configured as a hidden SSID.
C. The configuration is not deployed to the Mobility Controller (MC).
D. The WLAN is configured at a lower level in the Managed Network hierarchy.

Answer: D

NEW QUESTION 9
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 10
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 10
An Aruba solution runs ArubaOS 8 and uses a standalone controller architecture. Which feature can administrators use to optimize the channel and power plan for the APs?

A. ARM
B. Rule Based Client Match
C. AirMatch
D. AppRF

Answer: A

NEW QUESTION 14
Refer to the exhibits.
Exhibit 1

Exhibit 2

Roles	Policies	Applications

Roles >users2   Show Advanced View

GLOBAL RULES

+

RULES FOR THIS ROLE ONLY

- permit all from source user to network 10.1.1.0/255.255.255.0
- deny all from source user to network 10.1.2.0/255.255.255.0
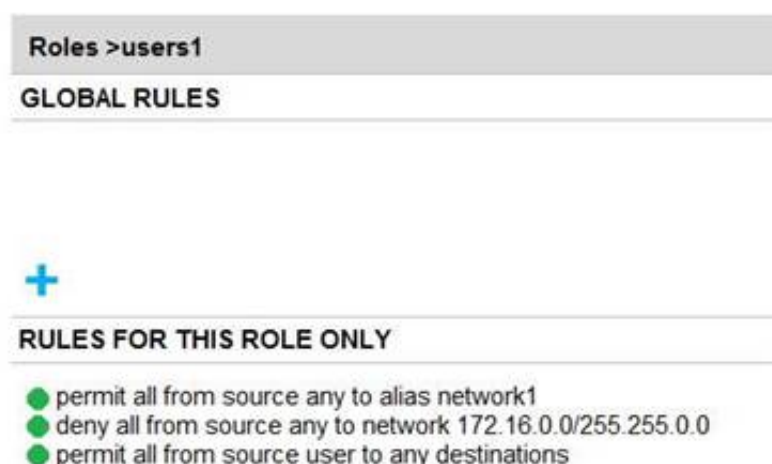- permit all from source user to network 10.1.0.0/255.255.0.0

A company has an Aruba solution. Client 1 is assigned to the users1 role, and client 2 is assigned to the users2 role. The exhibits show current firewall rules for those roles. The network1 alias used to be 10.1.1.0/24, but the network administrator now changes the network1 alias to 172.16.1.0/24. Client 1 and Client 2 both send a packet destined to 172.16.1.10.
How does the firewall handle these packets?

A. It permits the packet from Client 1 and denies the packet from Client 2.
B. It permits both packets.
C. It denies the packet from Client 1 and permits the packet from Client 2.
D. It denies both packets.

Answer: A

NEW QUESTION 15
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 16
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 19
Which Aruba controller supports a maximum of 512 APs?

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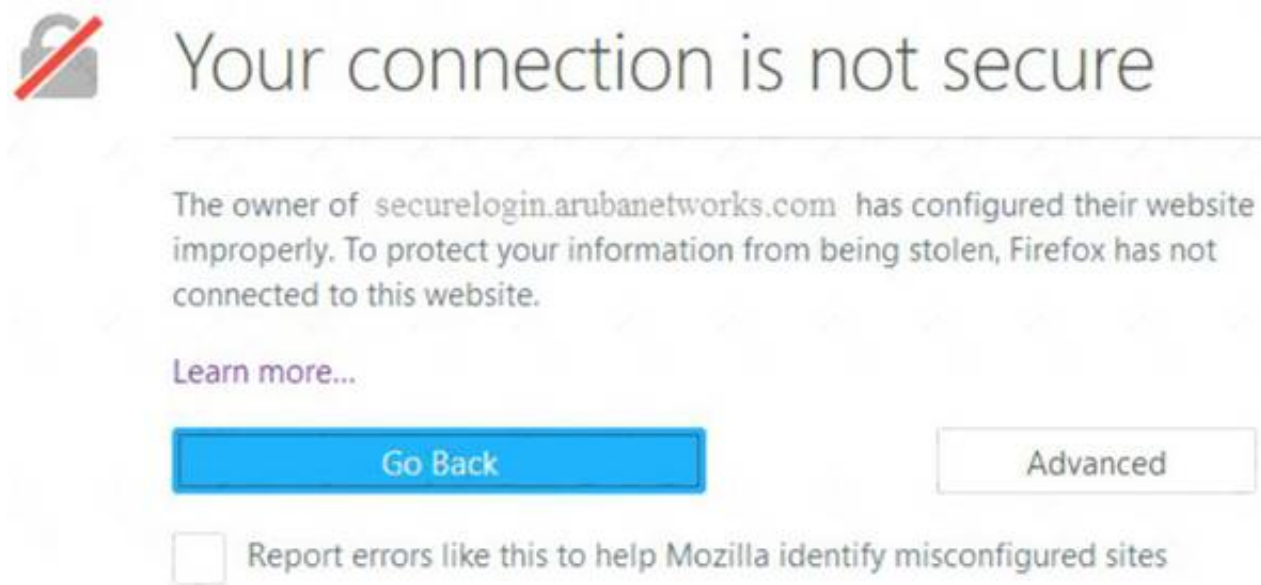C. Aruba 7210
D. Aruba 7240

Answer: C

NEW QUESTION 23
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 26
Refer to the exhibit.

Your connection is not secure

The owner of securelogin.arubanetworks.com has configured their website improperly. To protect your information from being stolen, Firefox has not connected to this website.

Learn more...

Go Back   Advanced

☐ Report errors like this to help Mozilla identify misconfigured sites

A company has a Mobility Master (MM)-based solution with a guest WLAN. During the captive portal redirection, users who access a non-HTTPS Website see the error shown in the exhibit.
How can a network administrator prevent this error?

A. Enable automatic CPSec certificate deployment.
B. Replace the default Mobility Master certificate with a certificate that has the correct hostname.
C. Replace the default server certificate for mobility controllers with a certificate signed by a trusted CA.
D. Reconfigure the guest WLAN to use EAP methods that rely on passwords rather than certificates.

Answer: C

NEW QUESTION 31
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 34
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 38
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 VLAN
B. Apply firewall policies based on IP ranges.
C. Have the RADIUS server send different roles for users in different department
D. Apply role-basedfirewall policies.
E. Create multiple zones on the M
F. Assign different departments and sets of firewall policies to different zones.
G. Create a different WLAN and SSID for each departmen
H. Apply different firewall policies to each WLAN.

Answer: B

NEW QUESTION 43
What is one reason for a network administrator to visit the Dashboard > Usage window on an Aruba Mobility Master (MM)?

A. to check license usage and determine the need for additional licenses
B. to analyze short terms trends in network usage by client, AP, and application
C. to view system usage statistics for the MM and troubleshoot potential issues

D. to generate reports about traffic patterns and network usage over the past several months

Answer: B

NEW QUESTION 48
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 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 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 56
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 59
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 63
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 64
Refer to the exhibit.
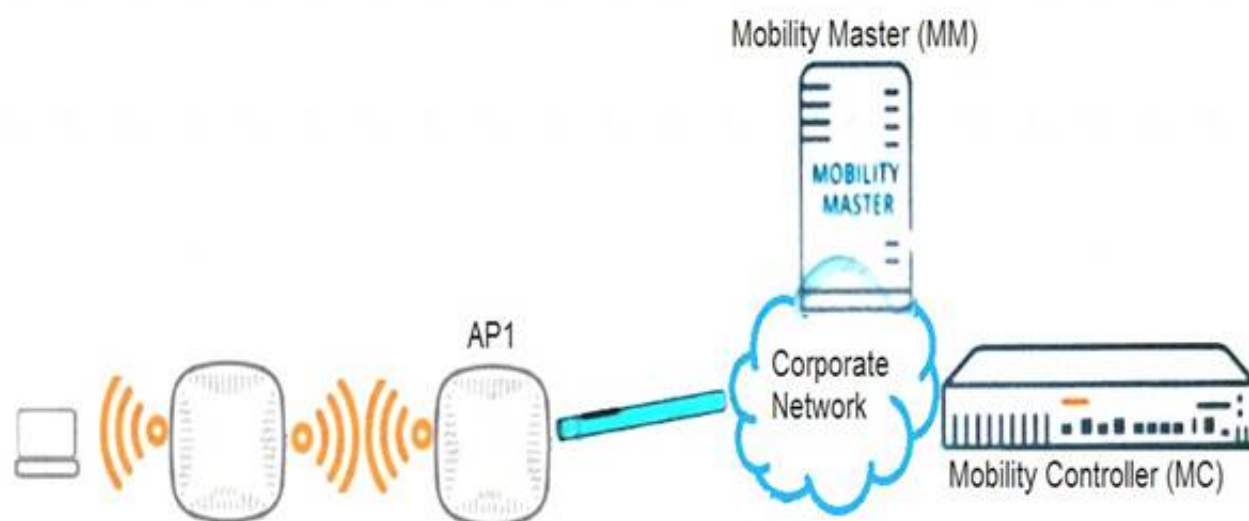
Which role must AP1 play?

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

Answer: C

NEW QUESTION 68
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 73
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 74
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 75
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 76
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 80
A company has an Aruba solution and wants to provide guests with wireless access. The company wants to
assign guests IP addresses in subnets that exist only within the Aruba solution.
Which feature should network administrators set up so guests can send traffic on the Internet without changes to the company routing solution?

A. Enable NAT on the VLAN assigned to the guest WLAN.
B. Set up a dynamic default gateway on the Mobility Controllers (MCs).
C. Create destination NAT rules for the guest role.
D. Enable policy-based routing for the guest traffic.

Answer: A

NEW QUESTION 81

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 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 87
A Mobility Controller (MC) runs ArubaOS 8. What is a valid reason for an administrator to set the MC to master-local mode?

A. The company already has a partially hierarchical deployment based on the 6.x code and wants to keep the current architecture.
B. The company needs to manage third-party network infrastructure devices with the use of the master controller interface.
C. The company wants a deployment architecture that allows administrators to configure all MC settings from a single location.
D. The company requires a centralized licensing architecture that provides global license pools.

Answer: A

NEW QUESTION 91
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 92
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