

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:	<input checked="" type="radio"/> Employee <input type="radio"/> Guest <div>Select AP Groups ▼</div>			
Broadcast on:	<input checked="" type="checkbox"/> default ▲ <input type="checkbox"/> PublicAreas ▼			
Forwarding mode:	Tunnel ▼			
Broadcast SSID:	Yes ▼			

Exhibit 2

Exam_Employee	General	VLANs	Security	Access
<div> <div>More Secure</div> <div>Enterprise</div> <div>Personal</div> <div>Open</div> <div>Less Secure</div> </div> <div> <div>Key management:</div> <div>WPA-2 Enterprise ▼</div> <div>Auth servers:</div> <div>myradiusser...</div> <div>+</div> <div>Reauth interval:</div> <div>86400</div> <div>sec. ▼</div> <div>Machine authentication:</div> <div>Disabled ▼</div> <div>Blacklisting:</div> <div>Disabled ▼</div> </div>				

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

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

A network administrator wants to use unique digital certificates installed on user devices to authenticate wireless users. Which EAP method should the RADIUS server and clients support?

- A. PEAP and MS-CHAPv2
- B. EAP-TLS
- C. EAP-TTLS and MS-CHAPv2
- D. LEAP

Answer: B

NEW QUESTION 4

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 5

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 6

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 7

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 8

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

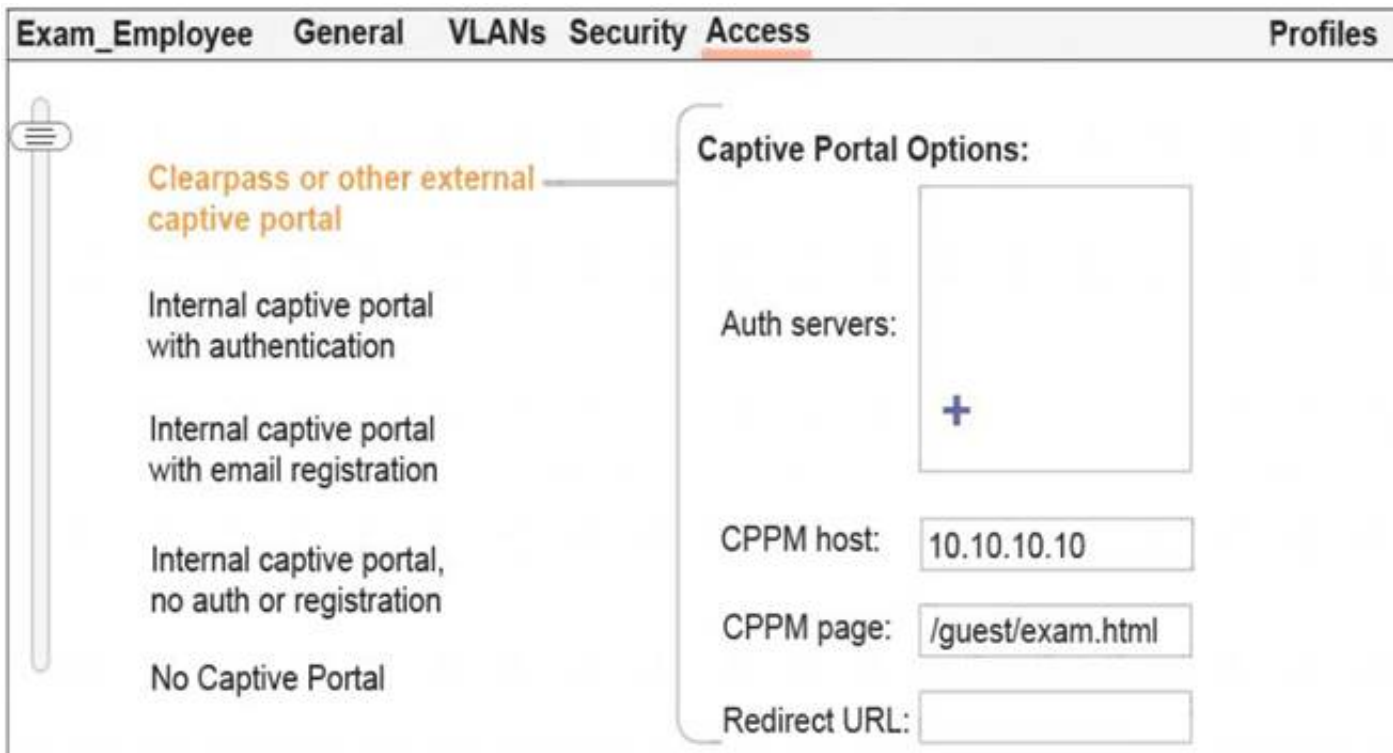
The exhibit shows output from a Mobility Master (MM) dashboard. What does the health status indicate?

- 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 9

Refer to the exhibit.



Exam_Employee General VLANs Security **Access** Profiles

Clearpass or other external captive portal

Internal captive portal with authentication

Internal captive portal with email registration

Internal captive portal, no auth or registration

No Captive Portal

Captive Portal Options:

Auth servers: +

CPPM host: 10.10.10.10

CPPM page: /guest/exam.html

Redirect URL:

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 10

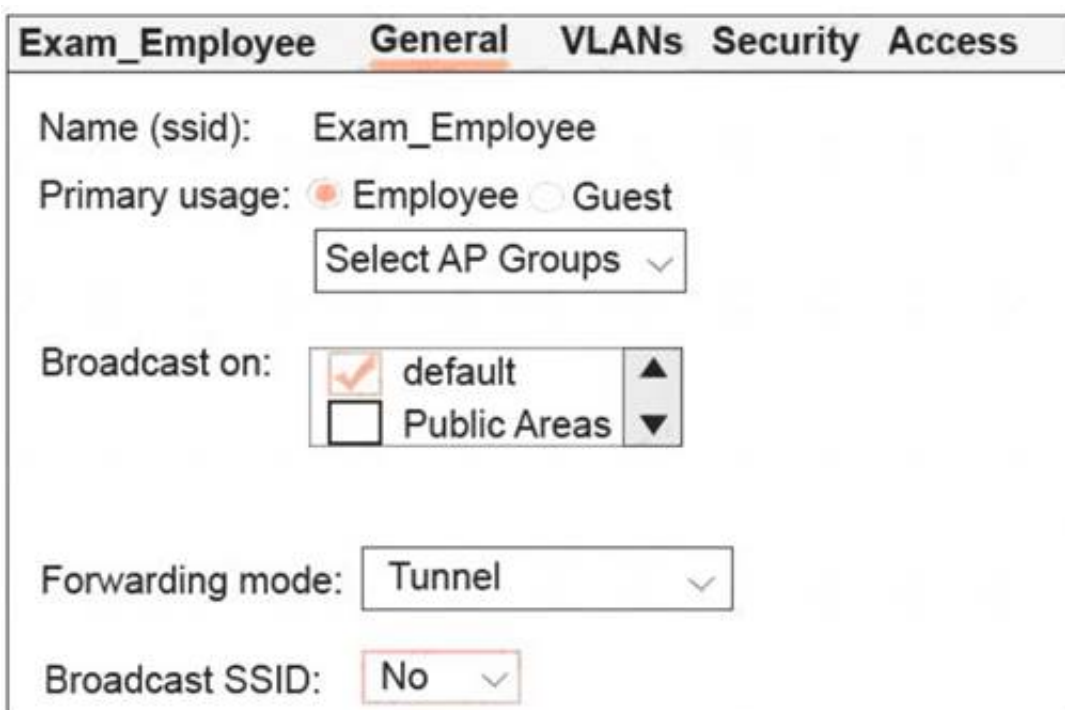
A company has a Mobility Master (MM)-based solution. A network administrator wants to monitor the types of applications in use in the wireless network. Which dashboard page in the MM interface should the administrator visit?

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

Answer: C

NEW QUESTION 10

Refer to the exhibit.



Exam_Employee **General** VLANs Security Access

Name (ssid): Exam_Employee

Primary usage: ☒ Employee ☐ Guest

Select AP Groups

Broadcast on: ☒ default ☐ Public Areas

Forwarding mode: Tunnel

Broadcast SSID: No

What describes the behavior for this WLAN?

- A. APs in the default group broadcast the SSI
- B. Clients can connect to the WLAN on APs in the default group only.
- C. No APs broadcast the SSI
- D. Clients cannot connect to the WLAN until administrators activate it.
- E. No APs broadcast the SSI
- F. Clients can connect to the WLAN on APs in the default group only.
- G. APs in the default group broadcast the SSI
- H. Clients can connect to the WLAN on APs in any group.

Answer: C

NEW QUESTION 15

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 20

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 23

Which settings can a Mobility Master (MM) deploy to Mobility Controllers (MCs) but master controllers CANNOT deploy to local controllers?

- A. radio profiles
- B. WLAN settings
- C. Interface settings
- D. AAA profiles

Answer: C

NEW QUESTION 24

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 25

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 30

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 31

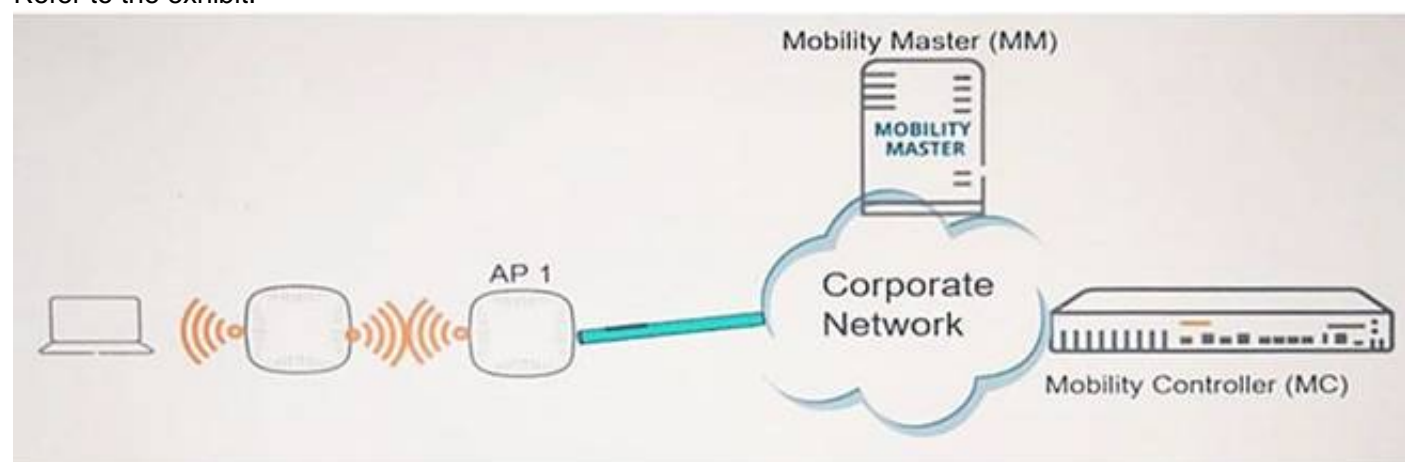
What is a role fulfilled by an Aruba Mobility Master (MM)?

- 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 35

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 40

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 41

Refer to the exhibit.

Exam_Employee	General	VLANs	Security	Access
<p>Default role: <input type="text" value="guest"/></p> <p>Server-derived roles: <input checked="" type="checkbox"/></p> <p>Derivation method: <input checked="" type="radio"/> Use value returned from Clearpass or other auth server <input type="radio"/> Use rules defined in table below</p> <p>Show roles</p>				

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 42

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 47

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 51

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 52

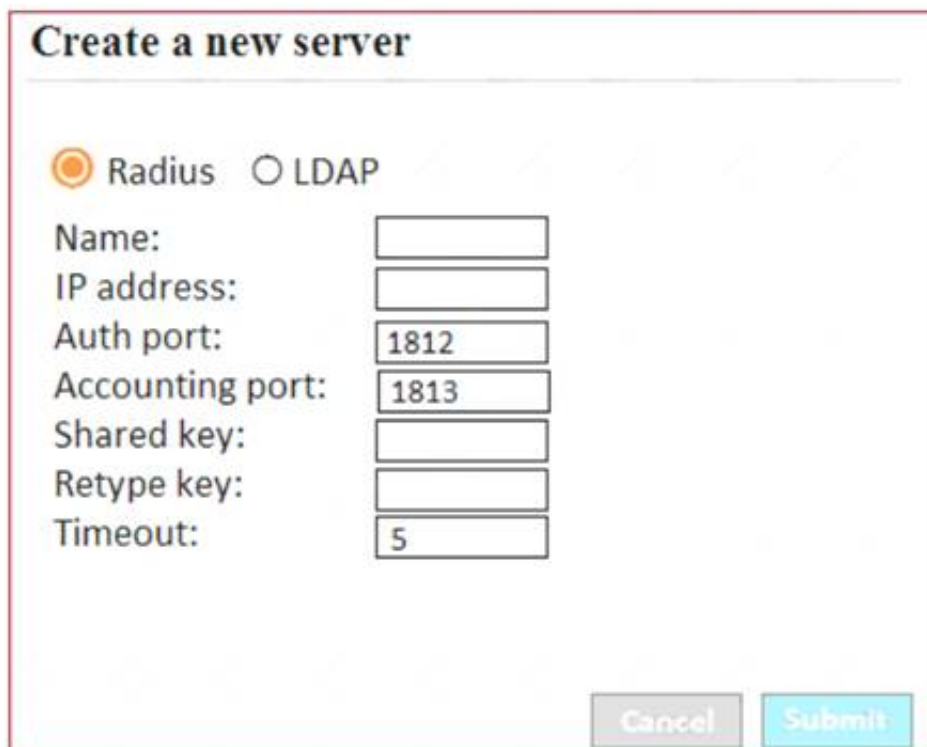
What is an advantage for a network administrator to use AirWave over a Mobility Master (MM)?

- 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 57

Refer to the exhibit.



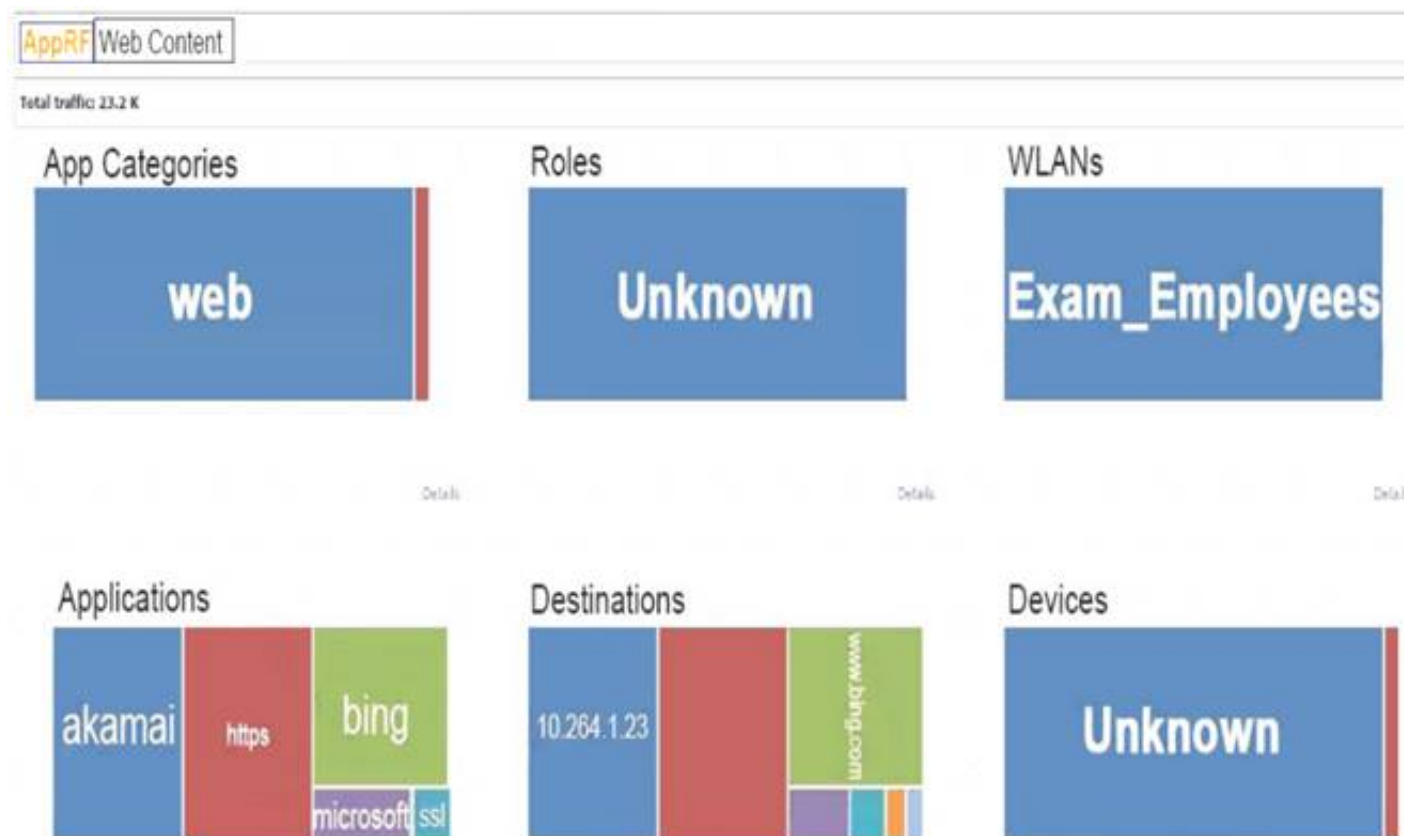
A network administrator needs to specify a RADIUS server for an employee WLAN on an Aruba solution. What must the administrator enter in the Shared key field?

- 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 61

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 64

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 67

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 71

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 76

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 80

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.

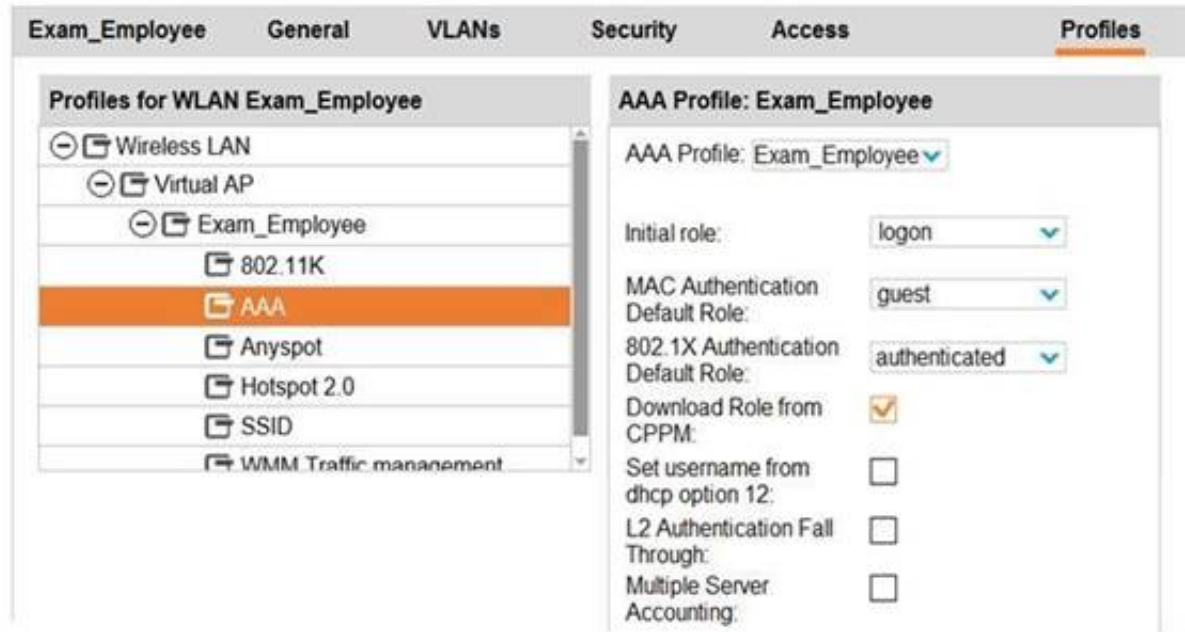
When the Aruba firewall matches traffic from these clients to the user any any permit rule, what does it do?

- 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 82

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 84

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 86

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 88

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 89

An Aruba Mobility Master (MM)-based solution has a WLAN that uses WPA2-Enterprise security. A test login on a wireless client fails. How can a network administrator determine whether the RADIUS server rejected the credentials or another issue occurred?

- A. View Technical Support information for the MM.
- B. Ping the IP address configured as the RADIUS server.
- C. Use the MM AAA Server Test Diagnostic tool.
- D. Use the tools in the MM Dashboard > Security window.

Answer: C

NEW QUESTION 93

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 96

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 101

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 103

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 107

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 112

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 115

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 120

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 124

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