

HP2-Z32^{Q&As}

Implementing HP MSM Wireless Networks

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QUESTION 1

A network administrator is managing an existing MSM solution and changes the radio settings for a group of MSM APs controlled by an MSM controller. Which action must the network administrator take to apply the settings to the MSM APs?

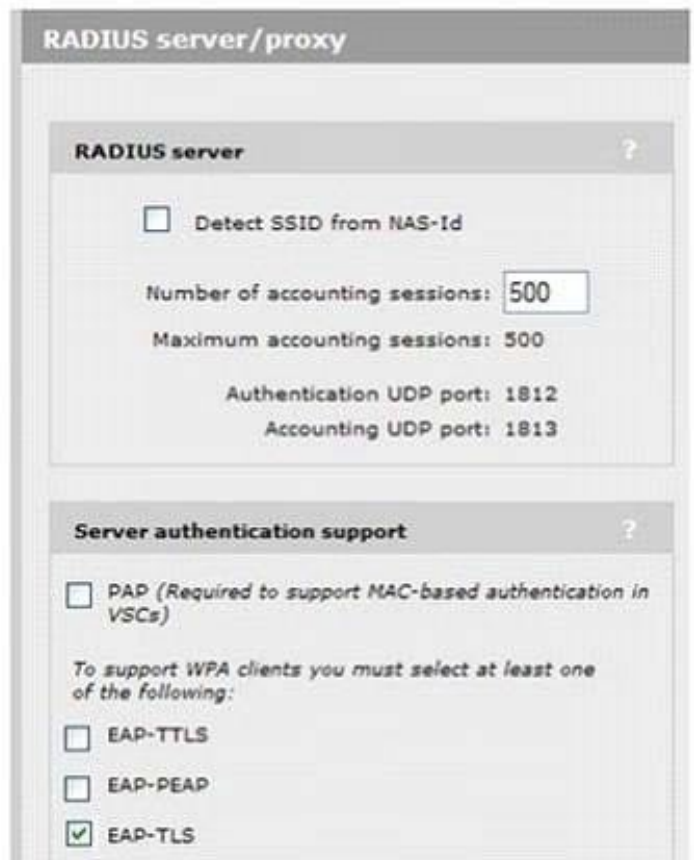
- A. Click the Save button on the Radio configuration page to immediately apply the new configuration
- B. Click the Save button on the Radio configuration page and synchronize the MSM APs to the msm controller
- C. Click the Save button on the Radio configuration page and then reboot the MSM APs
- D. click the Apply Changes button on the VSC Binding page

Correct Answer: B

QUESTION 2

Refer to the exhibit.

Portion of the VSC settings



A network administrator enables 802.1X authentication on a VSC. The HP MSM Controller implements the RADIUS server settings shown in the exhibit. Which devices require certificates?

MSM Controller

Clients

APs

Hot Area:

MSM Controller
Certificate required
Certificate not required

Clients
Certificate required
Certificate not required

APs
Certificate required
Certificate not required

Correct Answer:

MSM Controller
Certificate required
Certificate not required

Clients
Certificate required
Certificate not required

APs
Certificate required
Certificate not required

QUESTION 3

A company is deploying an HP MSM760 Controller that will control approximately 80 HP MSM APs. The HP MSM solution will provide wireless guest services and a WLAN for employees, which is secured with WPA2 and 802.1X.

The controller will perform the following functions: Handle all guest traffic

Provide DHCP services for guest clients

Force guests to log in through a web page and implement access controls

How should the network administrator connect the controller to the corporate LAN?

- A. The administrator must connect both the LAN port and the Internet port, and the ports must be in different VLANs.
- B. The administrator can connect either the LAN port or the Internet port, or both ports, but it is typically recommended to connect the Internet port.
- C. The administrator must connect both the LAN port and the Internet port, and the ports must be in the same VLAN.
- D. The administrator must connect only the LAN port.

Correct Answer: D

QUESTION 4

A company wants to increase its security by adding its security by adding a wireless intrusion detection system/intrusion prevention system (IDS/IPS), which could detect rogue APs and Wi-Fi Protected Access (WPA) attacks.

Which product would provide this extra layer of security?

- A. HP Threat management Services z1 Module
- B. HP RF Manager
- C. HP TippingPoint IPS Platform
- D. HP Intelligent management Center (IMC) with Endpoint Admission Defense (EAD)

Correct Answer: B

QUESTION 5

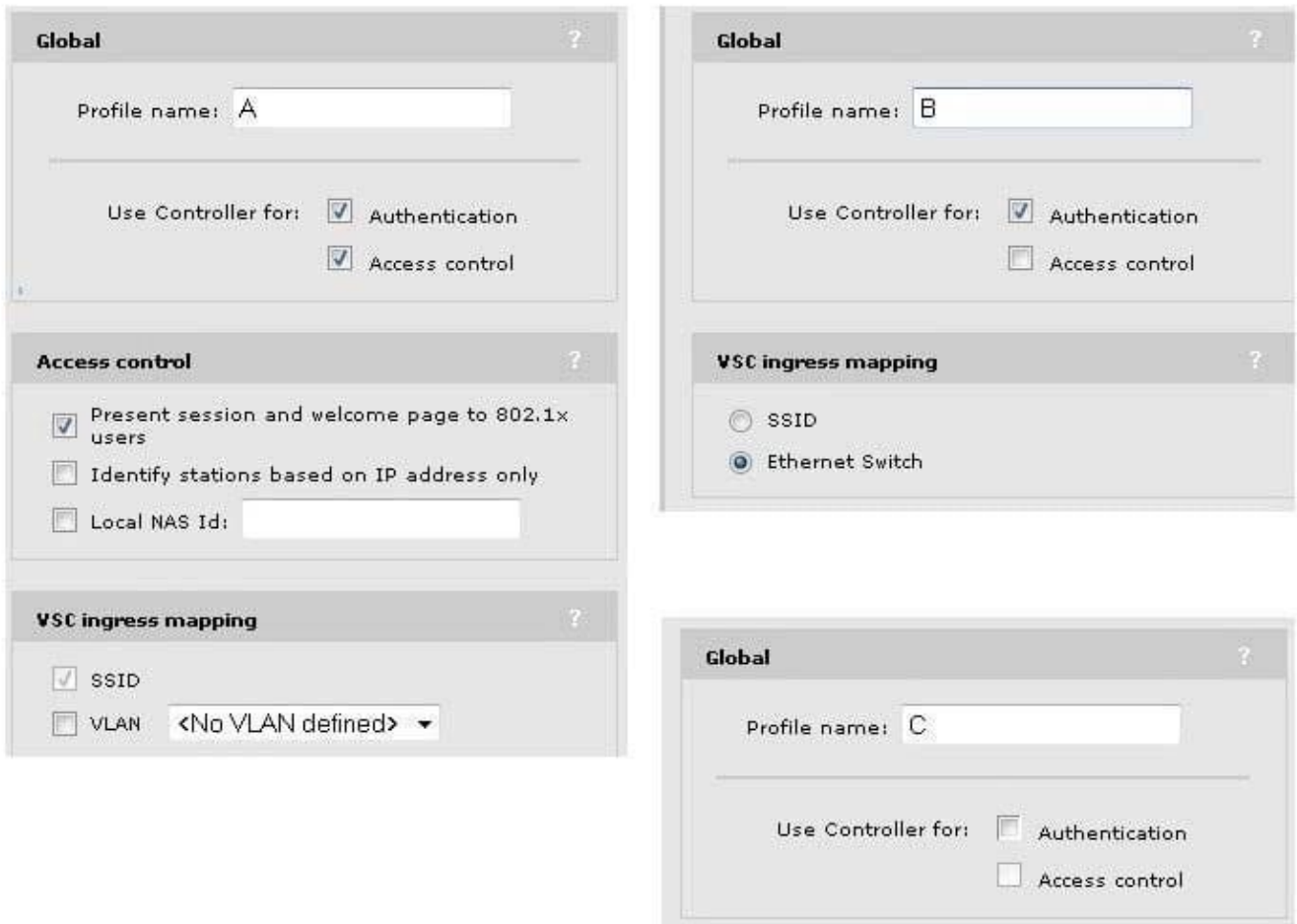
How does 802.11h (DFS) help 802.11 devices avoid interference?

- A. The standard enables 802.11n APs to switch channels when they encounter any interference on any channel in the 5.0 GHz range. It offers no benefits for non-n devices.
- B. The standard ensures that 802.11 devices do not interfere with other non-802.11 devices that use the 2.4 GHz range.
- C. The standard ensures that 802.11 devices operating in the 5 GHz (UNII2-UNII2e) frequency range do not interfere with radar.
- D. The standard enables 802.11g and 802.11n devices to switch channels when interference causes the SNR to drop below the minimum level.

Correct Answer: C

QUESTION 6

Refer to the exhibit.



Portion of the settings for VSC profile A VSC profile B and VSC profile C. A network administrator is deploying an HP MSM solution for a hotel. The solution consists of an HP MSM760 Access Controller, 50 HP MSM317 Access Devices, and several HP SMS460 Aps. The hotel plans to connect voice over IP (VoIP) phones to port 1 on each HP MSM317. To protect the ports from unauthorized access, the network administrator will configure the ports to support MAC authentication to accounts configured on the controller. The exhibit shows a portion of the settings for three VSCs Each VSC is enabled for MAC authentication.

How can the network administrator configure port 1 on the MSM317s to meet this requirement?

- A. Configure switch port 1 at the controlled Aps level and bind VSC A to it.
- B. Configure switch port 1 at the controlled Aps level and bind VSC B to it.
- C. Configure switch port 1 at the controlled Aps level and bind VSC C to it.
- D. Configure switch port 1 at the controlled Aps level and enable MAC authentication on it.

Correct Answer: B

QUESTION 7

Which packets do the AP and the client exchange during the 802.1X authentication process?

- A. RADIUS packets

- B. EAP packets
- C. DHCP packets
- D. HTTP or HTTPS packets

Correct Answer: B

QUESTION 8

What is one factor that a wireless network designer must consider when estimating path loss between an AP and a client?

- A. The antenna gain
- B. The transmit power of the AP
- C. The client receiver sensitivity
- D. The type of environmental obstruction

Correct Answer: D

QUESTION 9

A company is deploying an MSM solution and requires fast roaming for a WLAN.

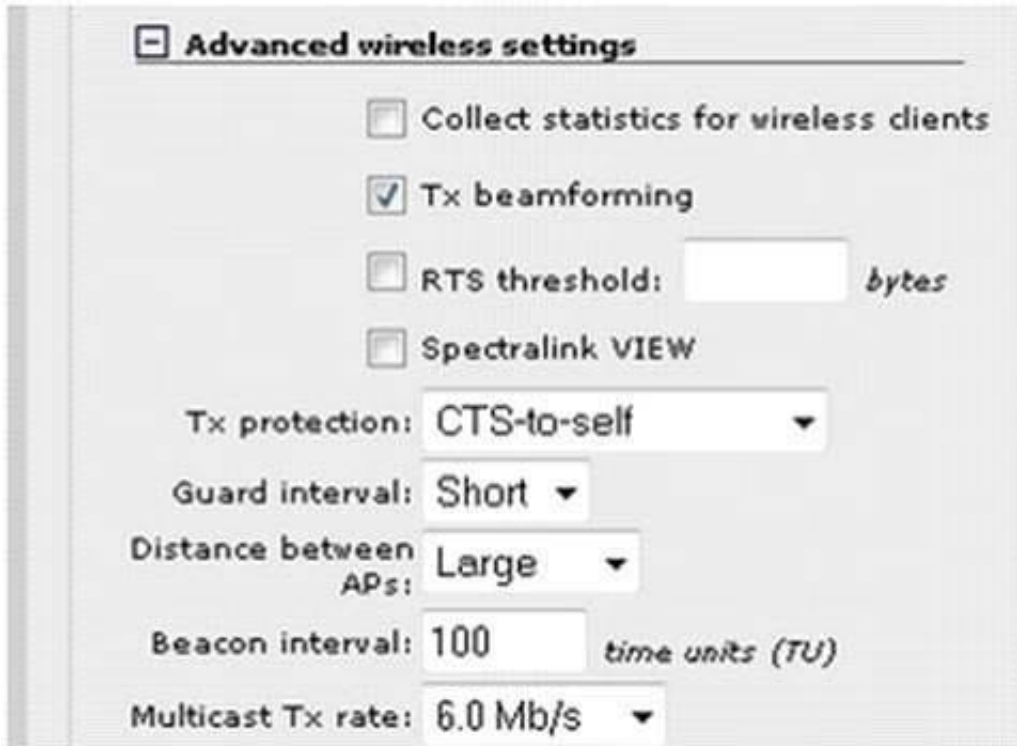
What helps the solution meet this need?

- A. A team of at least two MSM Controllers
- B. The use of WEP encryption
- C. A Premium license for the MSM Controller
- D. The use of an external RADIUS server

Correct Answer: C

QUESTION 10

Refer to the exhibit.



An MSM AP is operating in 802.11n mode, and legacy (a/g) traffic is being transmitted on the same radios as the 802.11n traffic. Which Advanced wireless setting prevents collisions from legacy traffic?

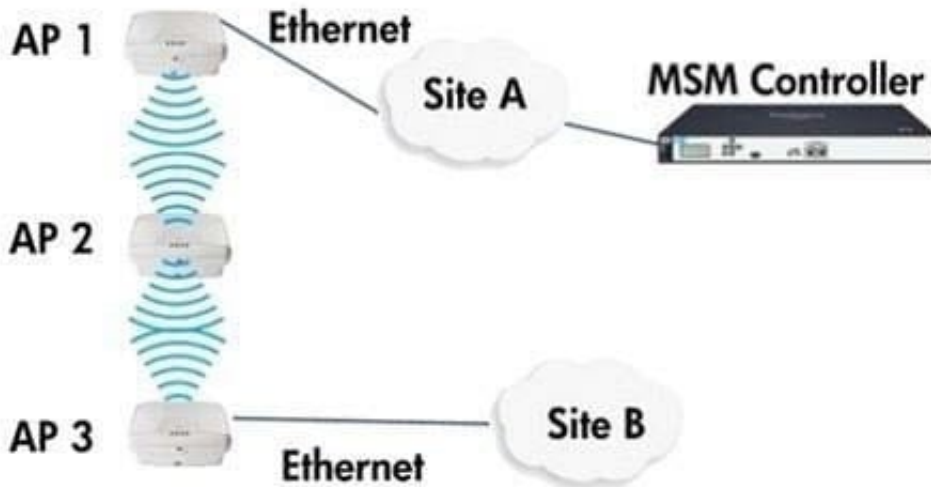
- A. Tx beamforming
- B. Guard interval
- C. Multicast Tx rate
- D. Tx protection

Correct Answer: B

QUESTION 11

Refer to the exhibit.

Wireless local mesh



A network administrator needs to configure a local mesh between the three APs shown in the exhibit. The network administrator configured AP1 for the master role. What are valid roles for AP 2 and AP 3?

- A. 2 = Alternate Master; 3 - Slave
- B. 2 = Slave; 3 = Alternate Master
- C. 2 = Slave; 3 = Master
- D. 2 = Slave; 3 = Slave

Correct Answer: C

QUESTION 12

How do HP MSM products, which support the optimized WLAN architecture, forward client traffic onto the wired network?

- A. The APs always forward traffic directly onto the wired network, thereby optimizing the traffic flow.
- B. The controller always forwards traffic onto the wired network, thereby simplifying management and improving security.
- C. While an individual AP must either forward all traffic locally or forward all traffic to the controller, different APs can exhibit different behaviors based on the needs of the company.
- D. The APs can forward traffic for some VSCs directly onto the wired network and forward traffic for tunneled or access-controlled VSCs to the controller.

Correct Answer: D

QUESTION 13

When would the IP address of the Internet port on an MSM controller be set to "No Address"?

- A. when NAT is enabled
- B. when only authenticated traffic is passing through the Internet port Get Latest and Actual HP2- Z32
- C. when NAT is disabled
- D. when only VLAN traffic is passing through the Internet port

Correct Answer: D

QUESTION 14

A hotel chain requires an HP MSM for guests who log in through web log in through web pages hosted on the HP MSM Controller. The company wants to customize the pages with its own logos, pictures, and messaging. What are valid ways that the network administrator can load the customized pages on the controller? (Select two)

- A. Replace and add individual files, which are saved on the local management station.
- B. Load the entire set of pages from a zip file on the local management station.
- C. Load the pages on the controller from an FTP server.
- D. Synchronization with an external Web server and download the pages from it.
- E. Define login-url, welcome-url, and goodbye-url attributes to load the pages.

Correct Answer: BC

QUESTION 15

The VSC settings on an HP MSM Controller include a checkbox for SSID broadcasting. How do APs that support this VSC behave if a network administrator clears this checkbox?

- A. The APs do not include the SSID in the beacons that they periodically transmit.
- B. The APs suppress unnecessary broadcast traffic received from VLANs associated with this SSID, including DHCP discovery broadcasts and some ARP requests.
- C. The APs suppress unnecessary broadcast traffic received from wireless clients associated with this SSID, with the exception of DHCP discovery broadcasts and ARP requests.
- D. The APs and clients do not include the SSID in any frames, including control frames, management frames like beacons, and data frames.

Correct Answer: C

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