

HP2-Z32^{Q&As}

Implementing HP MSM Wireless Networks

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QUESTION 1

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 2

A company needs a WLAN for its employees. Network administrators are planning a non-access-controlled VSC that enforces WPA2 and 802.1x. The network administrators want to assign wireless clients to VLAN 10 in building 1 and to VLAN 20 in building 2.

What is the proper design?

- A. Two VSCs each of which specifies a different egress VLAN
- B. One VSC that specifies two egress VLANs
- C. Two VSCs each of which specifies a different ingress VLAN
- D. One VSC that is bound to two AP groups using different egress VLANs

Correct Answer: D

QUESTION 3

An MSM administrator creates an access-controlled VSC, which is not the default VSC, on a standalone MSM Controller. The controller should implement DHCP relay on this VSC; clients will receive IP addresses from an external DHCP server. The DHCP scope for the clients uses 192.168.1.0/24 and sets the default gateway to 192.168.1.1. The 192.168.1.0/24 subnet is reserved for the wireless clients and does not exist in the LAN.

Which requirement applies to this scenario?

- A. The guests must log into a web page hosted on an external server to authenticate on this VSC.
- B. The 192.168.1.0/24 subnet must be configured on the controllers LAN port.
- C. The DHCP server, or its default gateway, needs a route to 192.168.1.0/24 through the MSM Controller.

D. The APs that support this VSC must receive IP addresses from the same DHCP server as the clients.

Correct Answer: A

QUESTION 4

A network administrator configures most settings for an HP MSM team from the team Web browser interface. However, the network administrator must configure a few settings from the interface of the individual member. What is one of these settings?

- A. Certificates
- B. Subscribing plans
- C. DHCP relay settings
- D. Virtual service communities (VSCs)

Correct Answer: C

QUESTION 5

A multiple-input, multiple-output (MIMO) device has a 2 x 3 configuration.

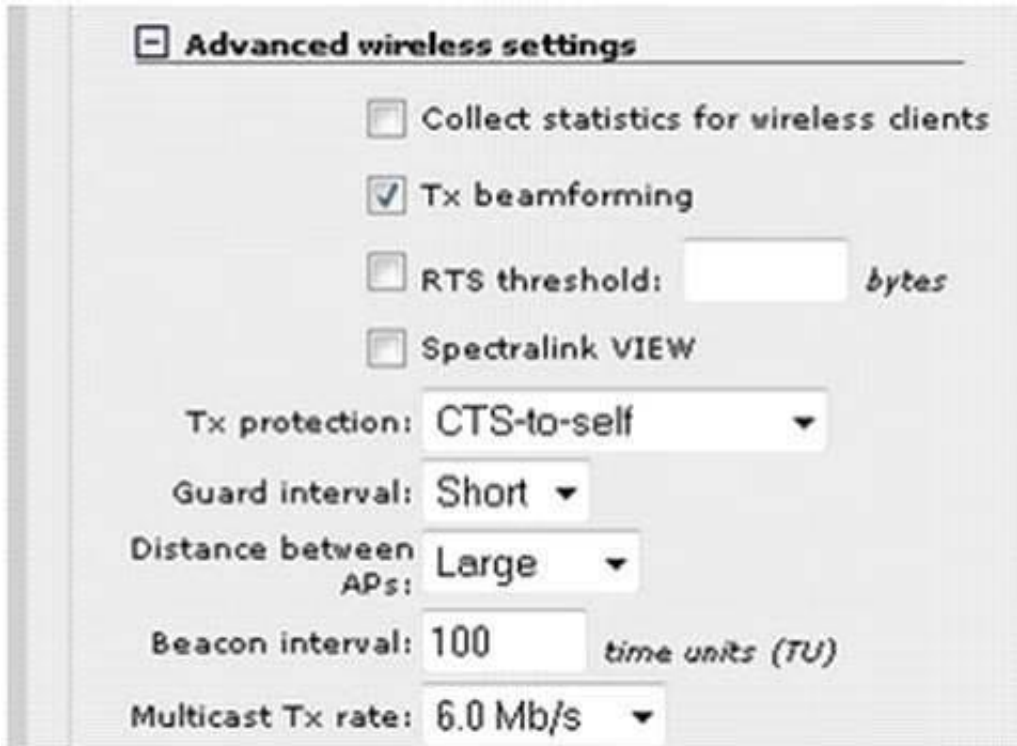
Which statement about this configuration is true?

- A. The device can transmit two and three spatial streams.
- B. The device has two antennas that each support three spatial streams.
- C. The device can transmit to six clients at once, using slightly different frequencies.
- D. The device has two transmitting antennas and three receiving antennas.

Correct Answer: B

QUESTION 6

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 7

A network administrator wants to use a dedicated link for teaming communications between two HP MSM720 Controllers. In each MSM720's teaming settings, the administrator selects port 4 and sets the VLAN ID to 101. What is the correct setting for the port 4 network profile?

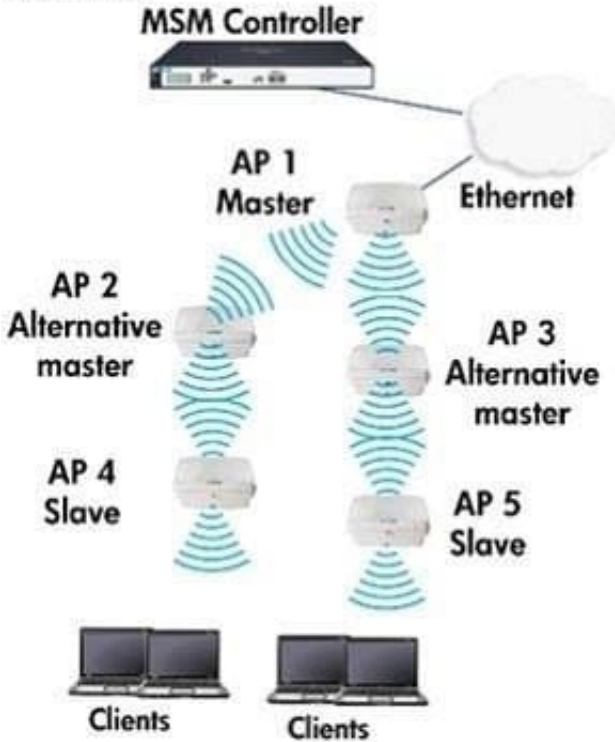
- A. A network profile without a VLAN ID
- B. A network profile with a VLAN ID that is not used in any other profile
- C. A network profile with VLAN ID 101
- D. The default network profile (Access network)

Correct Answer: C

QUESTION 8

APs. What could occur if AP 2 fails?

Local mesh:



- A. AP 1 establishes a session with AP 3.
- B. AP 1 establishes a session with AP 4.
- C. AP 4 establishes a session with AP 5.
- D. AP 4 establishes a session with AP 3.

Correct Answer: D

QUESTION 9

Which VSCs require the implementation of opportunistic key caching?

- A. Any VSC that supports Layer 3 roaming
- B. All VSCs that are secured by WPA/WPA2-PSK or WPA/WPA2 with 802.1x
- C. Any VSC that is secured by WPA/WPA2 with 802.1x
- D. All access-controlled VSCs

Correct Answer: C

QUESTION 10

Which devices negotiate the Extensible Authentication Protocol (EAP) method during the 802.1X authentication process?

- A. only the station and authentication server
- B. the station, authenticator, and authentication server
- C. only the authenticator and authentication server
- D. only the station and authenticator

Correct Answer: B

QUESTION 11

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 12

A company has an MSM solution that is providing wireless access for its employees. The company now needs a simple wireless guest solution, and the MSM administrator is creating modern for guests an access controlled VSC for this

purpose. The company has a cable Internet access, and the controller should route traffic directly to the Internet Service Provider (ISP) router through this modern. The MSM administrator has created an IP interface for VLAN 1000 on the

controller's Internet port.

What else must the MSM administrator do?

- A. Create a route to the ISP router through the core switch.
- B. Connect the controller's LAN port to the cable modern.
- C. Disconnect the controller's Internet port from the core switch and connect it to the cable modern.
- D. Set VLAN 1000 as the egress VLAN in the guest VSC.

Correct Answer: D

QUESTION 13

What are two factors of a radio's Effective Isotropic Radiated Power (EIRP)? (Select two.)

- A. Number of stations in the cell
- B. Receiver sensitivity
- C. Transmit power
- D. Antenna pattern
- E. Cable loss

Correct Answer: CE

QUESTION 14

A company wants to use MSM765 zI Controllers in a team solution that supports 750 MSM APs. What must the company purchase for this solution?

- A. Six MSM765 zI Controllers
- B. Five MSM765 zI Controllers and an additional Premium license for each one
- C. Four MSM765 zI Controllers and an additional Premium license for each one
- D. Four MSU765 zI Controllers

Correct Answer: B

QUESTION 15

A network administrator is designing wireless meshing for an HP MSM AP. What is a correct guideline that the network administrator should follow?

- A. Do not configure a wireless mesh on an AP that supports 802.11n clients
- B. Create at least eight links on one radio before establishing a link on a second radio.
- C. Enable 802.1X authentication on the mesh link.
- D. Dedicate a radio to the mesh link whenever possible

Correct Answer: C