



HP2-Z32^{Q&As}

Implementing HP MSM Wireless Networks

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**QUESTION 1**

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

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

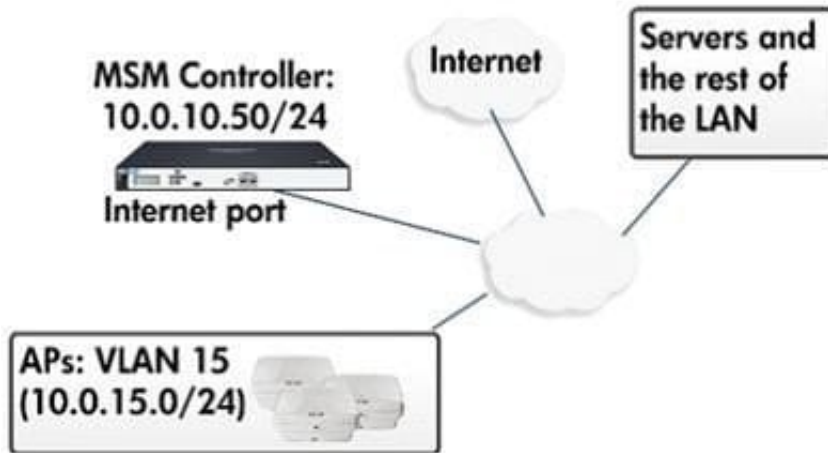
Correct Answer: D

QUESTION 3

Refer to the exhibit.



Network topology



A hospital requires a wireless solution for guests. To enable wireless access, the network administrator creates an access-controlled VSC that uses HTML-based user logins (Web- Auth). The exhibit shows the topology.

Which guideline should the network administrator follow to create the VSC for this solution1?

- A. Do not use the default VSC because the LAN port is disconnected.
- B. Use the controller for authentication but not for access control. Enable local HTML-user login,
- C. Enable the DHCP server or DHCP relay on the VSC.
- D. Enable wireless security filters or the Always tunnel client traffic setting. Do not enable both.

Correct Answer: B

QUESTION 4

A network administrator wants to collect and monitor statistics from across an enterprise wireless network. The network includes three HP MSM765 Controllers and 440 HP MSM APs. The network administrator also wants to monitor other network infrastructure devices, including HP and non-HP switches. Which solution best provides this capability?

- A. HP RF Manager
- B. HP Intelligent Management Center (IMC) Basic Software Platform
- C. HP Manager and RF Planner
- D. HP IMC and Wireless Services Manager (WSM)

Correct Answer: D

QUESTION 5

Match each description to the appropriate extensible authentication protocol (EAP) type.



Hot Area:

It uses a secure tunnel to protect both the client's username and its password

<input type="text"/>
eap-peap
eapttl
eapts

Often used with windows supplicants it uses a secure tunnel to transmit the client's password

<input type="text"/>
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It authenticates both the client and server with public key infrastructure(PKI) digital certificates

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eap-peap
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Correct Answer:



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<input type="text"/>
<input checked="" type="radio"/> eap-peap
<input type="radio"/> eap-tls
<input type="radio"/> eap-tls

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<input type="text"/>
<input type="radio"/> eap-peap
<input checked="" type="radio"/> eap-tls
<input type="radio"/> eap-tls

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<input type="text"/>
<input type="radio"/> eap-peap
<input type="radio"/> eap-tls
<input checked="" type="radio"/> eap-tls

QUESTION 6

When Centralized Access Control is configured as Automatic, when is a user data tunnel created?

- A. when more than one controller is on the network that has the same access control configuration
- B. when tunnels are manually configured and available
- C. when IPsec is set up between two controllers
- D. when a synchronized AP and its controller are on different subnets

Correct Answer: D

QUESTION 7

A network administrator deploys several HP MSM APs and an HP MSM Controller. The APs discover the controller, establish management tunnels, and become synchronized. The administrator wants to check some settings on one of the

APs and attempts to reach its web browser interface, but the request times out.

However, a ping to the AP succeeds.

What explains this behavior?



- A. The global setting for controlled AP provisioning is disabled.
- B. The APs\' Web interfaces are not available after they become managed by the controller.
- C. The APs\' Web management tool features have been disabled either at the AP group level or the controlled AP level.
- D. The controller has deployed an access control list (ACL) to the AP. The management station\'s address must be added to this list.

Correct Answer: C

QUESTION 8

When does 802.1X authentication of a wireless station occur?

- A. It occurs after the 802.11 association process, but before the 802.11 authentication process.
- B. It occurs after the 802.11 association process.
- C. It occurs in place of the 802.11 authentication process.
- D. It occurs after the 802.11 authentication process, but before the 802.11 association process.

Correct Answer: B

QUESTION 9

Refer to the exhibit.



The image shows three screenshots of VSC configuration panels. The first panel (Profile A) has 'Authentication' and 'Access control' checked under 'Use Controller for'. The 'Access control' section has 'Present session and welcome page to 802.1x users' checked, 'Identify stations based on IP address only' unchecked, and 'Local NAS Id' empty. The 'VSC ingress mapping' section has 'SSID' checked and 'VLAN' set to '<No VLAN defined>'. The second panel (Profile B) has 'Authentication' checked and 'Access control' unchecked under 'Use Controller for'. The 'VSC ingress mapping' section has 'Ethernet Switch' selected. The third panel (Profile C) has both 'Authentication' and 'Access control' unchecked under 'Use Controller for'.

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 10

In addition to the data transmit rate, which other parameter is configurable for the QoS Priority levels?

- A. Notification of blocking enable



- B. Receive rate
- C. Retry amount
- D. Drop or queue choice

Correct Answer: B

QUESTION 11

A network administrator defines a new network profile on an HP MSM765 zIMobility Controller but now wants to associate the profile with an IP interface. However, when the network administrator moves to the Controller?

Network>; IP interface window, the button for adding a new interface is grayed out and cannot be clicked. What should the network administrator do?

- A. Remove the VLAN ID from the network profile.
- B. Assign the profile as an ingress VLAN in a VSC.
- C. Delete one of the existing IP interfaces.
- D. Map the profile to a controller port.

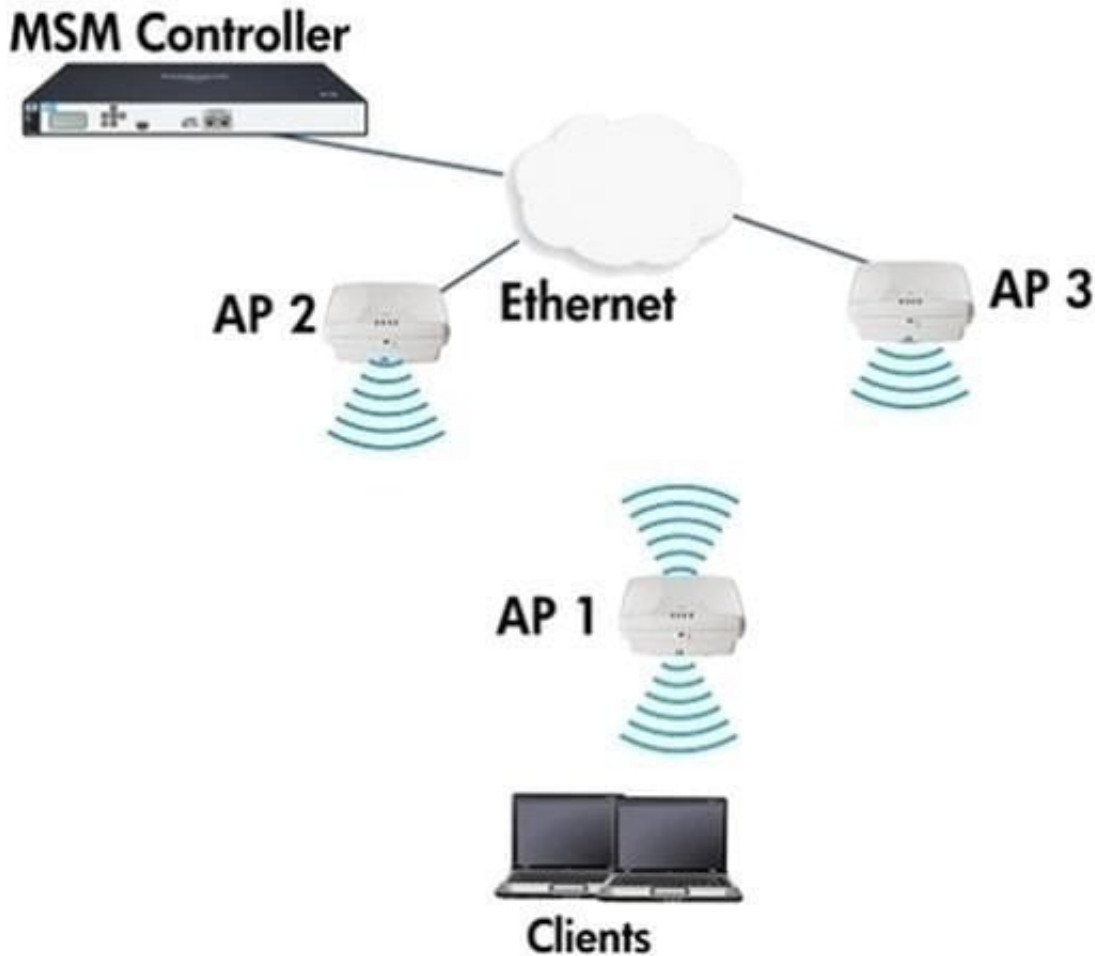
Correct Answer: C

QUESTION 12

Refer to the exhibit.



Wireless local mesh:



A network administrator needs to configure a dynamic wireless mesh to connect HP MSM AP 1 to the network.

AP 1 will be installed outdoors where Ethernet is not available. It will connect to AP2ortoAP3; one of which will provide the primary link and one of which will act as backup. Both AP 2 and AP 3 have connections to the Ethernet network and should not connect to each other.

What are appropriate roles for the three APs?

- A. 1 = Slave; 2 = Alternate master; 3 = Alternate master
- B. 1 = Slave; 2 = Master 3 = Alternate master
- C. 1 = Slave; 2 = Master; 3 = Master
- D. 1 = Alternate master; 2 = Alternate master; 3 = Alternate master

Correct Answer: B

QUESTION 13



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 14

Users report that the 802.11n wireless network is extremely slow. The network administrator suspects that the problem is occurring because of a hidden node.

Which mechanism is a solution for this problem?

- A. Short Guard Interval (SGI)
- B. Reduced Inter-Frame Spacing (RIFS)
- C. CTS-to-Self
- D. Carrier sense multiple access with collision avoidance (CSMA/CA)

Correct Answer: B

QUESTION 15

A company has an HP MSM solution with an MSM Controller and APs.

The company requires a WLAN that enforces WPA2 with 802.1X authentication. The company has a RADIUS server that will authenticate wireless users. The RADIUS server administrators would prefer to define just one RADIUS client on the server. Which VSC setting should the MSM administrator plan for this scenario?

- A. Centralized access control (Use the Controller for Access control option)
- B. Preshared encryption keys for WPA2 encryption (Preshared Key for Key source)
- C. Centralized authentication (Use the Controller for Authentication option)
- D. Local authentication (Local setting for 802.1X authentication)

Correct Answer: D