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Exam : **HP0-Y44**

Title : Implementing and
Troubleshooting HP
Wireless Networks

Version : Demo

1.HOTSPOT

An HP MSM AP supports these features:

- Band steering
- Multiple spatial streams
- Multiple in Multiple out (MIMO)
- Explicit beam forming

Which feature or features does the client need to support to receive its benefit?

Band steering

Multiple spatial streams

MIMO

Explicit beamforming

Band steering
Client also must support
Client does not need to support

Multiple spatial streams
Client also must support
Client does not need to support

MIMO
Client also must support
Client does not need to support

Explicit beamforming
Client also must support
Client does not need to support

Answer:

Band steering	<input type="checkbox"/> Client also must support <input checked="" type="checkbox"/> Client does not need to support
Multiple spatial streams	<input checked="" type="checkbox"/> Client also must support <input type="checkbox"/> Client does not need to support
MIMO	<input type="checkbox"/> Client also must support <input checked="" type="checkbox"/> Client does not need to support
Explicit beamforming	<input checked="" type="checkbox"/> Client also must support <input type="checkbox"/> Client does not need to support

2. A network administrator is configuring a VSC that enforces WPA2 with preshared keys (PSK) on an HP Controller. The VSC must support Voice over IP (VoIP) applications, so the network administrator enables opportunistic key caching to support fast roaming. When the network administrator saves the VSC settings, an error indicates 802.1X is required.

How should the network administrator resolve this error?

- A. By purchasing a premium mobility license for the controller, which will allow the controller to support opportunistic key caching with 802.1X.
- B. By enabling 802.1X but leaving in WPA2 key source set to static so that both forms of authentication are supported.
- C. By enabling wireless mobility as an authentication method for meeting the fast roaming requirements.
- D. By enabling opportunistic key caching: this feature is not required for fast roaming in a VSC such as this.

Answer: B

3. A controlled IIP MSM AP radio is configured to select its channel automatically. When does the AP run the algorithm to select a channel?

- A. Every time the AP detects noise above -60 dBm from an 802.11 source.
- B. Whenever the AP receives a signal to change channels from its controller.
- C. At the specified interval or time of day
- D. Every time the AP detects noise above -60 dBm from any RF source

Answer: C

4. Which statement accurately describes 802.11i Mixed Mode?

- A. The AP sends all stations a TKIP group key.
- B. The AP sends all stations both a TKIP and an AES group key.
- C. The AP sends stations using TKIP a TKIP group key and stations using AES an AES group key
- D. The AP sends all stations an AES group key

Answer: D

5. In an 802.11 infrastructure mode cell, how can stations communicate?

- A. Every station associated with an AP can transmit directly to any station associated with the same AP radio
- B. Every station associated with an AP can transmit directly to any station associated with any radio on that AP
- C. Every station associated with an AP can transmit directly to that AP only
- D. Every station associated with an AP can transmit directly to any station associated with the same SSID on the same AP radio.

Answer: D

6. HOTSPOT

Select the frequency band for each standard.

802.11b	<input type="text"/>
802.11a	<input type="text"/>
802.11g	<input type="text"/>
802.11n	<input type="text"/>

802.11b

 2.4 GHz
 5 GHz
 2.4 or 5 GHz

802.11a

 2.4 GHz
 5 GHz
 2.4 or 5 GHz

802.11g

 2.4 GHz
 5 GHz
 2.4 or 5 GHz

802.11n

 2.4 GHz
 5 GHz
 2.4 or 5 GHz

Answer:

802.11b	<input type="text"/> 2.4 GHz 5 GHz 2.4 or 5 GHz
802.11a	<input type="text"/> 2.4 GHz 5 GHz 2.4 or 5 GHz
802.11g	<input type="text"/> 2.4 GHz 5 GHz 2.4 or 5 GHz
802.11n	<input type="text"/> 2.4 GHz 5 GHz 2.4 or 5 GHz

7.Which TAP method requires the supplicant and the authentication server to mutually authenticate with digital certification?

- A. EAP-SIM
- B. EAR-TLS
- C. AP-TTTS
- D. EAP-PEAP

Answer: D

8.HP MSM APs support a VSC that specifies Mbps as the highest supported data rate. Several clients to the WALN associated with this VSC.

What is the throughput and bandwidth that experience?

- A. When multiple clients connects to an AP radio, each client has a potential maximum of 54 Mbps throughput.
- B. When multiple clients connect to an AP radio, each of those clients is limited to 54 Mbps.
- C. A client can transmit or receive at 54 Mbps, but all clients connected to an AP radio share a throughput less than 54 Mbps.

D. All clients connected to the VSC share a total of 54 Mbps of throughput, no matter how many AP radio support the VSC.

Answer: B

9.A company's CEO has heard about Hole 196 and is concerned that WPA/WPA2 will not protect the company's wireless communication from eavesdroppers.

Which statement describes the vulnerability?

- A. Hole 196 exploits a weakness in the WPA encryption algorithm but does not compromise WPA2.
- B. Hole 196 allows an authorized user to spoof MAC addresses and detect the Group Transient Group Transient key (GTK).
- C. Hole 196 exploits a weakness in both the WPA/WPA2 encryption algorithm, but you can download a patch from your station or AP vendor.
- D. Hole 196 allows malicious authorized users to implement attacks such as ARP poisoning.

Answer: A

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

- A. The APs can forward traffic for the some VSCs directly onto the wired network, but forward traffic tunneled or access-controlled VSCs to the controller.
- 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 always forward traffic directly onto the wired network, thereby optimizing the traffic flow.

Answer: C