



[HP HP0-759](#)

Exam Name: HP ProCurve Combined Security and Mobility Exam

Q & A : 85 Q&As

Pdf Demo

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Exam : HP HP0-759

Title : HP ProCurve Combined Security and Mobility E

1. A user is authenticated through a ProCurve 420 with VLANs enabled. However, the RADIUS authentication server does not return a VLAN attribute. What will happen to the user? The user will be _____.

- A. placed in the Unauthorized VLAN
- B. denied access completely
- C. placed on the Management VLAN
- D. placed in the access point's Native VLAN

Answer: D

2. In designing a wireless network, the customer needs to have wireless coverage in their warehouse facility for the automated picking and

bar-coding inventory system. The warehouse is a wide open space filled with tall, multi-bay steel racks that are filled with an inventory of large metal pumps and valves. To get sufficient coverage down these long aisles, which antenna would you recommend?

- A. omni-directional mast
- B. parabolic dish
- C. directional patch
- D. omni-directional dipole

Answer: C

3. What is the valid range for client VLAN IDs on a ProCurve 420?

- A. 1-64
- B. 1-128
- C. 1-2048
- D. 1-4095

Answer: D

4. Site surveys are best done at the pre-sales stage in order to provide a customer with a rough estimate of what their investment will be. What are some important results derived from a site survey? Select TWO.

- A. How far should the APs be spaced apart (what cell size is needed)?
- B. Are there available dedicated power circuits for AP usage to limit noise feedback?
- C. Base estimated cell radius of 33 meters supporting 60-90 users at 5.5 Mbps aggregate bandwidth.
- D. How many APs will be required in a given area (cell density)?
- E. Use an Ultrasonic Wave Analyzer to test signal to noise ratio for proper placement of access points.

Answer: AD

5. You are installing an access point that is transmitting at 16 dBm. It is connected to a directional patch antenna with a rating of 6.5 dBi through a cable and connector set that is rated at 2.5 dBi. What is the effective gain of this configuration?

- A. 25 dB
- B. 20 dB
- C. 12 dB
- D. 30 db

Answer: B

6. When designing wireless networks, it is important to remember that government agencies limit the power of RF based networks in certain radio bands. The emitted power of a radio transmitter and any attached antenna is known as its _____.

- A. Radiated Radio Frequency Power
- B. Wireless System Power Radiation
- C. Effective Isotropic Radiated Power
- D. Effective Total Power Output

Answer: C

7. Which actions should be taken to test access point coverage during a site survey? Select THREE.

- A. Temporarily install an access point to test and measure signal to noise ratio levels.
- B. Use a wireless enabled portable device running an SNR analyzer tool.
- C. Configure all access points to use the same channel and enable bridge mode operation on all access points. Test connectivity and roaming once the site AP's are setup in bridge mode.
- D. Enable and verify 802.1X security to insure proper signal encryption and strength.
- E. Configure overlapping cells using non-overlapping channels and test for coverage.
- F. Configure WEP keys on client and access points.
- G. Configure a WDS link between two access points.

Answer: ABE

8. Given the complicated nature of wireless bridging, what must be considered before implementation? Select THREE.

- A. auto channel select must be enabled
- B. circular links require spanning tree to be set
- C. WDS links need to be set to same frequency channel
- D. multiple hop links need to be reduced to less than three
- E. multiple hop links may lead to long end-to-end latency figures
- F. circular links can create IP loops leading to increased performance
- G. WDS links need to be set to alternating frequency channels using 1, 6 and 11

Answer: BCE

9. A customer has asked you to design a wireless network for his office using HP 420 Access Points. In one area you decide to use a directional antenna to ensure that the wireless signal propagates down a long hallway. If you wish to limit the radiated power to 1 Watt, what is the highest gain directional antenna that you can use if the access point it is connected to is transmitting at full power?

- A. 2 dBm
- B. 6.5 dBm
- C. 10 dBm
- D. 14 dBm

Answer: C

10. Click the Exhibit button.

A customer is located on the top floor of a three-story building. The second floor already has an existing 802.11b network using channels 1, 6 and 11. The customer on the third floor wants to install an 802.11b network and requires three access points. Which channels should be used for the three access points? Select TWO.

- A. AP-A: channel 1, AP-B: channel 6 and AP-C: channel 11
- B. AP-A: channel 7, AP-B: channel 8 and AP-C: channel 9
- C. AP-A: channel 11, AP-B: channel 1 and AP-C: channel 6
- D. AP-A: channel 2, AP-B: channel 3 and AP-C: channel 4
- E. AP-A: channel 6, AP-B: channel 11 and AP-C: channel 1

Answer: CE

11. A customer has noticed that the throughput on his wireless network is not sufficient for his business requirements. As a first step in trying to alleviate this problem, you decide to increase the multicast rate on all of his access points to the maximum setting. This will help to improve real throughput because the multicast rate is the _____.

- A. rate at which WEP keys are refreshed
- B. rate at which access points send out beacon frames to clients
- C. rate at which control and management frames are transmitted to all associated clients
- D. raw data rate at which packets are transmitted between a single client and access point

Answer: C

12. Clients A and B attempt to communicate with access point C at the same time and a collision occurs because they cannot detect each other's transmissions. Which problem does this illustrate?

- A. fast transform
- B. retransmission
- C. key mis-match
- D. hidden client

Answer: D

13. While probing a wireless network using the wireless client utility on your computer, you can see that several different SSIDs are shown to be available. Which procedure has your wireless card just performed?

- A. a passive scan
- B. a WPA PSK refresh
- C. an active scan
- D. a WEP key refresh

Answer: C

14. Two wireless stations are located in close proximity to the same access point. Which mechanisms prevent them from transmitting at the same time? Select TWO.

- A. CSMA-CD
- B. SYN/ACK
- C. CSMA-CA
- D. MAC/LLC
- E. RTS/CTS

Answer: CE

15. During a wireless implementation for a local college you plan to use omni-directional diversity antennas for the internal public areas of the campus. You chose these antennas because they provide RF coverage in _____ of the antenna.

- A. a concentrated direction around the horizontal axis
- B. all directions around the vertical axis
- C. a particular direction along the vertical axis
- D. all directions around the horizontal axis

Answer: B

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