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**Exam** : **HP0-759**

**Title** : HP ProCurve Combined  
Security and Mobility Exam

**Version** : DEMO

**1.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.

**Correct:A B E**

**2.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.

**Correct:A D**

**3.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

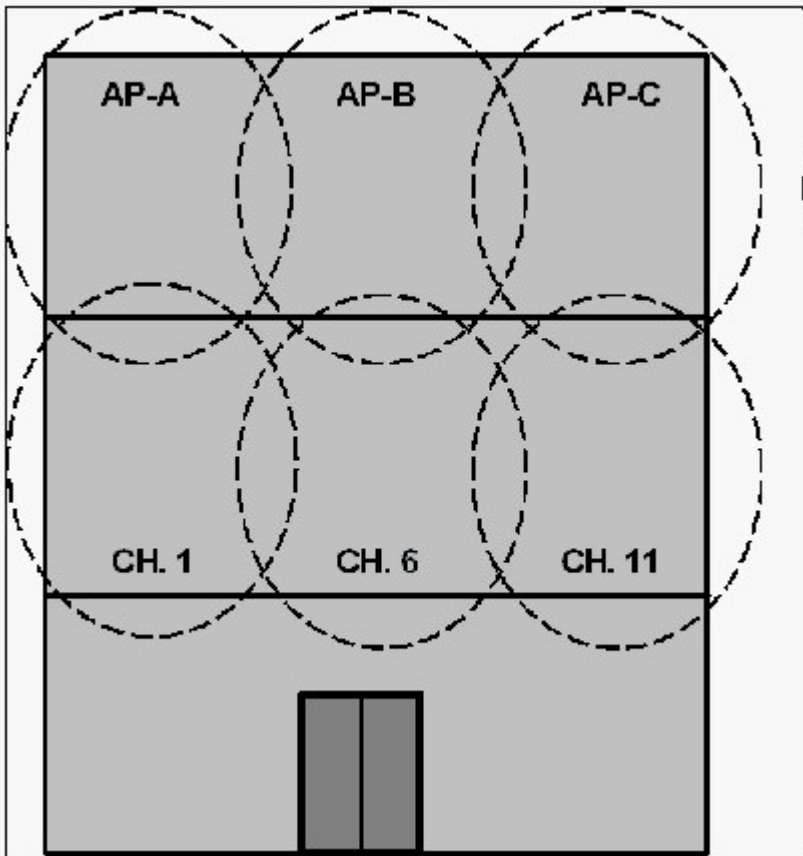
**Correct:D**

**4.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

**Correct:B C E**

**5.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

**Correct:C E**

**6.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

**Correct:D**

**7.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

**Correct:C E**

**8.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

**Correct:C**

**9.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

**Correct:D**

**10.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

**Correct:C**