

**Exam : Network General Corp
1T6-222**

**Title : Wireless LAN Analysis and
Troubleshooting**

Version : Demo

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1. ETSI BRAN is directly responsible for which wireless technology?

- A. Bluetooth
- B. HiperLAN2
- C. HomeRF SWAP
- D. WECA

Answer: B

2. IEEE 802.11b supports the following data packet rates:

- A. 1, 2, 5.5, and 11 Mbps
- B. 1, 2, 5, and 11 Mbps
- C. 1, 2.5, 5 and 11 Mbps
- D. 1, 2, 5 and 11.5 Mbps

Answer: A

3. Access Points do NOT do the following:

- A. Forward frames between wireless and/or wire-attached stations
- B. Buffer frames for stations out of range or in power save mode
- C. Route frames between different subnets
- D. Forward frames between wireless devices on the same subnet

Answer: C

4. An Extended Service Set configuration includes which of the following devices?

- A. Mobile units and multiple Access Points connected to wired LANs
- B. Mobile units with no Access Points
- C. Mobile devices and a single Access Point connected to a wired LAN
- D. Multi-homed mobile devices

Answer: A

5. Which three of the following devices support 802.11b WLAN software and hardware? (Select three that apply)

- A. Desktop PC
- B. Laptop PC
- C. Analog cellular telephone
- D. Personal Digital Assistant

Answer: ABD

6. What data transfer rates does IEEE 802.11a support?

- A. 1 and 2 Mbps
- B. 1, 2.5, 5 and 11 Mbps
- C. 6 to 54 Mbps

D. 1, 2, 5 and 11.5 Mbps

Answer: C

7. Which Expert layer does NOT show wireless objects ?

- A. Application
- B. Session
- C. Connection
- D. Global

Answer: D

8. Which Monitor display shows the channel each device is using?

- A. Host Table > MAC tab
- B. Global Statistics > Channel Surfing tab
- C. Host Table > 802.11 tab
- D. Global Statistics > Utilization Dist. tab

Answer: C

9. Which Monitor display shows various counts and the BSSID on each channel?

- A. Global Statistics > Channel Surfing tab
- B. Matrix > Channel Surfing tab
- C. Dashboard > Channel Surfing tab
- D. Protocol Distribution > Channel surfing tab

Answer: A

10. Which Monitor application shows the minimum, maximum and current signal strength of each device?

- A. Matrix > MAC Detail
- B. Global Statistics > Channel Surfing tab
- C. Host Table > 802.11 tab
- D. Multiple History Samples

Answer: C

11. True or false? You must use both a wireless and Ethernet card to monitor and sniff a wireless network.

- A. True
- B. False

Answer: B

12. You can set wireless triggers using which three criteria? (Select three that apply)

- A. Enable Alarms, then choose various wireless frame types
- B. Choose a previously defined capture filter
- C. Enable Alarms, then choose the channel you wish to observe
- D. Enable channel surfing, then use a station address filter

Answer: ABD

13. What is the minimum RAM recommended for a Sniffer Portable with a wireless interface?

- A. 32 MB
- B. 64 MB
- C. 128 MB
- D. 256 MB

Answer: C

14. Which path is used to enable Sniffer Portable to capture on specific BSSID and ESSIDs?

- A. Capture > Options > 802.11 tab
- B. Capture > Define filter > 802.11 tab
- C. Tools > Options > 802.11 tab
- D. Capture > Tools > 802.11 tab

Answer: C

15. Sniffer Wireless shows full seven-layer decodes for all frames if you:

- A. Enter the correct WEP key before you open a trace file
- B. Entered the correct WEP key before the frames were captured
- C. Use Display > Display Setup > Summary Display > Decrypt all frames
- D. Use Display > Display Setup > Summary Display and enable 802.11 protocols

Answer: B

16. Which statement is correct about Sniffer Portables ability to work with WEP encrypted frames?

- A. Sniffer Portable cannot decode WEP encrypted data frames
- B. Sniffer Portable can decode entire encrypted frames if you have entered the correct WEP keys
- C. Sniffer Portable can decode only the DLC and network layer of encrypted frames if you have entered the correct WEP keys
- D. Sniffer Portable supports only 40-bit WEP encryption

Answer: B

17. Which PHY medium specifies Dwell Time?

- A. IRSS
- B. FHSS
- C. Infrared
- D. DSSS

Answer: B

18. View the exhibit of a Decode window view of a frame below.

```

DLC: ----- DLC Header -----
DLC:
DLC: Frame 10 arrived at 12:25:50.9460: frame size is 1540 (0604 hex) bytes.
DLC: FRAME ERROR = Bad CRC
DLC: Signal level = 99 %
DLC: Channel = 6
DLC: Data rate = 22 (11.0 Megabits per second)
DLC: Short Preamble
DLC: Frame Originally Encrypted
  
```

What is the transmitted data rate for this frame?

- A. 1 Mbps
- B. 2 Mbps
- C. 5.5 Mbps
- D. 11 Mbps

Answer: D

19. Choose all that apply. Which techniques are used by moving devices to reserve air time?

- A. Virtual Carrier Sense
- B. Contention-Free
- C. Power Save
- D. RTS, CTS frames

Answer: AD

20. View the exhibit of a Decode window view of a frame below.

```

DLC: Frame Control Field #1 = 08
DLC:      .00 = 0x0 Protocol Version
DLC:      .10 = 0x2 Data Frame
DLC:      0000 = 0x0 Data (Subtype)
DLC: Frame Control Field #2 = 01
DLC:      .1 = To Distribution System
DLC:      .0 = Not from Distribution System
DLC:      .0 = Last fragment
DLC:      .0 = Not retry
DLC:      .0 = Active Mode
DLC:      .0 = No more data
DLC:      .0 = Wired Equivalent Privacy is off
DLC:      0 = Not ordered
  
```

How is this frame being delivered?

- A. From the mobile unit to the Access Point
- B. From the Access Point to the mobile unit
- C. From the mobile unit to another mobile unit in ad hoc mode
- D. From a wired station to the Access Point

Answer: A

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