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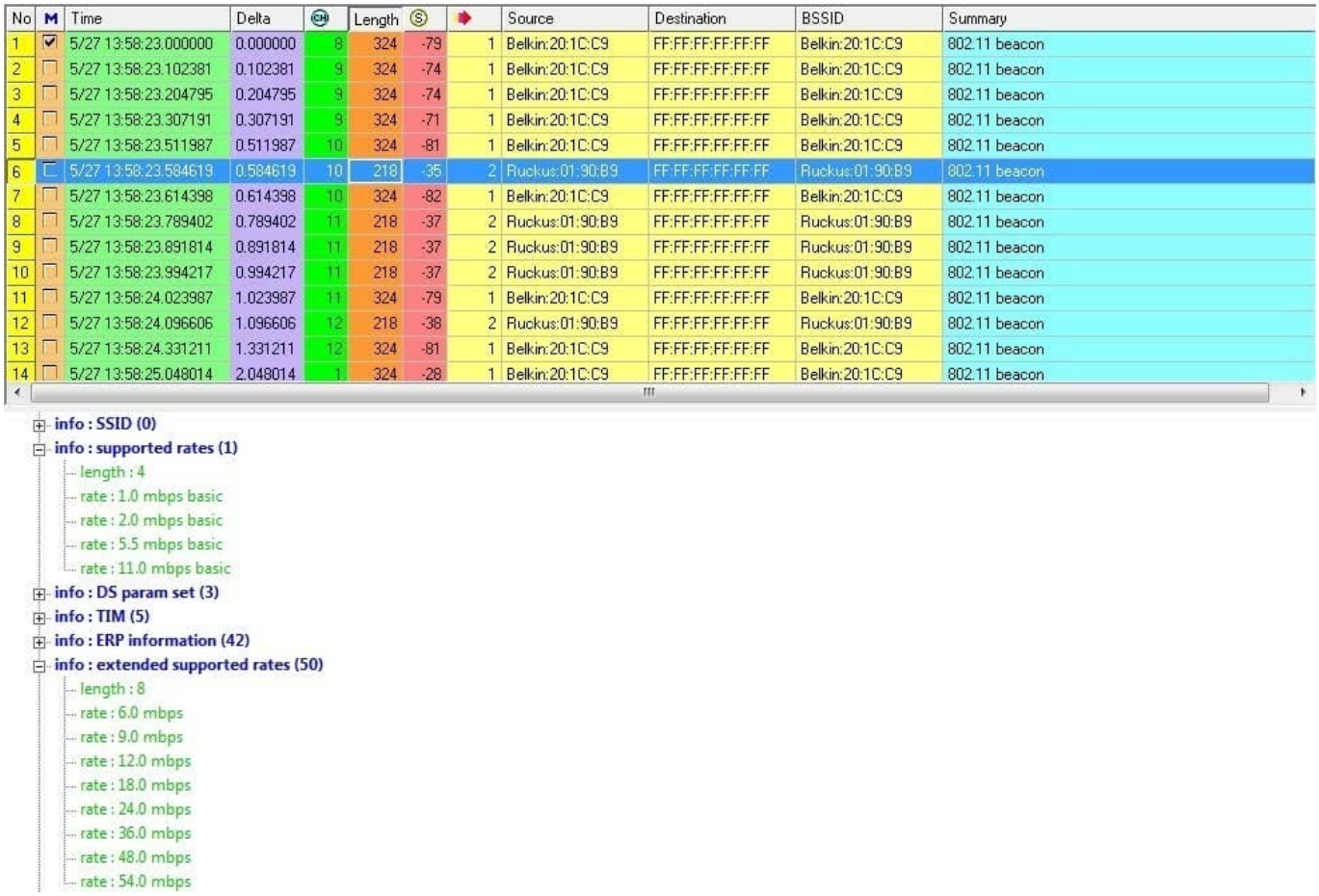
QUESTION 1

In the frame decode shown, there are two sets of supported data rates. 1, 2, 5.5, and 11 Mbps are all shown as "basic" data rates, and 6, 9, 12, 18, 24, 36, 48, and 54 Mbps are shown simply as supported data rates.



No	M	Time	Delta	CH	Length	S		Source	Destination	BSSID	Summary
1	☑	5/27 13:58:23.000000	0.000000	8	324	-79	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
2	☐	5/27 13:58:23.102381	0.102381	9	324	-74	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
3	☐	5/27 13:58:23.204795	0.204795	9	324	-74	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
4	☐	5/27 13:58:23.307191	0.307191	9	324	-71	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
5	☐	5/27 13:58:23.511987	0.511987	10	324	-81	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
6	☐	5/27 13:58:23.584619	0.584619	10	218	-35	2	Ruckus:01:90:B9	FF:FF:FF:FF:FF:FF	Ruckus:01:90:B9	802.11 beacon
7	☐	5/27 13:58:23.614398	0.614398	10	324	-82	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
8	☐	5/27 13:58:23.789402	0.789402	11	218	-37	2	Ruckus:01:90:B9	FF:FF:FF:FF:FF:FF	Ruckus:01:90:B9	802.11 beacon
9	☐	5/27 13:58:23.891814	0.891814	11	218	-37	2	Ruckus:01:90:B9	FF:FF:FF:FF:FF:FF	Ruckus:01:90:B9	802.11 beacon
10	☐	5/27 13:58:23.994217	0.994217	11	218	-37	2	Ruckus:01:90:B9	FF:FF:FF:FF:FF:FF	Ruckus:01:90:B9	802.11 beacon
11	☐	5/27 13:58:24.023987	1.023987	11	324	-79	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
12	☐	5/27 13:58:24.096606	1.096606	12	218	-38	2	Ruckus:01:90:B9	FF:FF:FF:FF:FF:FF	Ruckus:01:90:B9	802.11 beacon
13	☐	5/27 13:58:24.331211	1.331211	12	324	-81	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon
14	☐	5/27 13:58:25.048014	2.048014	1	324	-28	1	Belkin:20:1C:C9	FF:FF:FF:FF:FF:FF	Belkin:20:1C:C9	802.11 beacon

What is true of "basic" data rates in this context?

A. The AP requires all client stations to support Basic rates in order to associate to its BSS.

B. The highest data rate set to Basic is automatically used to send broadcast traffic such as Beacon frames.

C. Basic rates are optional data rates for the BSS, often used for assuring connectivity for legacy stations.

D. Basic rates are only used for multicast traffic, and do not affect unicast traffic.

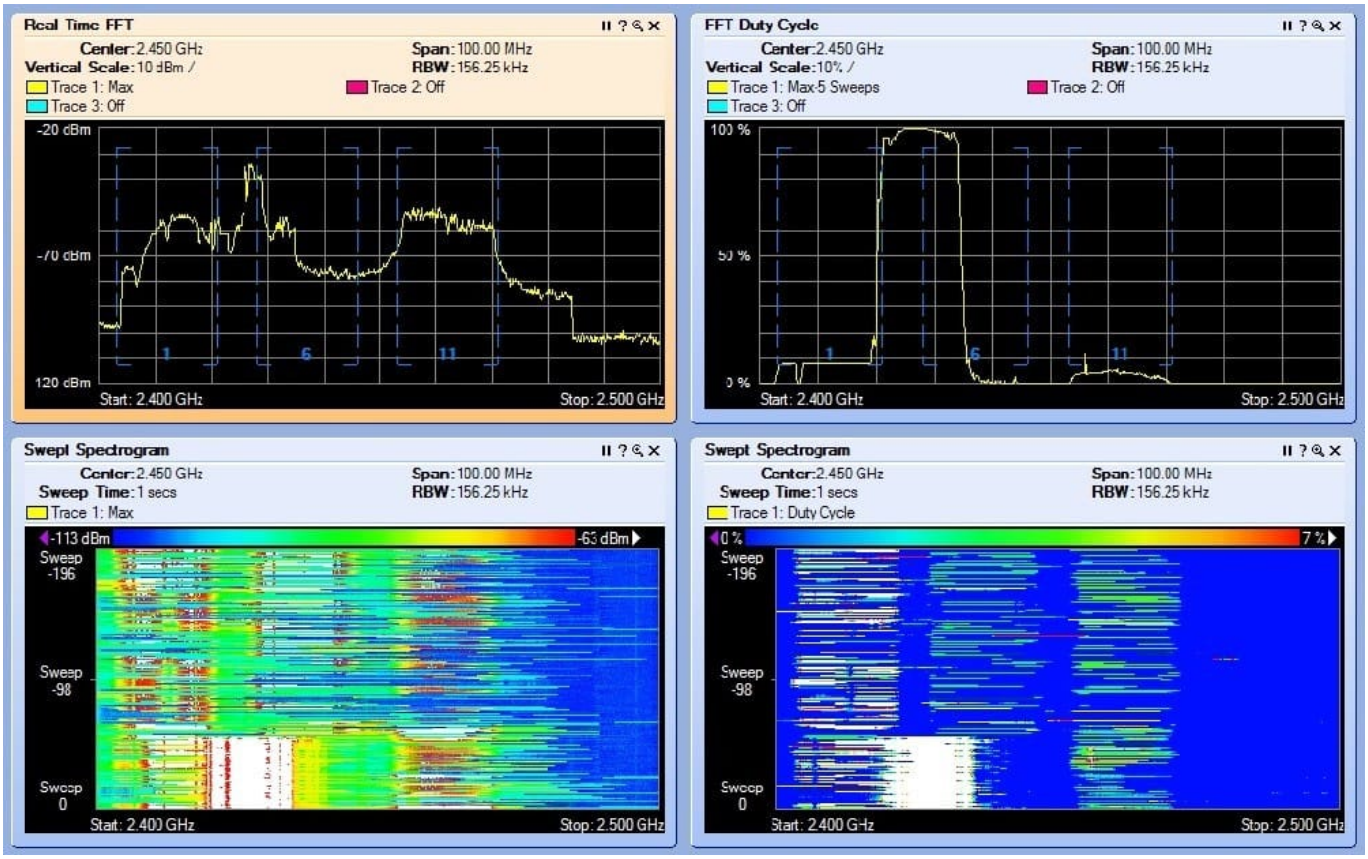
E. Basic rates are defined in an AP\\'s service set to specify mandatory data rates for all retry frames.

Correct Answer: A

QUESTION 2

As shown in the exhibit, a spectrum analyzer has measured both 802.11 and non-802.11 RF transmissions in the 2.4 GHz band. The exhibit shows a continuous video transmitter near channel 5.

Based upon the exhibit,



what impact does the video transmitter have on WLAN operations throughout the band?

A. The video transmitter is preventing WLAN operation on channel 6, and has only a minor impact on channels 1 and 11.

B. The video transmitter has made no impact on WLAN operation in the band.

C. The video transmitter is preventing all WLAN transmissions in the band.

D. The video transmitter is preventing all WLAN transmissions on channel 6, and its impact on channels 1 and 11 is severe.

Correct Answer: A

QUESTION 3

When 802.11 standard compliant AES-CCMP security is being used with IPSec/ESP for layered security, what will a WLAN protocol analyzer see as the security mechanism in use when a user browses to an HTTPS secured web page?

A. AES-CCMP

B. IPSec/ESP

C. SSLv3

D. AES-CCMP and IPSec/ESP

E. AES-CCMP, IPSec/ESP, AND SSLv3

Correct Answer: A

QUESTION 4

While at a government-operated facility, you are attempting to troubleshoot a WLAN performance problem using a wireless protocol analyzer. When you start capturing frames, you see a proprietary layer 2 protocol running over the ERP network as shown in this screenshot. The facility\\'s WLAN administrator confirms that this protocol is proprietary and used for both data encryption and compression.

Packet	Source Physical	Dest. Physical	BSSID	Data Rate	Size	Protocol
126	00:09:5B:66:E6:11	00:C0:9F:09:81:32	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
127	00:0D:ED:A5:4F:70	00:09:5B:66:E6:11		24.0	14	802.11 Ack
128	00:C0:9F:09:81:32	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
129	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70		24.0	14	802.11 Ack
130	00:09:5B:66:E6:11	00:C0:9F:09:81:32	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
131	00:0D:ED:A5:4F:70	00:09:5B:66:E6:11		24.0	14	802.11 Ack
132	00:C0:9F:09:81:32	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
133	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70		24.0	14	802.11 Ack
134	00:09:5B:66:E6:11	00:C0:9F:09:81:32	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
135	00:0D:ED:A5:4F:70	00:09:5B:66:E6:11		24.0	14	802.11 Ack
136	00:C0:9F:09:81:32	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70	54.0	158	SNAP-00-00-00-88-95
137	00:09:5B:66:E6:11	00:0D:ED:A5:4F:70		24.0	14	802.11 Ack

How will this information affect the steps you take to troubleshoot performance problems on this WLAN?

A. The proprietary encryption protocol will have no effect on your troubleshooting steps because the wireless protocol analyzer can still decode the PLCP and MAC headers of Data frames. This situation is essentially no different than troubleshooting a WLAN that uses WPA2-Personal.

B. Troubleshooting will be somewhat limited because only part of the information needed for performance measurements by the analyzer is encrypted. Each Data frame\\'s MAC header will be encrypted, but the PLCP header can still be decoded successfully.

C. As long as you load the proprietary software codec onto your analyzer computer, you will be able to see all of the Data frame information fully decoded. Loading the proprietary software codec will allow you to troubleshoot the WLAN as though no encryption were in use.

D. In order to troubleshoot performance problems on a network using proprietary encryption protocols like this one, you must use a wireless protocol analyzer that has integrated support for the protocol in use.

Correct Answer: A

QUESTION 5

Given: Your network consists of HT and ERP access points, and you are implementing VoWiFi with support for U-APSD.

When an ERP handset operating in WMM Power Save mode with a ReceiveDTIMs parameter of TRUE receives a Beacon containing a DTIM indicating queued broadcast traffic, what task is the handset required to perform?

A. The handset must send a PS-Poll frame to the access point for every broadcast frame it receives with the More Data bit set to one.

B. The handset must arbitrate for the medium and immediately issue an RTS directed to the access point with the NAV set to a value of 32,768.

C. The handset must broadcast a CTS-to-Self frame indicating the station\\'s need to control the medium long enough to receive all of the broadcast frames.

D. The handset is to remain awake to receive the broadcast frame(s) following the Beacon that contains the DTIM.

Correct Answer: D