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**Exam : CWAP-402**

**Title : Certified Wireless Analysis  
Professional**

**Version : DEMO**

1.You are troubleshooting a connection problem with a client STA. Regardless of the AP to which it attempts to connect, the connection fails. Using a wired protocol analyzer, you determine that the problem is with the 802.1X/EAP authentication to the RADIUS server.

What layer or range of layers of the OSI model revealed this information?

- A. Layer 3
- B. Layer 2
- C. Below Layer 3
- D. Above Layer 4

**Answer: A**

2.iPerf is a tool used in what category of testing?

- A. Configuration
- B. Connection
- C. Name resolution
- D. Throughput

**Answer: D**

3.You are attempting to work through a user complaint with the CWNP-recommended troubleshooting methodology.

What must be clearly identified in order to reduce the number of possible causes at step three?

- A. The user name
- B. The problem
- C. The device type
- D. The user's IP configuration

**Answer: B**

4.What action is taken automatically by 802.11 APs and client STAs as the signal strength of the link weakens in order to improve the quality of the RF communications overall?

- A. Output power is increased
- B. RSSI is increased
- C. Data rates are reduced
- D. Antenna gain is increased

**Answer: C**

5.You are explaining capacity planning to another engineer assisting you on a WLAN implementation project. As part of the explanation, you provide the following formula:  $C = B * \log_2(1 + S/N)$ .

What does this formula define?

- A. Bandwidth capabilities of a channel
- B. The WEP encryption algorithm
- C. Minimum signal strength for a data rate
- D. Maximum signal strength of a channel

**Answer: A**