

### **Assignment 3**

Q1. Please refer to the following scenario:

Ben owns a coffeehouse and wants to provide wireless Internet service for his customers. Ben's network is simple and uses a single consumer-grade wireless router and a cable modem connected via a commercial cable data contract.

How can Ben provide access control for his customers without having to provision user IDs before they connect while also gathering useful contact information for his business purposes?

- A. WPA2-PSK.
- B. A captive portal.
- C. Require customers to use a publicly posted password like "BensCoffee".
- D. WPA3 SAE.

Q2. Kevin is reviewing and updating the security documentation used by his organization. He would like to document some best practices for securing IoT devices that his team has developed over the past year. The practices are generalized in nature and do not cover specific devices. What type of document would be best for this purpose?

- A. Policy
- B. Standard
- C. Guideline
- D. Procedure

Q3. Tom is tuning his security monitoring tools in an attempt to reduce the number of alerts received by administrators without missing important security events. He decides to configure the system to only report failed login attempts if there are five failed attempts to access the same account within a one-hour period of time. What term best describes the technique that Tom is using?

- A. Thresholding
- B. Sampling
- C. Account lockout
- D. Clipping

Q4. Sally has been tasked with deploying an authentication, authorization, and accounting server for wireless network services in her organization and needs to avoid using proprietary technology. What technology should she select?

- A. OAuth
- B. RADIUS
- C. XTACACS
- D. OpenID Connect

Q5. An accounting clerk for Christopher's Cheesecakes does not have access to the salary information for individual employees but wanted to know the salary of a new hire. He pulled total payroll expenses for the pay period before the new person was hired and then pulled the same expenses for the following pay period. He computed the difference between those two amounts to determine the individual's salary. What type of attack occurred?

- A. Salami slicing
- B. Data diddling
- C. Inference
- D. Social engineering

Q5. Alice would like to have read permissions on an object and knows that Bob already has those rights and would like to give them to herself. Which one of the rules in the Take-Grant protection model would allow her to complete this operation if the relationship exists between Alice and Bob?

- A. Take rule
- B. Grant rule
- C. Create rule
- D. Remote rule