Sample Questions

As we discussed in class, the exam will focus on Chapters 6, 7, 8, 9 from our Mobility + textbook along with our Applied Cryptography Lecture. It would be prudent to be familiar with the Self-Test Questions at the end of each chapter. It would also be prudent to be familiar with our Applied Cryptography Lecture.

1. You are configuring an app that will be pushed out to your organization's mobile devices. The app connects to a third-party cloud-based storage service that has been contracted by the organization. Which of the following should you make sure is configured properly in the app, in order for the mobile users to successfully connect to the third-party service?
   a. **Proxy and gateway server settings**
   b. User password
   c. Device IP address
   d. Organizational software signing certificate

2. All of the following can result from jailbreaking a mobile device, EXCEPT:
   a. Bricking the device
   b. Root-level access
   c. Unauthorized functionality
   d. **Replacement device from the manufacturer after it is rendered unusable**

3. You've decided to identify the agent who initiated a particular transfer. What is the best way to do this?
   a. Having the agent encrypt the message with his private key.
   b. Having the agent encrypt the hash with his public key.
   c. Having the agent encrypt the message with his symmetric key.
   d. **Having the agent encrypt the hash with his private key.**

4. Which of the following doesn't contribute to stronger cryptography?
   a. Increased key length
   b. **Unknown algorithm**
   c. Publicly tested algorithm
   d. Larger key space

5. Your manager has asked you to write a business continuity plan. Which of the following represents the first step in plan development?
   a. Data backup policy
   b. Alternate site selection
   c. Disaster recovery plan
   d. **Business impact analysis**