

SENG2250/6250 System and Network Security

Self-Quiz Week 4, Semester 2, 2020

True/False Questions.

1. User authentication is typically based on something the user knows, is, or has.
2. In general, secret information is compulsory for user identification.
3. For good practice, we can choose a very strong password like **jw3U&0]Rm5tb0@Xo** so an adversary can never guess the password.
4. Salt is a random component used to distinguish identical passwords.
5. Hash chain based authentication protocol is under threat by Denial-of-Service attacks (DoS) without using overwhelming network traffic.

Short-Answer Questions

6. What are the differences between the identification and verification mode of biometric authentication?
7. What is a common client attack of user authentication? What are the countermeasures?