

QUIZ FOR LECTURE 1

- Content of the Quiz: Lecture 1
- Quiz will be accounted for 30% of final grade

Select the correct answer or fill the gaps

1. _____ is verifying that users are who they say they are and that each input arriving at the system came from a trusted source.

- ☒ A. Authenticity B. Accountability
C. Integrity D. Confidentiality

2. _____ assures that systems work promptly and service is not denied to authorized users.

- A. Integrity ☒ B. Availability
C. System integrity D. Data confidentiality

3. _____ assures that a system performs its intended function in an unimpaired manner, free from deliberate or inadvertent unauthorized manipulation of the system.

- A. Data confidentiality B. Availability
☒ C. System integrity D. Privacy

4. _____ attacks attempt to alter system resources or affect their operation.

- ☒ A. Active B. Release of message content
C. Passive D. Traffic analysis

5. A _____ takes place when one entity pretends to be a different entity.

- A. passive attack ☒ B. masquerade
C. modification of message D. replay

6. Notarization is a security mechanism that involves the use of a trusted third party to assure certain properties of a data exchange.

7. Traffic padding is a security mechanism that allows the insertion of bits into gaps in a data stream to frustrate traffic analysis attempts.

8. What do you expect from the course?

I expect to build a strong foundation in cryptography, and help me see how these concepts can be applied in real systems

- Q1-Q5: 10 points for each correct answer
- Q6-Q7: 20 points for each correct answer
- Q8: 10 points if any answer is given