

Week 06 : Assignment 06

Your last recorded submission was on 2024-09-01, 21:49 IST

Due date: 2024-09-04, 23:59 IST.

1) Interception is considered as an attack on

1 point

- ☒ a) Confidentiality
- ☐ b) Availability
- ☐ c) Integrity
- ☐ d) Authenticity

2) Find the correct statement(s):

1 point

- ☒ a) Different types of cloud computing service models provide different levels of security services
- ☒ b) Adapting your on-premises systems to a cloud model requires that you determine what security mechanisms are required and mapping those to controls that exist in your chosen cloud service provider
- ☒ c) Data should be transferred and stored in an encrypted format for security purpose
- ☐ d) All are incorrect statements

3) Which of the following is/are example(s) of passive attack?

1 point

- ☐ a) Replay
- ☐ b) Denial of service
- ☒ c) Traffic analysis
- ☐ d) Masquerade

4) Modification is considered as an attack on

1 point

- ☐ (a) Confidentiality
- ☐ (b) Availability
- ☒ (c) Integrity
- ☐ (d) Authenticity

5) Spoofing is not an example of

1 point

- ☐ (a) Deception
- ☒ (b) Disclosure
- ☐ (c) Usurpation
- ☒ (d) Disruption

6) Consider the following statements:

1 point

Statement I: Authorization is the identification of legitimate users.

Statement II: Integrity is the protection against data alteration/corruption.

Identify the correct options:

- ☐ a) Statement I is TRUE and statement II is FALSE.
- ☒ b) Statement I is FALSE and statement II is TRUE.
- ☐ c) Both statements are TRUE.
- ☐ d) Both statements are FALSE.

7) Access policy control refers to

1 point

- ☒ a) Cyclic Inheritance Control
- ☐ b) Virus Attack
- ☒ c) Violation of SoD (separation of duties) Constraint
- ☐ d) Man in the middle attack

8) Which of the options is/are considered as the basic components of security?

1 point

- ☒ a) Confidentiality
- ☒ b) Integrity
- ☐ c) Reliability
- ☐ d) Efficiency

☐ d) Efficiency

9) Which of the following is/are not a type of passive attack?

1 point

☐ a) Traffic Analysis

☐ b) Release of message contents

☒ c) Denial of service

☒ d) Replay

10) Side channel exploitation has the potential to extract RSA & AES secret keys

1 point

☒ a) True

☐ b) False