

X

NPTEL

reviewer1@nptel.iitm.ac.in ▼

Courses » Information security - IV Announcements **Course** Ask a Question Progress Mentor

Unit 3 - Week - 1

Course outline

Week - 0 Practice Quizzes

Week - 1

- WISE Gen and The IT Revolution-1
- WISE Gen and The IT Revolution-1 (Contd.)
- WISE GEN - Next Step
- Network Security : A Recap
- Symmetric Key Cryptography and Digital Signatures
- Basic Network Security Components
- Quiz : Assginment - 1
- Week - 1 Feedback

Week - 2

Week - 3

Week 4

Week 5

Week 6

Week 7

Week 8

DOWNLOAD VIDEOS

Assginment - 1

The due date for submitting this assignment has passed. **Due on 2018-02-21, 23:59 IST.**

Submitted assignment

1) Information security system must be protected. In case of an attack, it must: **1 point**

- Shutdown once the attack is confirmed
- Provide enough information to assess the damage caused by the attack.
- do nothing
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Provide enough information to assess the damage caused by the attack.

2) Choose the most appropriate answer. Assessing, analyzing and investigating the damage caused by an information security breach is called _____. **1 point**

- Forensics
- Information flow analysis
- Security Assessment
- Security Audit

No, the answer is incorrect.

Score: 0

Accepted Answers:

Forensics

3) In the TTT example, where the company was closed down due to losses, who is to be blamed for the security breach? **1 point**

- People
- Technology
- Process
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

People

4) When a product or software is given free of cost, an information security aware person would: **1 point**

- immediately buy it
- stay away from it

- read the terms and conditions document thoroughly
- ask a friend to buy it

No, the answer is incorrect.

Score: 0

Accepted Answers:

read the terms and conditions document thoroughly

5) Which of the following is the responsibility of the head of the IT infrastructure?

1 point

- Choosing the right hardware
- Choosing the right software
- Choosing the right vendor
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of the above

6) The "trust" relation between a vendor and a purchasing customer is:

1 point

- symmetric
- Transitive
- Context dependent
- Invariant with time

No, the answer is incorrect.

Score: 0

Accepted Answers:

Context dependent

7) When A sent a message to B, it was accidentally sent to many other people. This is a violation of

1 point

- Message Integrity
- Authentication
- Confidentiality
- Insufficient information to answer this question.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Insufficient information to answer this question.

8) B received a message from A, it can neither confirm if A sent it nor ascertain that the message was untampered. The two are violations of

1 point

- Confidentiality and Authentication
- Confidentiality and Message integrity
- Authentication and Message integrity
- Authentication and Availability

No, the answer is incorrect.

Score: 0

Accepted Answers:

Authentication and Message integrity

9) For symmetric key cryptography to work between Alice and Bob, they need to use

1 point

- the same encryption/decryption algorithms
- the same keys
- Both a and b
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both a and b

10) The major challenge in symmetric key cryptography is the method used for installing the keys **1 point** at Alice and Bob. State true or false.

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

11) Firewall can be used to configure rules for:

1 point

- Filtering packets entering an organization
- Filtering packets exiting the organization
- both a and b
- None of the above.

No, the answer is incorrect.

Score: 0

Accepted Answers:

both a and b

12) A Firewall that prevents SYN-Flooding attack works at _____ level.

1 point

- Application level
- Packet-Filtering level
- Both a and b
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Packet-Filtering level

Previous Page

End

Powered by

