

Unit 8 - Week 6

Course outline

How does an NPTEL online course work?

Week 0 Assignment 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Lecture 26: Cloud Computing: Security I

Lecture 27: Cloud Computing: Security II

Lecture 28: Cloud Computing: Security III

Lecture 29: Cloud Computing: Security Issues in Collaborative SaaS Cloud

Lecture 30: Cloud Computing: Broker for Cloud Marketplace

Lecture material of Week 6

Quiz : Week 6 Assignment 6

Week 6 Feedback Form

Week 7

Week 8

Text Transcripts

Books

Detail Solution

Live Interactive Session

Week 6 Assignment 6

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-04-08, 23:59 IST.

1) Spoofing is an example of

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

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)
- (c)

1 point

2) Which of the options is/are the basic components of security?

- (a) Confidentiality
- (b) Integrity
- (c) Reliability
- (d) Efficiency

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)
- (b)

1 point

3)

| | |
|-------------------|--------------------------------|
| A: Passive Attack | 1- Traffic Analysis |
| B: Active Attack | 2- Denial of Service |
| | 3- Release of message contents |
| | 4- Replay |

- (a) A-1 & 2, B-3 & 4
- (b) A-1 & 4, B - 3 & 2
- (c) A-1 & 3, B - 2 & 4
- (d) A-1, 2 & 3, B - 4

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (c)

1 point

4) **Statement 1:** Access policy control refers to Violation of SoD Constraint and Cyclic Inheritance Control

Statement 2:Modification security attack is an attack on Confidentiality

- (a) Statement 1 is True and Statement 2 is False
- (b) Statement 1 is False and Statement 2 is True
- (c) Both are True
- (d) Both are False

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)

1 point

5) The sufficient condition to detect SoD constraint violation is:

- a) At least one exit role
- b) Current entry role is senior to at least one exit role
- c) Current entry role and at least one exit roles form the conflicting pair

- ☐ a)
- ☐ b)
- ☐ c)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- c)

1 point

6) Interception security attack is an attack on

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

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)

1 point

7) In para-virtualization, VMs run on hypervisor that interacts with the hardware.

- a) True
- b) False

- ☐ a)
- ☐ b)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- b)

1 point

8) Different types of cloud computing service models provide different levels of security services

- (a) TRUE
- (b) FALSE

- ☐ (a)
- ☐ (b)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)

1 point

9) Fabrication security attack is an attack on

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

- ☐ a)
- ☐ b)
- ☐ c)
- ☐ d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- d)

1 point

10) **Statement 1:** Any distributed application has a much greater attack surface than an application that is closely held on a Local Area Network

Statement 2: Reliability and Efficiency are basic components of security

- (a) Statement 1 is True and Statement 2 is False
- (b) Statement 1 is False and Statement 2 is True
- (c) Both are True
- (d) Both are False

- ☐ (a)
- ☐ (b)
- ☐ (c)
- ☐ (d)

No, the answer is incorrect.

Score: 0

Accepted Answers:

- (a)

1 point