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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Cloud computing (course)**

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs20/preview) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

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 (unit?
unit=36&lesson=37)

Week 6 Assignment 6

The due date for submitting this assignment has passed. **Due on 2020-04-08, 23:59 IST.**

Assignment submitted on 2020-04-07, 00:08 IST

1) Spoofing is an example of

1 point

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

☒ (a)

☐ (b)

☒ (c)

☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

(c)

○ Lecture 27:
Cloud
Computing:
Security II (unit?
unit=36&lesson=38)

○ Lecture 28:
Cloud
Computing:
Security III
(unit?
unit=36&lesson=39)

○ Lecture 29:
Cloud
Computing:
Security Issues
in Collaborative
SaaS Cloud
(unit?
unit=36&lesson=40)

○ Lecture 30:
Cloud
Computing:
Broker for
Cloud
Marketplace
(unit?
unit=36&lesson=41)

○ Lecture
material of
Week 6 (unit?
unit=36&lesson=42)

● Quiz : Week 6
Assignment 6
(assessment?
name=106)

○ Week 6
Feedback Form
(unit?
unit=36&lesson=108)

Week 7

Week 8

Text Transcripts

Books

Detail Solution

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

1 point

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

☒ (a)

☒ (b)

☐ (c)

☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

(b)

3)

1 point

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)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(c)

4)

1 point

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)

**Live Interactive
Session**

- ☐ (b)
☐ (c)
☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

5)

1 point

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)

Yes, the answer is correct.

Score: 1

Accepted Answers:

c)

6)

Interception security attack is an attack on

1 point

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

- ☒ (a)
☐ (b)
☐ (c)
☐ (d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

7)

1 point

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

- a) True
b) False

- ☐ a)
☒ b)

Yes, the answer is correct.

Score: 1

Accepted Answers:

b)

8)

1 point

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

(a) TRUE

(b) FALSE

☒ (a)

☐ (b)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

9)

Fabrication security attack is an attack on

1 point

a) Confidentiality

b) Availability

c) Integrity

d) Authenticity

☐ a)

☐ b)

☐ c)

☒ d)

Yes, the answer is correct.

Score: 1

Accepted Answers:

d)

10)

1 point

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)

Yes, the answer is correct.

Score: 1

Accepted Answers:

(a)

