

Quiz 3

Due Jan 20 at 11:59pm	Points 15	Questions 10
Available Jan 19 at 12pm - Jan 20 at 11:59pm	Time Limit 30 Minutes	

Instructions

This quiz covers MO 1, MO 2, and MO 3 of Module 2:

- MO 1. Identify examples of various types of integrity (data integrity, origin integrity or authentication, and assurance) (CO 2)
- MO 2. Identify examples of various types of availability (traditional availability and QoS) (CO 2)
- MO 3. Define three types of access control (CO 6)

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	16 minutes	15 out of 15

⚠️ Correct answers are hidden.

Score for this quiz: **15** out of 15

Submitted Jan 19 at 2:10pm

This attempt took 16 minutes.

Question 1	2 / 2 pts
Which of the following is the correct definition of ORCON?	



Individual user sets access control mechanism to allow or deny access to an object



Creator of information controls who can access information



System mechanism controls access to object, and individual cannot alter that access



Function controls access to an object

Question 2

2 / 2 pts

Which of the following is the correct definition of Discretionary Access Control?



Individual user sets access control mechanism to allow or deny access to an object



Creator of information controls who can access information



Function controls access to an object



System mechanism controls access to object, and individual cannot alter that access

Question 3

2 / 2 pts

Which of the following is the correct definition of Mandatory Access Control?

☐

Individual user sets access control mechanism to allow or deny access to an object

☐

Function controls access to an object

☒

System mechanism controls access to object, and individual cannot alter that access

☐

Creator of information controls who can access information

Question 4

1 / 1 pts

Identity-based access control is also called discretionary access control

☒

True

☐

False

Question 5

2 / 2 pts

Suppose that there is a system in which no memorandum can be distributed without the author's consent. What kind of access control policy is used in this system?

☐

Mandatory access control

- ☐ Discretionary access control
- ☐ Role-based access control
- ☒ Originator controlled access control

Question 6

2 / 2 pts

To pay an electricity bill online, the amount that a customer enters in his/her computer must be the same as the one received by the service provider. This is an example of which of the following?

- ☐ Origin integrity
- ☒ Data integrity
- ☐ Assurance
- ☐ Authentication

Question 7

1 / 1 pts

A Trojan horse application claims and appears to be a free PDF editor, but it also sends a user's documents to a malicious website unbeknownst to the user. Which of the following is lacking in this free PDF editor?

- ☐ Origin integrity
- ☐ Data integrity
- ☒ Assurance
- ☐ Storage integrity

Question 8**1 / 1 pts**

True or False: the Availability of a resource is a binary property: either the resource is completely accessible or it is completely inaccessible; there is nothing in between.

☐ True

☒ False

Question 9**1 / 1 pts**

Consider a telephone switching system that routes calls based on the telephone number requested by the caller. If another caller was able to overhear a call, this violates:

☐ Data Integrity

☐ Authentication

☒ Confidentiality

☐ Availability

Question 10**1 / 1 pts**

(True/False): An entity might have access rights that permit the entity to enable another entity to access some resource: this is Mandatory Access Control (MAC).

☐ True

☒ False

Quiz Score: **15** out of 15