

CSPB 3753 - Fall 2024 - Knox - Operating Systems

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Started on Monday, 2 December 2024, 6:48 PM

State Finished

Completed on Monday, 2 December 2024, 7:11 PM

Time taken 22 mins 41 secs

Grade 10 out of 10 (100%)

Question **1**

Correct

Mark 2 out of 2

What is OS protection?

Select one:

- ☐ a. detecting and deterring intrusions from outside
- ☐ b. activities aimed at ensuring full respect for the rights of the programs or users
- ☒ c. a mechanism for controlling access to resources by users or programs
- ☐ d. the act of protecting or the state of being protected



Your answer is correct.

The correct answer is: a mechanism for controlling access to resources by users or programs

Question **2**

Correct

Mark 2 out of 2

What is the name for a set of objects and the types of operations that may be invoked on each object?

Select one:

- ☐ a. access matrix
- ☒ b. protection domain
- ☐ c. access right
- ☐ d. protection grid



Your answer is correct.

The correct answer is: protection domain

Question **3**

Correct

Mark 2 out of 2

What is a breach of integrity?

Select one:

- ☐ a. preventing legitimate use of a system
- ☐ b. unauthorized use of system resources
- ☐ c. unauthorized destruction (delete) of data
- ☐ d. unauthorized reading (theft) of data
- ☒ e. unauthorized modification of data



Your answer is correct.

The correct answer is: unauthorized modification of data

Question 4

Correct

Mark 2 out of 2

What is a theft of service?

Select one:

- ☒ a. unauthorized use of system resources
- ☐ b. preventing legitimate use of a system
- ☐ c. unauthorized modification of data
- ☐ d. unauthorized reading (theft) of data
- ☐ e. unauthorized destruction (delete) of data



Your answer is correct.

The correct answer is: unauthorized use of system resources

Question 5

Correct

Mark 2 out of 2

How does asymmetric encryption extend symmetric encryption?

Select one:

- ☐ a. advanced encryption standard (AES) is required
- ☐ b. data encryption standard (DES) is required
- ☐ c. single key is used for encryption and decryption
- ☒ d. one key for encryption and another key for decryption



Your answer is correct.

The correct answer is: one key for encryption and another key for decryption