

# Take Test: Introduction to Security

## 🚩 Test Information

Description	This quiz is related to the material covered in Lecture 1, and the associated Week 2 tutorial.
Instructions	Each question in the quiz has a single correct answer. Select one answer for each question.
Timed Test	This test has a time limit of 10 minutes. This test will save and submit automatically when the time expires. Warnings appear when <b>half the time</b> , <b>5 minutes</b> , <b>1 minute</b> , and <b>30 seconds</b> remain.
Multiple Attempts	Not allowed. This test can only be taken once.
Force Completion	This test can be saved and resumed at any point until time has expired. The timer will continue to run if you leave the test.

Save All Answers

Close Window

Save and Submit

## QUESTION 1

1 points

✓ Saved

Preventing the unauthorised disclosure of information is a security goal known as:

- ☒ a. Confidentiality.
- ☐ b. Nonrepudiation.
- ☐ c. Integrity.
- ☐ d. Availability.

## QUESTION 2

1 points

✓ Saved

Verifying the source of a received message is known as:

- ☐ a. Data origin verification.
- ☒ b. Data origin authentication.

- ☐
- ☐ c. Nonrepudiation.
- ☐ d. Data origin protection.

### QUESTION 3

1 points

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An online business makes use of custom software designed to run on Windows XP. The managers are aware that vendor support for XP ceased in April 2014. The custom software would require modification to run on another operating system. This change is planned for next year. The continued use of Windows XP in the online business should be considered as:

- ☐ a. A threat.
- ☐ b. A passive attack.
- ☒ c. A vulnerability.
- ☐ d. An active attack.

### QUESTION 4

1 points

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In a 2015 incident, researchers demonstrated that it was possible to take control of a Jeep remotely, using a wireless connection. The researchers demonstrated the extent of their control of the vehicle by taking over vehicle control functions such as braking and acceleration. These actions by the researchers should be considered as:

- ☐ a. A threat.
- ☒ b. An active attack.
- ☐ c. A vulnerability.
- ☐ d. A passive attack.

*Click Save and Submit to save and submit. Click Save All Answers to save all answers.*

Save All Answers

Close Window

Save and Submit