# UTEx

## An toan thong tin_ Nhom 10

### Câu hỏi **41**

Câu trả lời đã được lưu

Đạt điểm 1,00

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Which types of Stack overflow that overwrite the saved instruction pointer

- ○ a.  stack buffer
- ○ b.  stack canary
- ○ c.  stack off-by-one
- ● d.  stack smash

**Clear my choice**

A stack smash is a type of stack buffer overflow that occurs when an attacker is able to overwrite the saved instruction pointer and execute arbitrary code by overflowing a buffer on the stack.

A stack off-by-one is a type of stack overflow that occurs when a program writes one byte of data past the end of a buffer on the stack. This can cause the data to overwrite the saved instruction pointer and allow an attacker to execute arbitrary code.

A stack canary is a security mechanism that is used to detect stack buffer overflows and prevent them from being exploited. It involves placing a unique value, known as a "canary," on the stack before the saved instruction pointer. If an attacker attempts to overflow the buffer and overwrite the saved instruction pointer, they will also overwrite the canary. This can be detected and used to prevent the attack from succeeding.

### Câu hỏi **42**

Câu trả lời đã được lưu

Đạt điểm 1,00

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Which of the following forms of authentication provides the strongest security?

- ● a.  Passphrase and a smart card
- ○ b.  Fingerprint
- ○ c.  Password and a PIN
- ○ d.  One-time password

**Clear my choice**

## Câu hỏi 43

Câu trả lời đã được lưu

Đạt điểm 1,00

What policies they might be enforcing in this situation: "The permissions of the file containing Carol's homework will [Thời gian còn lại 0:04:19] cheating and copying it"

Select one:

- ⦿ a.  Confidentiality and access control
- ◯ b.  Access control and integrity
- ◯ c.  Authentication and confidentiality
- ◯ d.  Confidentiality and authentication

**Clear my choice**

## Câu hỏi 44

Câu trả lời đã được lưu

Đạt điểm 1,00

What is Stack Canaries?

- ◯ a.  Stack Control
- ◯ b.  Stack Overflow
- ⦿ c.  Stack Protection
- ◯ d.  Stack Prevention

**Clear my choice**

## Câu hỏi 45

Câu trả lời đã được lưu

Đạt điểm 1,00

Jonah obtains Peter's credit card number and has the credit card company cancel the card and replace it with another card bearing a different account number

Select one:

- ◯ a.  Integrity and confidentiality
- ◯ b.  Availability and integrity
- ⦿ c.  Integrity, confidentiality and authentication
- ◯ d.  Confidentiality, integrity and availability

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Câu 6

**Clear my choice**

## Câu hỏi **46**

Câu trả lời đã được lưu

Đạt điểm 1,00

............. access controls are the hardware or software mechanisms used to manage access to resources and systems and to provide protection for those resources and systems.

Select one:

- ( • ) a.   Logical/technical
- ( ) b.   Administrative
- ( ) c.   Preventive
- ( ) d.   Physical

**Clear my choice**

## Câu hỏi **47**

Câu trả lời đã được lưu

Đạt điểm 1,00

What requirements **not** must meet in a trusted computing base ?

- ( ) a.    Verifiable
- ( ) b.   Tamperproof
- ( ) c.   Complete mediation
- ( • ) d.   Available

**Clear my choice**

## Câu hỏi **48**

Câu trả lời đã được lưu

Đạt điểm 1,00

When exploiting a buffer overflow the attacker needs...

- ( • ) a.   To understand how that buffer will be stored in the processes memory
- ( ) b.   To understand how that buffer overflow
- ( ) c.   to know the key to decrypt code
- ( ) d.   To understand how that buffer will be encrypted in the processes memory

**Clear my choice**

## Câu hỏi **49**

Câu trả lời đã được lưu

Đạt điểm 1,00

Paul crashes Linda's system. Which violation occur?

Select one:

- ● a.   Availability
- ○ b.   Confidentiality
- ○ c.   Integrity and confidentiality
- ○ d.   Integrity

**Clear my choice**

## Câu hỏi **50**

Câu trả lời đã được lưu

Đạt điểm 1,00

Which one typically points to a fixed address where the old frame pointer is stored?

- ○ a.   Register ebp
- ○ b.   esp
- ○ c.   Register esp
- ● d.   ebp

**Clear my choice**

◄ **Access Control - Reference**

Chuyển tới...

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