Cryptography Knoweldge Evaluation (After)

This form will ask you some questions about concepts convered in the cryptography quest line. It is ok if you do not know the answer. The second section will ask you about the material covered. You may withdraw from the survey at any time.

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* Required

Please enter your assigned id number *

Your answer

What is a stream cipher? *

- An algorithm that encrypts one character from the plaintext with one character from the key to form the cipher.
- An algorithm that combines a sequence of characters from the plaintext with characters from the key to form the cipher.
- I don't know

In what of the following groups does the stream cipher belong? *

- Asymmetric algorithms
- Symmetric algorithms
- Hashing algorithms
- I dont know

Pre-fill responses, then click "Get link"

To encrypt passwords, which of the the following algorithms would you use? *

- ◯ Advanced Encryption Standard (AES)
- ◯ Rivest–Shamir–Adleman (RSA)
- ◯ bcrypt
- ◯ I don't know

To establish a secure way of communicating between two parties, which algorithms are used to accomplish this? *

- ◯ Hashing algorithms and asymmetric algorithms
- ◯ Asymmetric algorithms and symmetric algorithms
- ◯ Hashing algorithms and symmetric algorithms
- ◯ I don't know

What key is used to encrypt a message in asymmetric cryptography? *

- ◯ Private key
- ◯ Public key
- ◯ Both
- ◯ I don't know

Pre-fill responses, then click "Get link"

What key is used to decrypt a message in asymmetric cryptography? *

- ◯ Private key
- ◯ Public key
- ◯ Both
- ◯ I don't know

What key should be used to encrypt a message when using symmetric cryptography? *

- ◯ A password
- ◯ A public key
- ◯ A randomly generated key
- ◯ I don't know

Among the following hashing algorithms, which one is outdated? *

- ◯ bcrypt
- ◯ MD5
- ◯ SHA-2
- ◯ I don't know

Pre-fill responses, then click "Get link"

Among the following symmetric algorithms, which one is outdated?

- ○ DES
- ○ AES
- ○ I don't know

Please select among the following options what could potentially be a serious vulnerability in a cryptographic implementation *

- ☐ Disclosing the workings of a widely known cryptographic algorithm
- ☐ Keeping the plaintext that has just been encrypted
- ☐ Storing the encryption key in plaintext
- ☐ Building a random number generator yourself
- ☐ Using outdated algorithms
- ☐ Using well-documented cryptographic APIs
- ☐ Disclosing a private key used in asymmetric cryptography
- ☐ Writing your own cryptographic algorithm
- ☐ I don't know

The game as a complement to the CSF course

This section will ask you questions about the way this game complements the material in the Cyber Security Fundamentals Course.

Pre-fill responses, then click "Get link"

By how much has your knoweldge of cryptography improved? *

	1	2	3	4	5	6	7	8	9	10	
Not at all	○	○	○	○	○	○	○	○	○	○	A lot

What did you already know about cryptography before playing the game? *

Your answer

What do you know now about cryptography after playing the game? *

Your answer

Do you think this game is a good supplement to the Cyber Security Fundamentals (CSF) Course?

	1	2	3	4	5	6	7	8	9	10	
Bad supplement	○	○	○	○	○	○	○	○	○	○	Excellent supplement

Can you explain your answer to the previous question? *

Your answer

Pre-fill responses, then click "Get link"

Do you regulary attend the Cyber Security Fundamentals lectures? *

- Yes
- No

Did this game improve your understanding of cryptography regarding to the material covered in lectures? *

- Yes
- No
- A mix of both

What do you understand better now? What do you not understand? *

Your answer

Did the game create any confusion between the material it presented and the material presented in the lectures *

- Yes
- No

If yes, what confused you?

Your answer

Pre-fill responses, then click "Get link"

What material you wish was covered in the cryptography questline? *

Your answer

How likely are you to recommend this game to your classmates to enhance their understanding of cryptography? *

	1	2	3	4	5	6	7	8	9	10	
Not likely at all	○	○	○	○	○	○	○	○	○	○	Extremely likely

Get link

Pre-fill responses, then click "Get link"