ESCAPE:

Preparing healthcare professionals for cyberattacks

Puzzles for learners

The Cybersecurity Lab

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cyber Defense Challenge	
Language	English

Table of contents

1. Name of the material and description..... 3
2. Classification..... 3
3. Description..... 4
4. More information..... 4

Co-funded by the European Union

The project "ESCAPE: preparing healthcare professionals for cyberattacks" is co-funded by the European Union. The opinions and viewpoints expressed in this minute meeting solely commit to their author(s) (ESCAPE consortium) and do not necessarily reflect those of the European Union or the Servicio Español para la Internacionalización de la Educación (SEPIE). Neither the European Union nor the National Agency SEPIE can be held responsible for them.

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cyber Defense Challenge	
Language	English

1. Name of the puzzle and description

The Cybersecurity Lab

Cybersecurity Lab is an interactive game by PBS NOVA where players take on the role of a cybersecurity expert. The goal is to protect a virtual network from hacker attacks, strengthen system defenses, and learn how online threats work through realistic scenarios and strategic decision-making.

2. Classification

Category	Mark if applies
Sector	☐ Healthcare
	☑ General
Topics covered	☑ Cybersecurity
	☑ Data protection
Situation type	☑ Prevention
	☐ Impact (i.e. when it is occurring or has occurred) on patient care.
	☐ Impact on all other activities not involving direct patient care.
Language of the original materials	☐ Dutch
	☑ English
	☐ German
	☐ Italian

Co-funded by the European Union

The project "ESCAPE: preparing healthcare professionals for cyberattacks" is co-funded by the European Union. The opinions and viewpoints expressed in this minute meeting solely commit to their author(s) (ESCAPE consortium) and do not necessarily reflect those of the European Union or the Servicio Español para la Internacionalización de la Educación (SEPIE). Neither the European Union nor the National Agency SEPIE can be held responsible for them.

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cyber Defense Challenge	
Language	English

	☐ Spanish
Type of the material	☑ Quiz questions
	☑ Games
	☐ Applications & interactive videos
	☐ Checklists

3. Description

1. What you should always check in order to identify a fake interface?
   a. The browser you use to surf the Internet
   b. The pop-up ads that might appear
   c. The padlock on the top left side of the screen
   d. The padlock and the https for a secure surfing time

Right Answer: d) The padlock and the https for a secure surfing time

Feedback: It's necessary to always check the https to be written that way so you understand if website is original.

2. You do not recall the given information?

   a. Trust the process you will remember

   b. It's an alert that something is not right so pay attention to

   c. You keep on following the orders

Co-funded by the European Union

The project "ESCAPE: preparing healthcare professionals for cyberattacks" is co-funded by the European Union. The opinions and viewpoints expressed in this minute meeting solely commit to their author(s) (ESCAPE consortium) and do not necessarily reflect those of the European Union or the Servicio Español para la Internacionalización de la Educación (SEPIE). Neither the European Union nor the National Agency SEPIE can be held responsible for them.

Right Answer: b) It's an alert that something is not right so pay attention to

Feedback: It's your mind's signal to slow down, refocus, and pay closer attention.

3. Which of the following is the strongest password?
   a) "Password"
   b) "Yourdogname1"
   c) "Your_doG!123"
   d) "yourname1"

Right Answer: c) "Your_doG!123"

Feedback: Always prefer to use plenty of symbols, letters and numbers coded so that you make it difficult tobe stolen.

4. Which of the following is the safest reaction when someone calls and asks for your personal card information?
   a) Give the information immediately to solve the issue quickly
   b) Tell them you will call back and ask for their phone number
   c) Refuse to share any details and hang up the call
   d) Give only part of the card number to be safe

Right Answer: c) Refuse to share any details and hang up the call.

Feedback: Never share personal or financial information over the phone. Scammers often pretend to be from trusted organizations. Always hang up and contact your bank directly using official contact details.

5. Can an official web browser interface contain spelling or grammar mistakes?
   a) Yes
   b) No

Co-funded by the European Union

The project "ESCAPE: preparing healthcare professionals for cyberattacks" is co-funded by the European Union. The opinions and viewpoints expressed in this minute meeting solely commit to their author(s) (ESCAPE consortium) and do not necessarily reflect those of the European Union or the Servicio Español para la Internacionalización de la Educación (SEPIE). Neither the European Union nor the National Agency SEPIE can be held responsible for them.

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cyber Defense Challenge	
Language	English

Right Answer: b) No

Feedback: Trusted browsers like Chrome, Safari, or Firefox are professionally developed and proofread. If you see typos or strange wording, it could be a fake website or a scam message pretending to be your browser.

4. More information

Source: https://www.pbs.org/wgbh/nova/labs/lab/cyber/1/1/

Co-funded by the European Union

The project "ESCAPE: preparing healthcare professionals for cyberattacks" is co-funded by the European Union. The opinions and viewpoints expressed in this minute meeting solely commit to their author(s) (ESCAPE consortium) and do not necessarily reflect those of the European Union or the Servicio Español para la Internacionalización de la Educación (SEPIE). Neither the European Union nor the National Agency SEPIE can be held responsible for them.