

!!  
**CYBERSECURITY,**

→  
**MY FUTURE CAREER**





# **CAREER**

## **in CYBERSECURITY**

# WHY DOES CYBERSECURITY CONCERN US ALL?



[SOURCE](#)

# WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

SOURCE



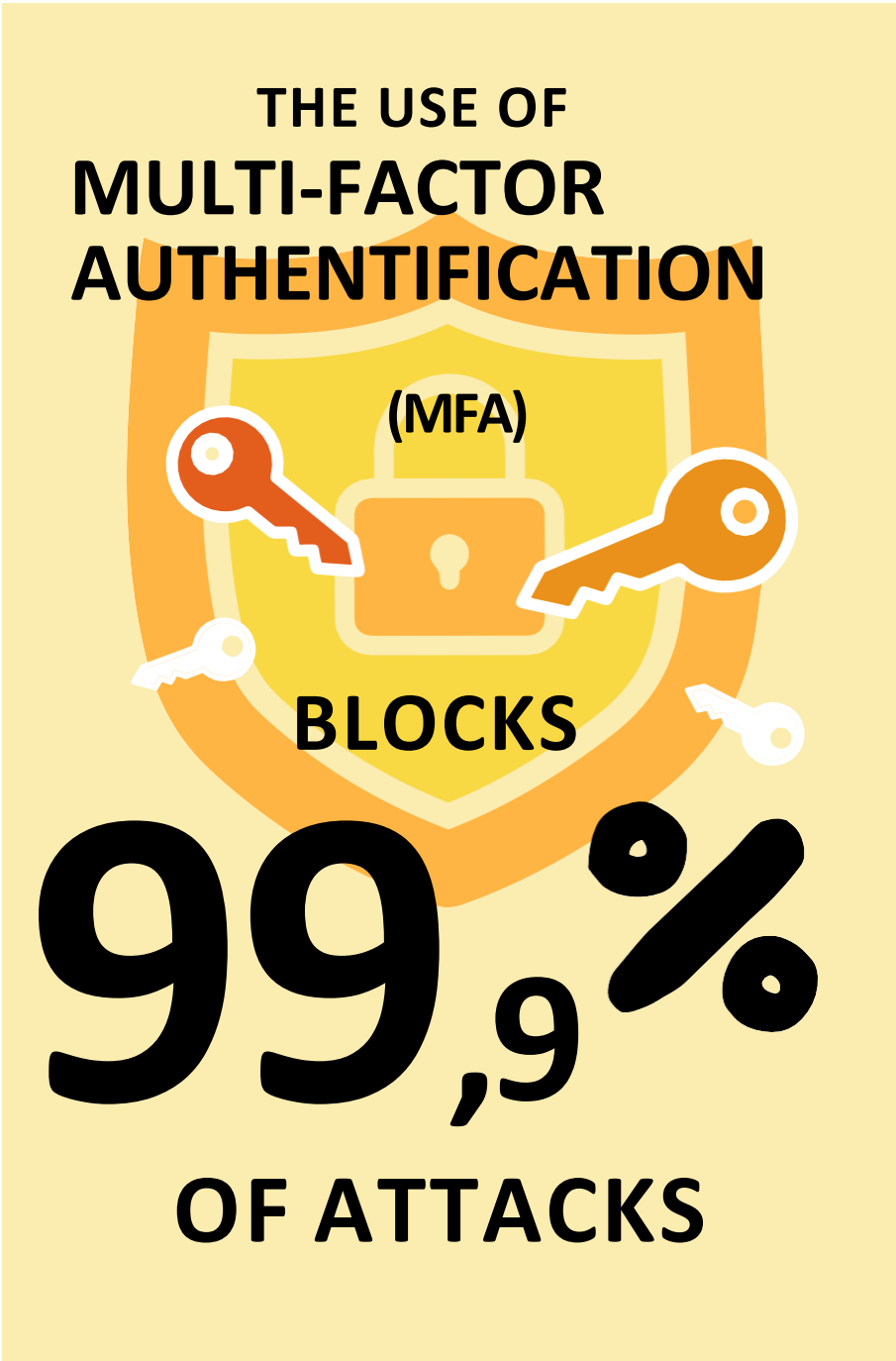
# WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE



SOURCE



SOURCE

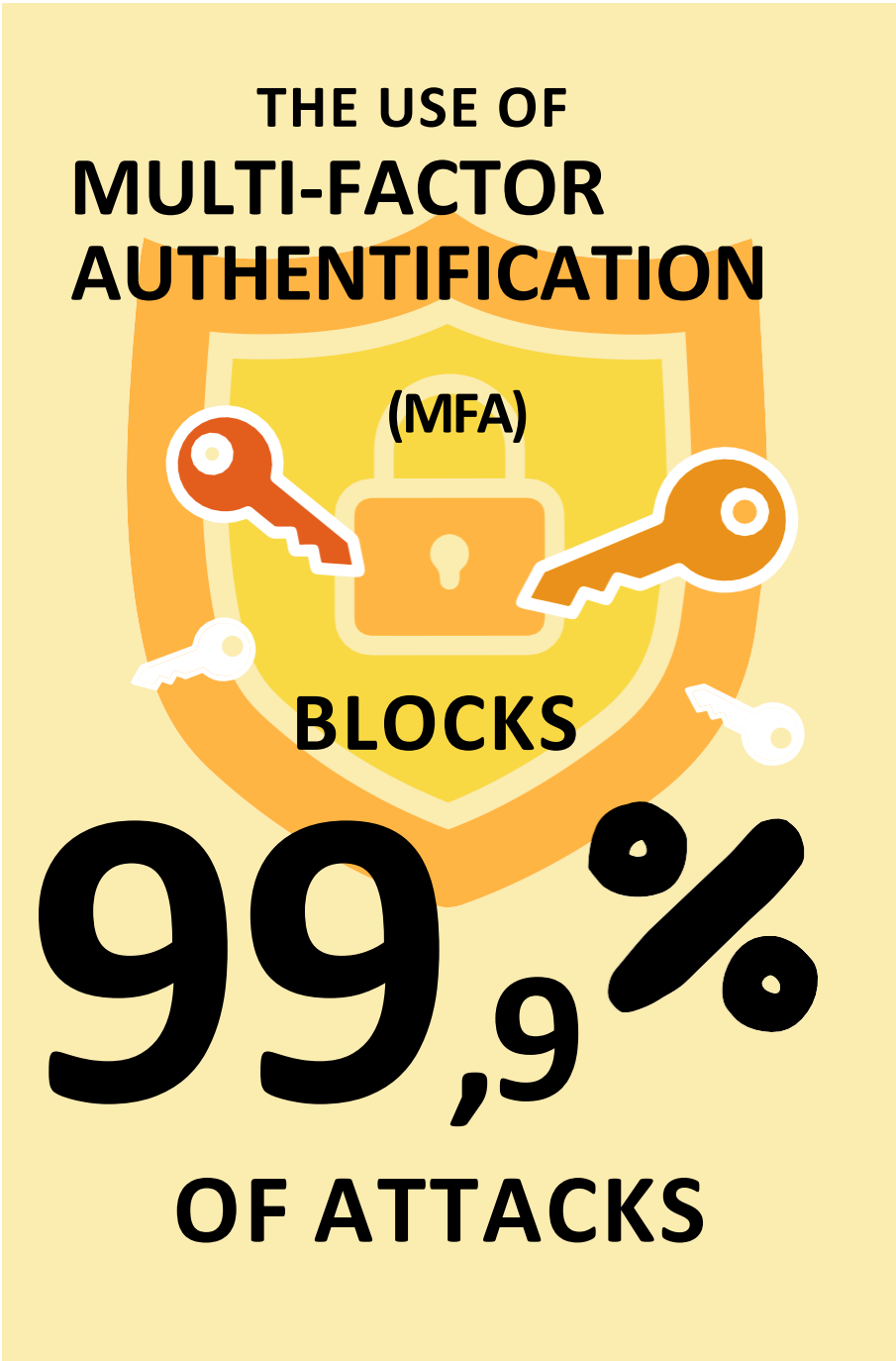
# WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE



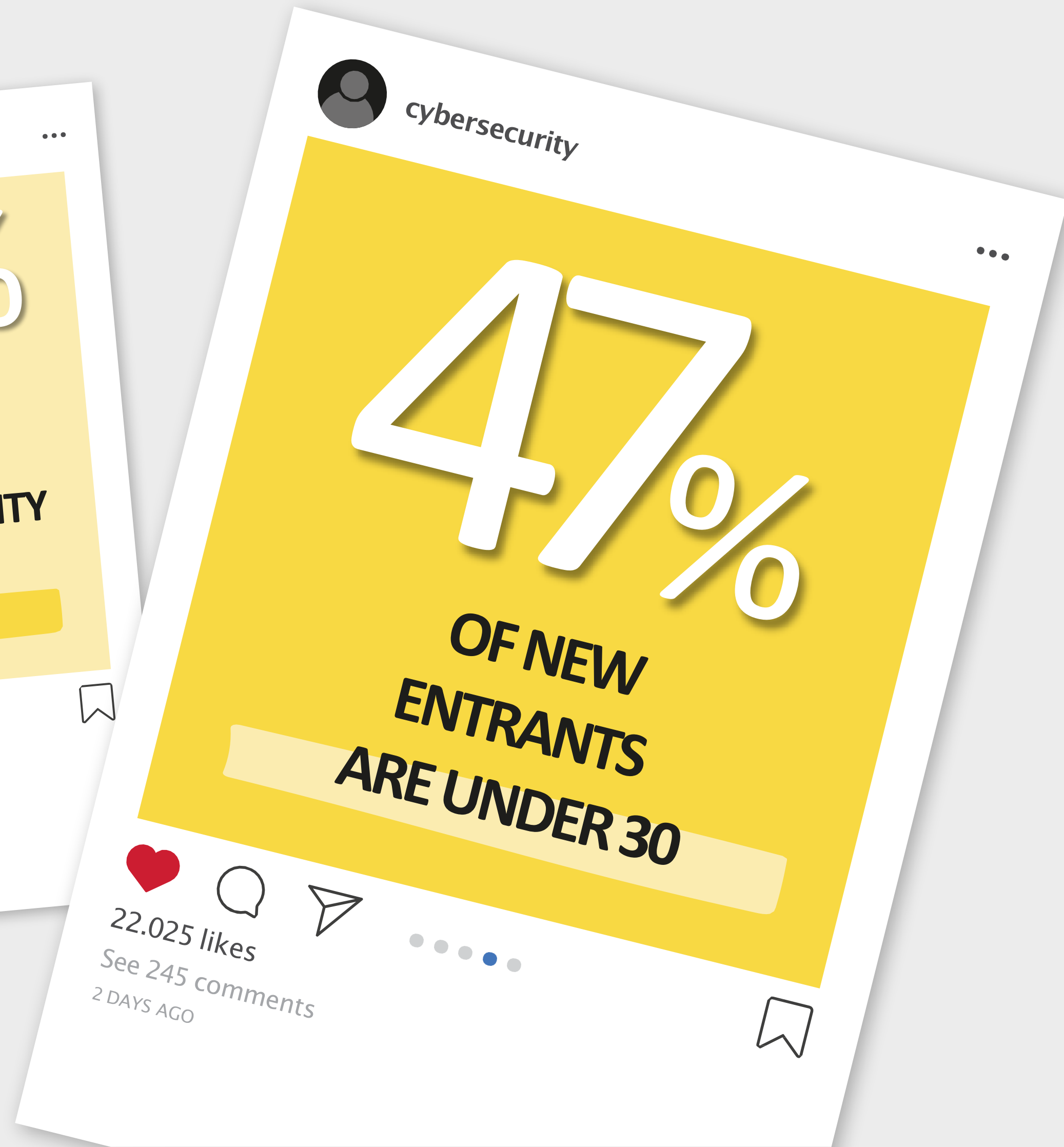
SOURCE



SOURCE



SOURCE







ACTIVITY 1  
**CYBER**  
**GESTURES**





**GOOD IDEA OR NOT?**

## ACTIVITY 1

Do you think that a good password can be **used for several services** (mailboxes, social networks, bank, e-commerce sites, administrations...)?

**A** Yes, when the services have nothing to do with each other

**B** Yes, but only if the password contains special characters

**C** No, each service must have a different password

## ACTIVITY 1

Do you think that a good password can be **used for several services** (mailboxes, social networks, bank, e-commerce sites, administrations...)?

**A** Yes, when the services have nothing to do with each other

**B** Yes, but only if the password contains special characters

**C** No, each service must have a different password



## ACTIVITY 1

You receive an email about the **closure of your Instagram account**. This email contains the Instagram logo and an attachment. You:

**A** Open the attachment to learn more

**B** Hesitate to pen the attachment but be reassured by the Instagram logo

**C** Do not open the attachment and you log in directly to your account

## ACTIVITY 1

You receive an email about the **closure of your Instagram account**. This email contains the Instagram logo and an attachment. You:

**A** Open the attachment to learn more

**B** Hesitate to pen the attachment but be reassured by the Instagram logo

**C** Do not open the attachment and you log in directly to your account

## ACTIVITY 1

You receive a text message telling you that **your package is arriving but that you need to update your delivery details**. You:

**A** Click on the link contained in the SMS

**B** Do nothing

**C** Call the shipper's phone number

## ACTIVITY 1



You receive a text message telling you that **your package is arriving but that you need to update your delivery details**. You:

**A** Click on the link contained in the SMS

**B** Do nothing



**C** Call the shipper's phone number



## ACTIVITY 1



You receive an email informing you that photos in which you are tagged are available. The website asks you to enter your Facebook username and password. It seems that the website has a legitimate certificate with a padlock next to the address bar.

**You enter your username and password on the website.**

Is this a good idea or not?

**A** Yes

**B** No

## ACTIVITY 1

You receive an email informing you that photos in which you are tagged are available. The website asks you to enter your Facebook username and password. It seems that the website has a legitimate certificate with a padlock next to the address bar.

**You enter your username and password on the website.**

Is this a good idea or not?

A Yes

B No



What should you do if a **message appears on your screen blocking your computer**, indicating a serious technical problem, a risk of losing your data or the presence of numerous viruses?

**A** Do nothing

**B** Contact technical support at the number indicated  
on the error message

**C** Attempt to restart your computer and, if the problem  
persists, ask a friend for help

## ACTIVITY 1

What should you do if a **message appears on your screen blocking your computer**, indicating a serious technical problem, a risk of losing your data or the presence of numerous viruses?

**A** Do nothing

**B** Contact technical support at the number indicated on the error message

**C** Attempt to restart your computer and, if the problem persists, ask a friend for help



## ACTIVITY 1



You are at the airport before boarding your flight. You have no battery on your phone. There are public computers available for passengers to surf the Internet. You want to pass the time and go on your favourite social network.

**You launch a browser in private mode, then you authenticate yourself with your password to access your profile.**  
Is it safe?

**A** Yes

**B** No

## ACTIVITY 1



You are at the airport before boarding your flight. You have no battery on your phone. There are public computers available for passengers to surf the Internet. You want to pass the time and go on your favourite social network.

**You launch a browser in private mode, then you authenticate yourself with your password to access your profile.**  
Is it safe?

**A** Yes

**B** No



# FOR GOOD DIGITAL HYGIENE

CISA  
4 Things  
You Can Do  
To Keep  
Yourself  
Cyber Safe

- ◆ Choose your passwords carefully
- ◆ Regularly install updates on your devices
- ◆ Make **regular** backups of your data
- ◆ **Securing** your Wi-Fi access
- ◆ Be as **careful** with your smartphone or tablet as with your computer
- ◆ Be **careful** when using your email
- ◆ Download your apps from the **official websites**
- ◆ Be **vigilant** when paying on the Internet
- ◆ **Taking care of your personal and professional** information and your digital identity





## A GESTURE TO REMEMBER

**GET INTO THE HABIT OF LOCKING THE SCREEN OF YOUR DEVICES WHEN YOU ARE AWAY FROM THEM TO PREVENT UNAUTHORISED ACCESS, ESPECIALLY TO PREVENT IN CASE THEY ARE LOST OR STOLEN.**

## ACTIVITY 2

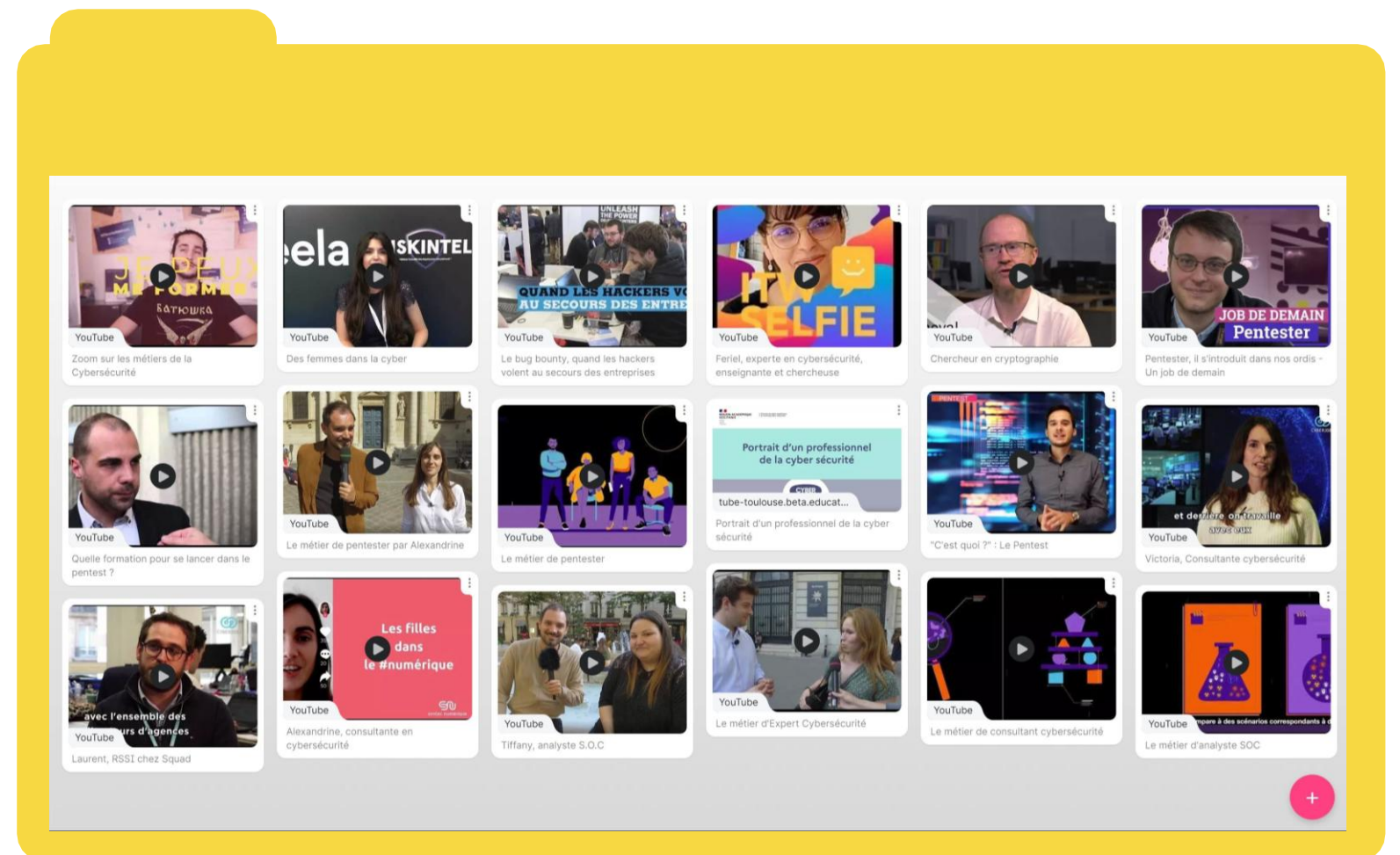
**I AM NOT A HACKER AND  
YET I WORK IN CYBER  
SECURITY**



# WHAT DOES YOUR JOB INVOLVE?



- How did you get into cybersecurity?
- What do you like about your job?
- What is a typical day in cybersecurity like?
- Do you need to speak English to do your job?
- Have you ever been a victim of a virus or phishing attack?
- What are your three cybersecurity tips?
- What would you say to young people who are hesitating to get into cybersecurity?





**SHAKING UP PRECONCEIVED**  
**IDEAS ABOUT THE**  
**CYBERSECURITY PROFESSION**

TRUE OR FALSE?

**IT'S A SECTOR THAT RECRUITS A  
LOT**

TRUE OR FALSE?

**IT'S A SECTOR THAT RECRUITS A  
LOT**

Yes, the cybersecurity sector is recruiting a lot and around the world. There is a shortage of talent in the cybersecurity field with several million vacancies worldwide.

TRUE OR FALSE?

**TO WORK IN  
CYBERSECURITY YOU NEED  
TO BE AN ENGINEER**



TRUE **FALSE** SE?

# TO WORK IN CYBERSECURITY YOU NEED TO BE AN ENGINEER

No, working in cybersecurity does not necessarily mean being an engineer. There are also non-technical jobs, such as awareness-raising and all the cybersecurity jobs involving commercial and legal aspects.

TRUE OR FALSE?

**CYBERSECURITY  
MEANS BEING GOOD  
AT MATH**

TRUE **FALSE** SE?

# CYBERSECURITY MEANS BEING GOOD AT MATH

Cybersecurity is all about common sense, critical thinking and knowledge. This does not mean that you should not be good at maths!

TRUE OR FALSE?

**THESE ARE JOBS WHERE  
YOU HAVE TO KNOW  
HOW TO CODE**

**FALSE**  
TRUE OR FALSE?

# THESE ARE JOBS WHERE YOU HAVE TO KNOW HOW TO CODE

Cybersecurity encompasses many fields, and it is therefore difficult to give a general answer. Some cybersecurity jobs do require the ability to code, such as security solutions developer or technical security auditor. Others, on the other hand, do not, such as cybersecurity consultant or Information Systems Security Manager (ISSM).

TRUE OR FALSE?

**THESE ARE NOT JOBS  
FOR WOMEN**

**FALSE**

TRUE OR FALSE?

# THESE ARE NOT JOBS FOR WOMEN

There is no reason why cybersecurity jobs should not be for women.  
Cybersecurity jobs are open to women, but they are often  
underrepresented in this industry.



TRUE OR FALSE?

**YOU DON'T NEED TO STUDY A  
LONG CAREER**

**TRUE** OR FALSE?

**YOU DON'T NEED TO STUDY A  
LONG CAREER**

You do not need to study for a long time to work in cyber security,  
but it is important to have a good understanding of the basic  
concepts of computer security.

TRUE OR FALSE?

**CYBERSECURITY JOBS  
ARE NOT WELL PAID**

**FALSE**

TRUE OR FALSE?

# CYBERSECURITY JOBS ARE NOT WELL PAID

Cybersecurity jobs are rather well paid.  
They pay an average of \$105,800 per year. ([Source](#))



## TO REMEMBER:

**CYBERSECURITY JOBS ARE  
AVAILABLE TO EVERYONE!**



### ACTIVITY 3

**CYBER, A**

**SINGLE JOB OR**

**MULTIPLE**

**JOBBS?**



**PREVENT OR CURE?**

# PREVENT

Research | Design  
Raise awareness | Manage

# CURE

React | Investigate  
Improve | Rebuild



**ETHICAL  
HACKER**





# PREVENT

Research | Design  
Raise awareness | Manage

ETHICAL HACKER

# CURE

React | Investigate  
Improve | Rebuild



**CYBERSECURITY  
CONSULTANT**



# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**  
**CYBERSECURITY  
CONSULTANT**



## INCIDENT RESPONSE ANALYST



# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY  
CONSULTANT**

# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**  
**CYBERSECURITY**  
**CONSULTANT**

# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY**  
**CONSULTANT**  
**INCIDENT**  
**RESPONSE**  
**ANALYST**

!?

**DATA**  
**PROTECTION**  
**OFFICER**

# PREVENT

Research | Design  
Raise awareness | Manage

ETHICAL HACKER  
CYBERSECURITY  
CONSULTANT

DATA  
PROTECTION  
OFFICER



# CYBERSECURITY CRISIS MANAGER

# CURE

React | Investigate  
Improve | Rebuild

CYBERSECURITY  
CONSULTANT  
INCIDENT  
RESPONSE  
ANALYST

DATA  
PROTECTION  
OFFICER

# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**

**CYBERSECURITY  
CONSULTANT**

**DATA  
PROTECTION  
OFFICER**



# CRYPTOLOGIST



# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY  
CONSULTANT**

**INCIDENT  
RESPONSE  
ANALYST**

**DATA  
PROTECTION  
OFFICER**

**CYBERSECURITY  
CRISIS MANAGER**

# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**

**CYBERSECURITY  
CONSULTANT**

**DATA  
PROTECTION  
OFFICER**

**CRYPTOLOGIST**



# SECURITY SYSTEMS ADMINISTRATOR



# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY  
CONSULTANT**

**INCIDENT  
RESPONSE  
ANALYST**

**DATA  
PROTECTION  
OFFICER**

**CYBERSECURITY  
CRISIS MANAGER**

# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**

**CYBERSECURITY  
CONSULTANT**

**DATA  
PROTECTION  
OFFICER**

**CRYPTOLOGIST**

**SECURITY  
SYSTEMS  
ADMINISTRATOR**



# CYBERSECURITY TRAINER

# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY  
CONSULTANT**

**INCIDENT  
RESPONSE  
ANALYST**

**DATA  
PROTECTION  
OFFICER**

**CYBERSECURITY  
CRISIS MANAGER**

# PREVENT

Research | Design  
Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY  
CONSULTANT

DATA  
PROTECTION  
OFFICER

CRYPTOLOGIST

SECURITY  
SYSTEM  
ADMINISTRATOR

CYBERSECURITY  
TRAINER

CISO



## INFORMATION SYSTEMS SECURITY OFFICER (CISO)

# CURE

React | Investigate  
Improve | Rebuild

CYBERSECURITY  
CONSULTANT

INCIDENT  
RESPONSE  
ANALYST

DATA  
PROTECTION  
OFFICER

CYBERSECURITY  
CRISIS MANAGER



# PREVENT

Research | Design  
Raise awareness | Manage

**ETHICAL HACKER**

**CYBERSECURITY  
CONSULTANT**

**DATA  
PROTECTION  
OFFICER**

**CRYPTOLOGIST**

**SECURITY  
SYSTEM  
ADMINISTRATOR**

**CYBERSECURITY  
TRAINER**

**ISSM**



# CURE

React | Investigate  
Improve | Rebuild

**CYBERSECURITY  
CONSULTANT**

**INCIDENT  
RESPONSE  
ANALYST**

**DATA  
PROTECTION  
OFFICER**

**CYBERSECURITY  
CRISIS MANAGER**



## TO REMEMBER:

**CYBERSECURITY JOBS ARE VARIED AND MEANINGFUL**



**BEWARE OF  
APPAREANCES**



## ACTIVITY 1

# AVOID FAKE TECHNICAL SUPPORT SCAMS

FAKE ERROR MESSAGE

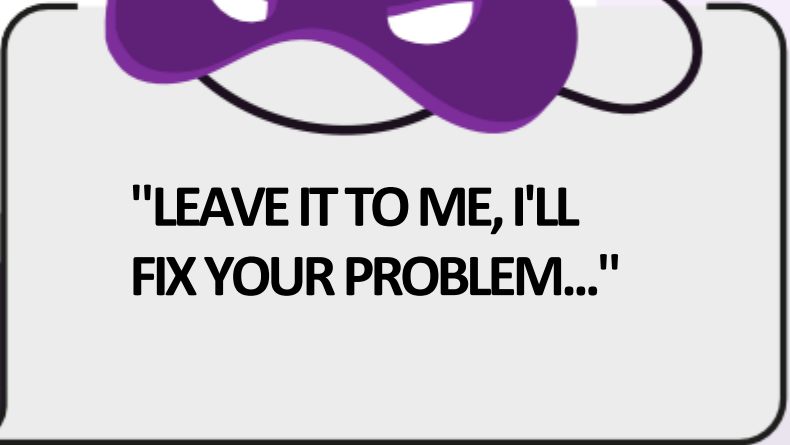


CALL  
NUMBER

OR



INCOMING  
CALL



IN THE MEANTIME...

COMPUTER  
ACCESS



LOADING  
VIRUS



INFOS

PERSONAL  
INFORMATION  
REQUEST



NAME

SURNAME



PAID  
SERVICES



## FOCUS FAKE MICROSOFT SUPPORT

**Microsoft will never call you to ask for financial or personal information, or to offer technical support to repair your computer without your request, or to ask you to pay for technical support in the form of cryptocurrency such as Bitcoin or with gift cards.**

More information  
on [cybermalveillance.gouv.fr](https://cybermalveillance.gouv.fr)

# HOW TO REACT IF SOMEONE CALLS YOU OR IF A FAKE ERROR MESSAGE IS DISPLAYED?

- 1 HANG UP**
- 2 DO NOT PERFORM ANY MANIPULATION ON YOUR DEVICE**
- 3 DO NOT COMMUNICATE WITH STRANGERS**
- 4 CALL AN AUTHENTIC NUMBER DIRECTLY**
- 5 PROTECT YOUR COMPUTER**
- 6 UPDATE YOUR WEB BROWSER AND OPERATING SYSTEM**
- 7 ENABLE YOUR POP-UP BLOCKER**
- 8 CLOSE YOUR BROWSER**
- 9 RESTART YOUR DEVICE**
- 10 TALK ABOUT IT**



# **TO REMEMBER:**

**DO NOT CLICK ON  
URGENT MESSAGES  
THAT APPEAR WHILE  
YOU ARE ONLINE AND  
DO NOT DIAL THE  
NUMBER PROVIDED**

**HANG UP IF YOU ARE  
ASKED TO DO  
SOMETHING ON YOUR  
COMPUTER**

**NEVER DOWNLOAD AN APPLICATION AT  
THE REQUEST OF SOMEONE YOU DON'T  
KNOW**

**REPORT SCAMS TO THE  
POLICE**

**IF YOU COME ACROSS A  
SCAM, TELL A FRIEND,  
COLLEAGUE OR FAMILY  
MEMBER TO MAKE  
THEM AWARE OF THIS  
ABOUT THIS THREAT**





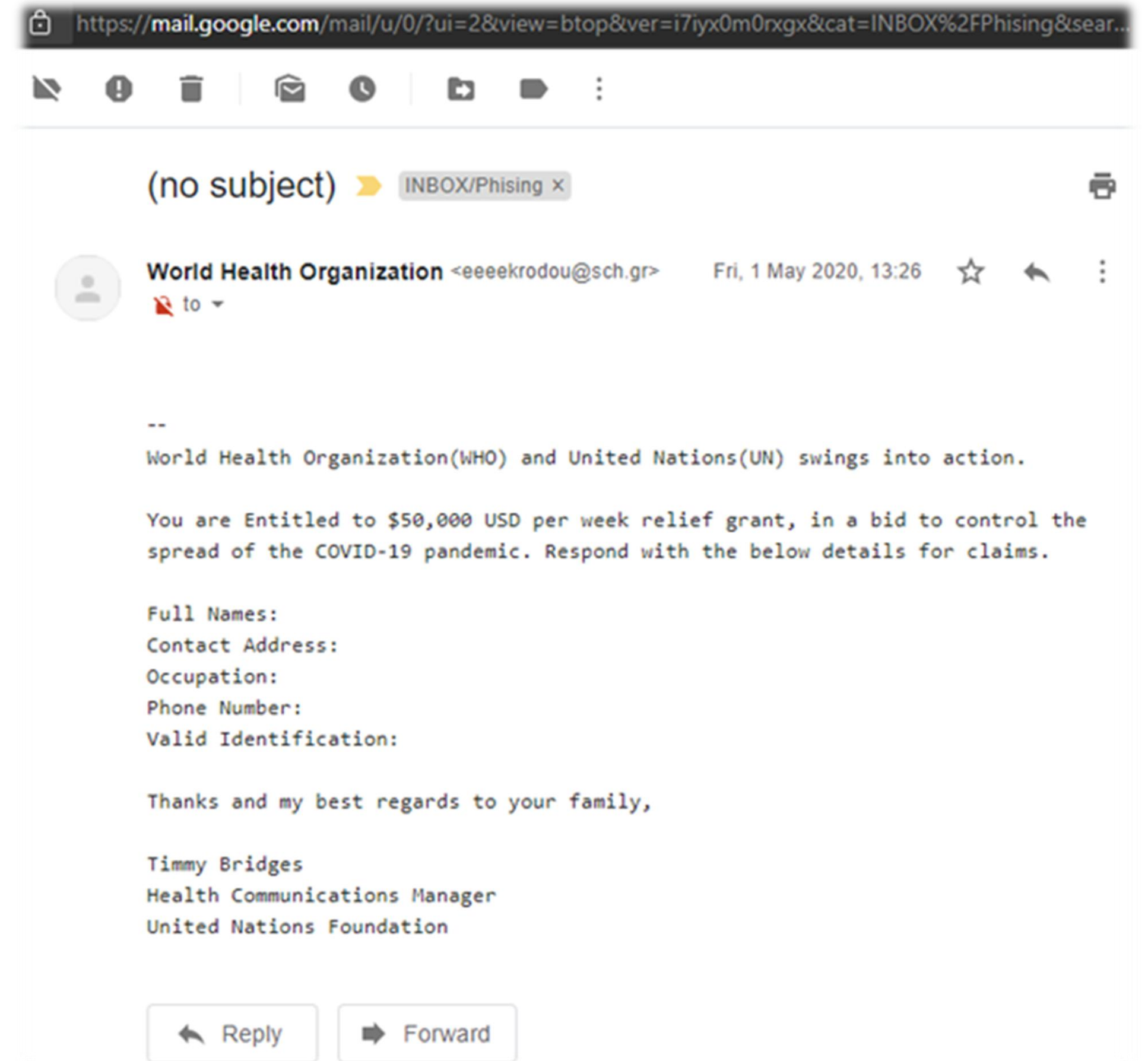
## ACTIVITY 2

**DO NOT LET  
CYBERCRIMINALS  
STEAL FROM YOU**



**TO CLICK OR NOT TO CLICK?**

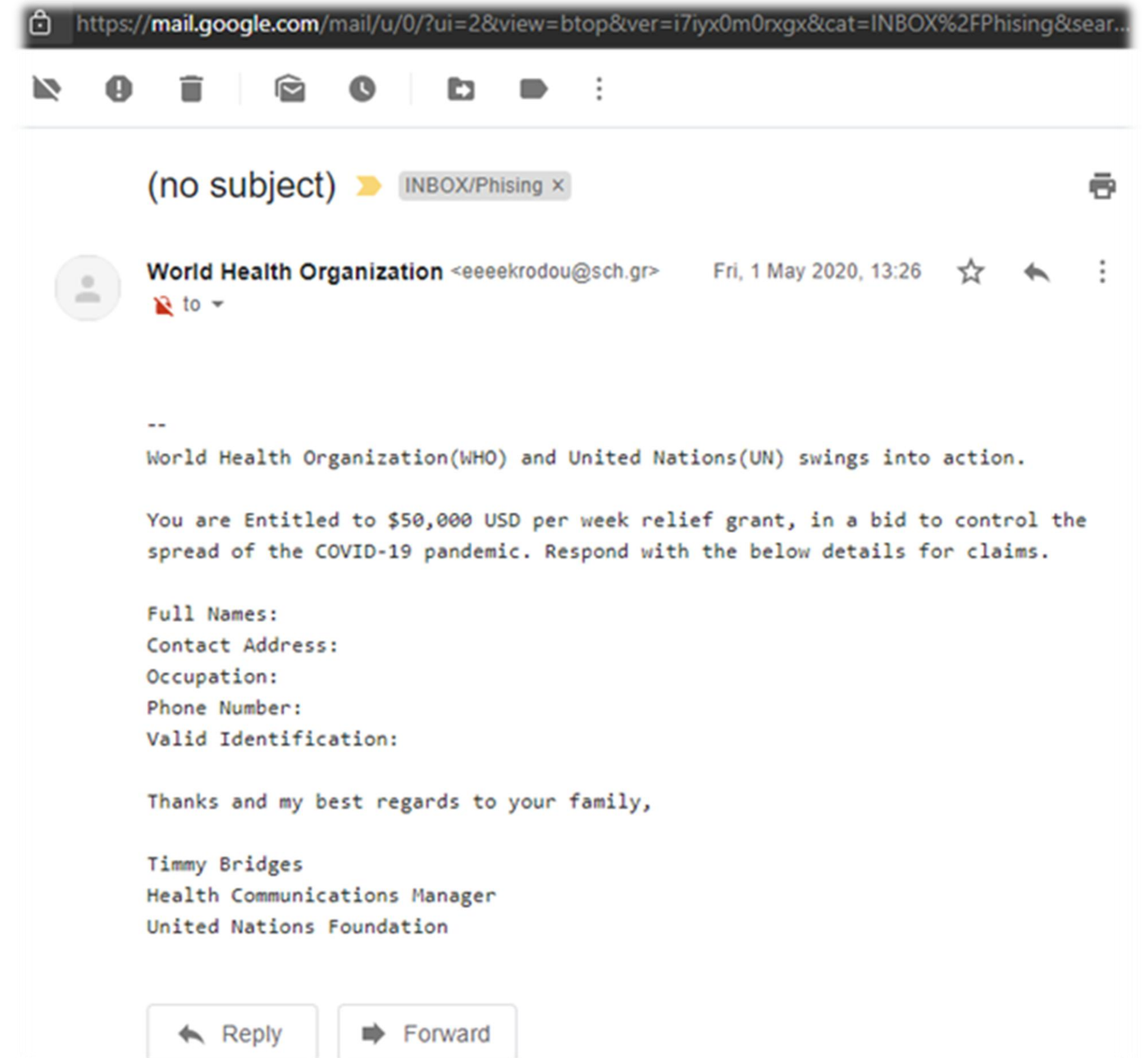
# TO CLICK OR NOT TO CLICK?



# TO CLICK OR NOT TO CLICK?

The email address sending the email does not correspond to the official website address. Also, be careful with e-mails offering money or goods. When it is too good to be true, it's because it is!

**NO**



# TO CLICK OR NOT TO CLICK?

Notice: your package will be returned to the sender: <https://yesdetail.com/d/?pn4cqiha70>

# TO CLICK OR NOT TO CLICK?



Beware of messages that require an immediate response or action. There is a good chance that this destination address is a scam, as it does not correspond to the official website address.

Notice: your package will be returned to the sender: <https://yesdetail.com/d/?pn4cqiha70>



# TO CLICK OR NOT TO CLICK?

<http://impresasavoldelli.it>

**NETFLIX**

## Netflix Subscription Renewal Failed

Hi,

There is a trouble to charge your recent membership extention for next period of month. It may appear that the information that you give us is invalid. However, we'll attempt again in next few days.

During this time, You won't be able to enjoy our service as usual. To fix this, simply just update your information below.

[Update Details](#)

We are sorry for the uncomfortable for you, but you can always go back anytime to us by update your details.

# TO CLICK OR NOT TO CLICK?

There is a good chance that this destination address is a scam. It does not correspond to the official website address, and the "http:" link indicates that the connection is not secure, which should make you suspicious.



NO

<http://impresasavoldelli.it>



NETFLIX

## Netflix Subscription Renewal Failed

Hi,

There is a trouble to charge your recent membership extention for next period of month. It may appear that the information that you give us is invalid. However, we'll attempt again in next few days.

During this time, You won't be able to enjoy our service as usual. To fix this, simply just update your information below.

Update Details

We are sorry for the uncomfortable for you, but you can always go back anytime to us by update your details.



# TO CLICK OR NOT TO CLICK?

Attn: Your-150 Dollar Prime Credit Expires on 12/28. Shopper: [REDACTED]

Spam x



Amazon Update <AmazonUpdate@efficaciouscrbays.xyz>  
to me ▾



Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)



The Amazon Marketplace

-----SHOPPER/MEMBER:4726

-----DATE-OF-NOTICE: 12/22/2015

Hello [Shopper: \[REDACTED\]@gmail.com](#)! To show you how much we truly value your years of business with us and to celebrate the continued success of our Prime membership program, we're rewarding you with-\$100 in shopping points that can be used on any item on our online shopping site! (this includes any marketplace vendors)

In order to use this-\$100 reward, simply go below to get your-coupon-card and then just use it during checkout on your next purchase. That's all there is to it!

[Please visit-here now to get your reward](#)

\*\*\*DON'T WAIT! The Link Above Expires on 12/28!

# TO CLICK OR NOT TO CLICK?

The email address sending the email does not correspond to the official website address. Beware of messages that require an immediate response or action. Also, be careful with e-mails offering money or goods. When it is too good to be true, it because it is!



Attn: Your-150 Dollar Prime Credit Expires on 12/28. Shopper: [redacted]

Spam x



Amazon Update <AmazonUpdate@efficaciouscrbays.xyz>  
to me ▾



Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)



The Amazon Marketplace

-----SHOPPER/MEMBER:4726

-----DATE-OF-NOTICE: 12/22/2015

Hello [Shopper: \[redacted\]@gmail.com](#)! To show you how much we truly value your years of business with us and to celebrate the continued success of our Prime membership program, we're rewarding you with-\$100 in shopping points that can be used on any item on our online shopping site! (this includes any marketplace vendors)

In order to use this-\$100 reward, simply go below to get your-coupon-card and then just use it during checkout on your next purchase. That's all there is to it!

[Please visit-here now to get your reward](#)

\*\*\*DON'T WAIT! The Link Above Expires on 12/28!

# TO CLICK OR NOT TO CLICK?

**Microsoft offers you an  
XBOX One.**

Congratulations, you've  
won! Get your console:

<https://www.microsoft.com/>



# TO CLICK OR NOT TO CLICK?

**NO**

Microsoft offers you an  
XBOX One.

Congratulations, you've  
won! Get your console:

[https://www. microsoft.com/](https://www.microsoft.com/)


The destination domain name is not exactly the same as the to the official website address.

Attention: a small dot appears below the first "o" in the word microsoft.

This type of scam is called typosquatting, i.e., using a letter that is graphically close to another one to make people think they are on an official website.

# YOU HAVE A DOUBT ABOUT THE MESSAGE YOU RECEIVED?

- ◆ **Don't be afraid!** You probably don't have anything incriminating to blame yourself for
- ◆ **Do not open links or attachments** without being sure of the reliability of the sender
- ◆ **Check the sender's address:** contact him through another channel.
- ◆ **Do not respond to any suspicious or blackmail emails** to avoid show the sender that you are receptive to the message
- ◆ **Change your passwords, avoid having the same password** for each account to protect yourself from cascading attacks and, if possible, **activate double authentication on your most sensitive accounts**, including your email accounts
- ◆ **Delete the message**



## AND IF YOU HAVE DISCLOSED YOUR PASSWORD OR PERSONAL INFORMATION?

- 1** Immediately change passwords for compromised accounts
- 2** Report the scams, by contacting the local authorities
- 3** Visit your [national platforms or helplines](#) for assistance to victims of cyberbullying for more advice

## AND IF YOU HAVE PAID AND ARE A VICTIM OF A SCAM?

- 1** Change passwords for compromised accounts immediately
- 2** Contact your bank to try to get the payment reversed
- 3** File a complaint with your local authorities

# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?

# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF  
UNKNOWN  
SENDERS**



# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF  
UNKNOWN  
SENDERS**



**PAY ATTENTION  
TO THE  
WORDING OF  
THE  
EMAIL/TEXT**

# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF  
UNKNOWN  
SENDERS**



**PAY ATTENTION  
TO THE  
WORDING OF  
THE  
EMAIL/TEXT**



**THE SENDER'S  
EMAIL ADDRESS  
IS NOT A  
RELIABLE  
CRITERION**

# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF  
UNKNOWN  
SENDERS**



**PAY ATTENTION  
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WORDING OF  
THE  
EMAIL/TEXT**



**THE SENDER'S  
EMAIL ADDRESS  
IS NOT A  
RELIABLE  
CRITERION**



**CHECK  
THE LINKS**

# HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



**BEWARE OF  
UNKNOWN  
SENDERS**



**PAY ATTENTION  
TO THE  
WORDING OF  
THE  
EMAIL/TEXT**



**THE SENDER'S  
EMAIL ADDRESS  
IS NOT A  
RELIABLE  
CRITERION**



**CHECK  
THE LINKS**



**BEWARE OF  
STRANGE,  
URGENT AND  
TOO GOOD TO  
BE TRUE  
REQUESTS**

**CREATE YOUR OWN**

**SCAM**

New message

← → ↺

☆ ☰

To

Subject

▼ | 📎 🖼️ 😊 🔍

SEND

◀ ▶ 🔍

🔄 ☆ ⋮

←

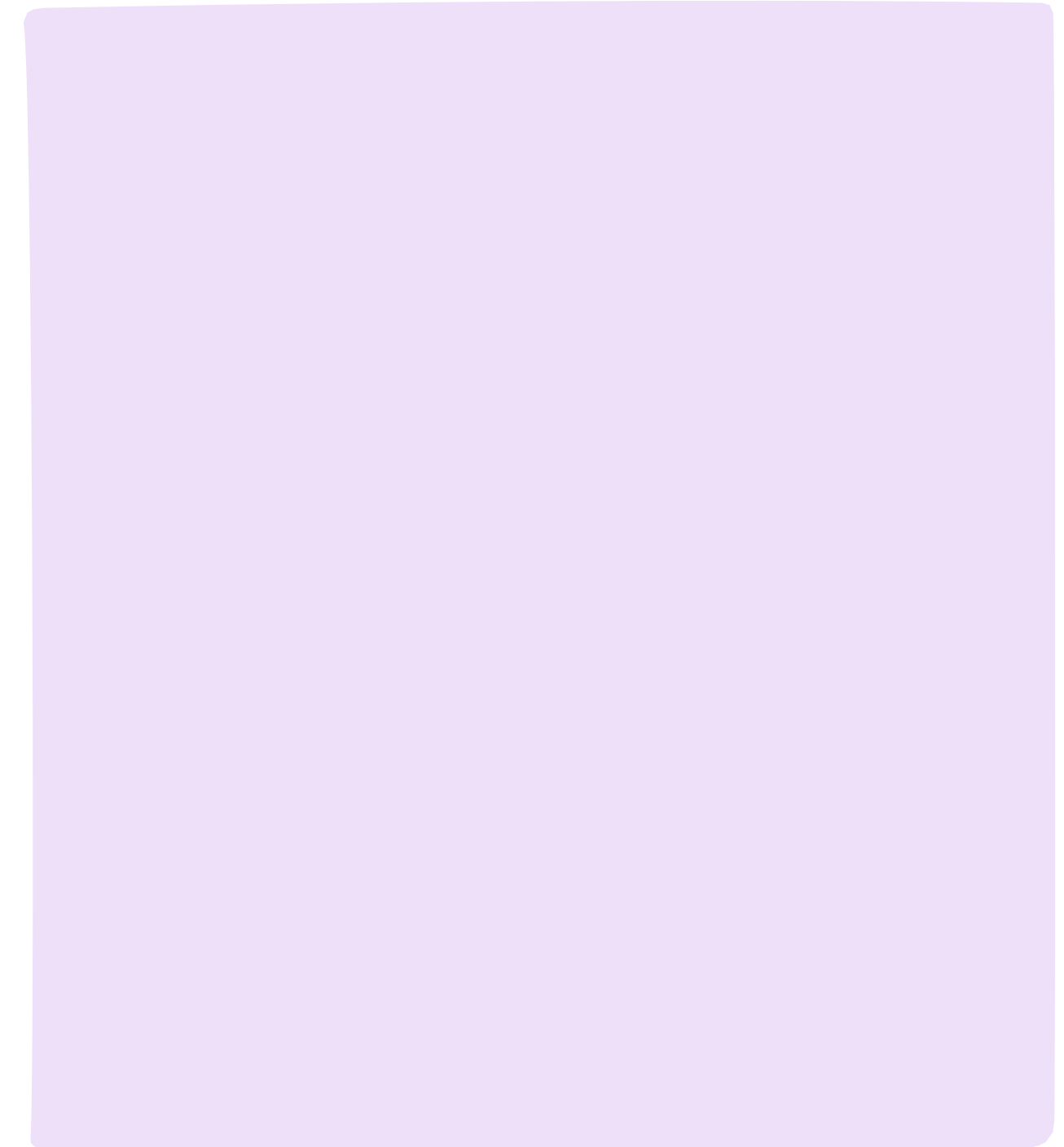
⋮

+ Aa

→ 🎤



**ONLINE FRAUD IS A CRIMINAL OFFENCE WHICH  
MAY BE PUNISHED BY JAIL TIME AND PENALTIES**





# TO REMEMBER:

BE CAUTIOUS ABOUT  
MESSAGES WITH VISUALS  
THAT LOOK OFFICIAL BUT  
ARE POORLY DISPLAYED OR  
HAVE SPELLING MISTAKES

BEWARE OF  
MESSAGES THAT  
REQUIRE YOU TO  
RESPOND OR TAKE  
IMMEDIATE ACTION

NEVER CLICK ON A LINK OR AN  
ATTACHMENT WHOSE ORIGIN  
OR NATURE SEEMS DOUBTFUL

REMEMBER THAT IF IT  
SOUNDS TOO GOOD TO BE  
TRUE, IT PROBABLY IS!

IF YOU HAVE NOT ENTERED A  
COMPETITION, YOU CANNOT  
HAVE WON A PRIZE!

IF IN DOUBT, YOU SHOULD  
ACCESS THE WEBSITE BY  
TYPING THE ADDRESS  
DIRECTLY INTO THE  
SEARCH BAR

BEFORE INSTALLING  
AN APPLICATION,  
ASK YOURSELF IF YOU  
REALLY NEED IT!





### ACTIVITY 3

**LOCATE  
THE CONTENTS  
DEEPPFAKE**



**REAL PHOTO OR NOT?**

The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?

AI





The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?

AI



The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?





The increasing quality of AI images makes them harder to spot. Can you tell if this image is real or AI-generated ?

AI







## Real or Not ?

The growing quality in AI images makes them harder to spot.  
Can you tell if this image is real or AI generated?

Start Game

To extend the quiz, go to:

<https://www.realornotquiz.com/>

## Look for the 4 signs that this text was generated by an AI:

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

# Look for the 4 signs that this text was generated by an AI:

## FACTUAL INCONSISTENCIES

Hi all! Today, we are going to discuss the importance of saving unicorns in rainforests. Unicorns, these endemic creatures, are in danger of extinction because of deforestation and poaching. If we do nothing, they could disappear by 2025.

It is important to understand that unicorns play a crucial role in the ecosystem. They help pollinate plants and regulate the dragon population. In addition, their magic horn has incredible healing properties.

In addition, modern technology, such as drones and satellites, makes it possible to monitor unicorns in their natural habitat. This helps us protect these precious animals and prevent illegal activities.

In short, it is our duty to protect unicorns and their habitat.

If we work together, we can ensure a better future for these fascinating creatures and our planet.

# Look for the 4 signs that this text was generated by an AI:

## INCONSISTENT TRANSITIONS

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## ABSENCE OF SOURCES

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## PUNCTUATION ERRORS AND TURN OF PHRASE

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## **TO REMEMBER :**

**What can we do to combat deepfakes?**

**CHECK FOR ACCURACY BEFORE  
SHARING OR COMMENTING.**

**IF A TITLE, VIDEO, IMAGE, OR AUDIO RECORDING  
SOUNDS SENSATIONAL, BE SURE TO READ THE  
FULL STORY  
AND TO VERIFY ITS SOURCE BEFORE SHARING  
ITS CONTENT.**

**THE BEST WAY TO STOP THE SPREAD OF A DEEPPAKE  
IS TO AVOID SHARING OR COMMENTING ON IT  
FURTHER.**





**PROTECT**  
**YOUR**  
**ACCOUNTS**  
**ONLINE**





## ACTIVITY 1

**A STRONG PASSWORD,  
IS YOUR BEST DEFENCE**

\*\*\*\*\*



\*\*\*\*\*



\*\*\*\*\*



\*\*\*\*\*



CHOOSE A PASSWORD THAT  
IS **DIFFERENT**  
FOR EACH ACCOUNT

WHAT ARE THE **RISKS** OF  
USING THE SAME  
PASSWORD EVERYWHERE?

A HACKER COULD:



Steal your identity



Hack into your bank details and make fraudulent purchases



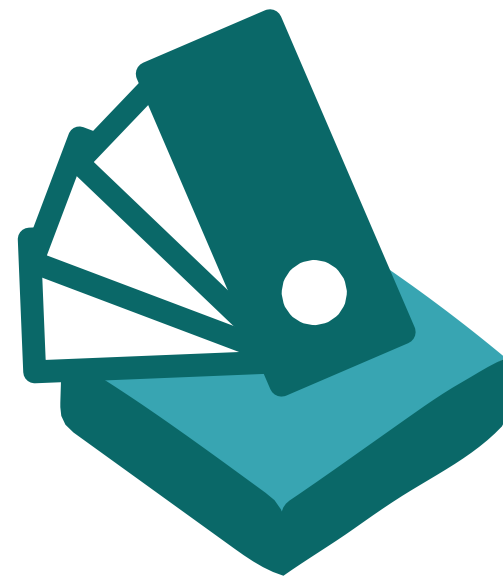
Steal your contacts by hacking into your mailboxes/social networks



Blackmail you and demand a ransom  
(in case of compromising data)

# CREATE A STRONG PASSWORD

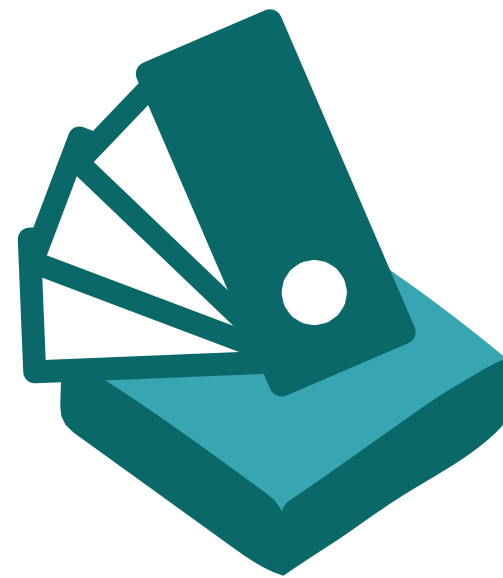
# CREATE A STRONG PASSWORD



## COMPLETE

contains at least **14 characters** and **4 different types**: lower case, upper case, numbers and special characters (!, ?, €, #...)

# CREATE A STRONG PASSWORD



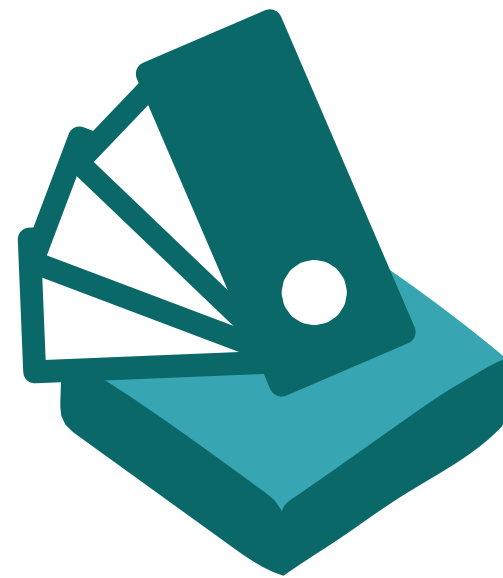
## COMPLETE

contains at least **14 characters** and **4 different types**: lower case, upper case, numbers and special characters (!, ?, €, #...)



## SAYS NOTHING ABOUT YOU

# CREATE A STRONG PASSWORD



## COMPLETE

contains at least **14 characters** and **4 different types**: lower case, upper case, numbers and special characters (!, ?, €, #...)



## SAYS NOTHING ABOUT YOU



## UNIQUE

## 2 TIPS:

I am not a hacker & yet I  
work in cybersecurity!

Ianah&ylwic!



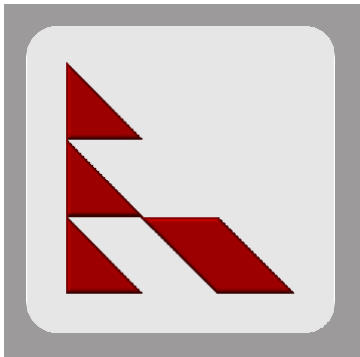
**PASSPHRASE**

Swan\*Edge\*Door!Work



**COMBINED WORDS**

# USE A PASSWORD MANAGER



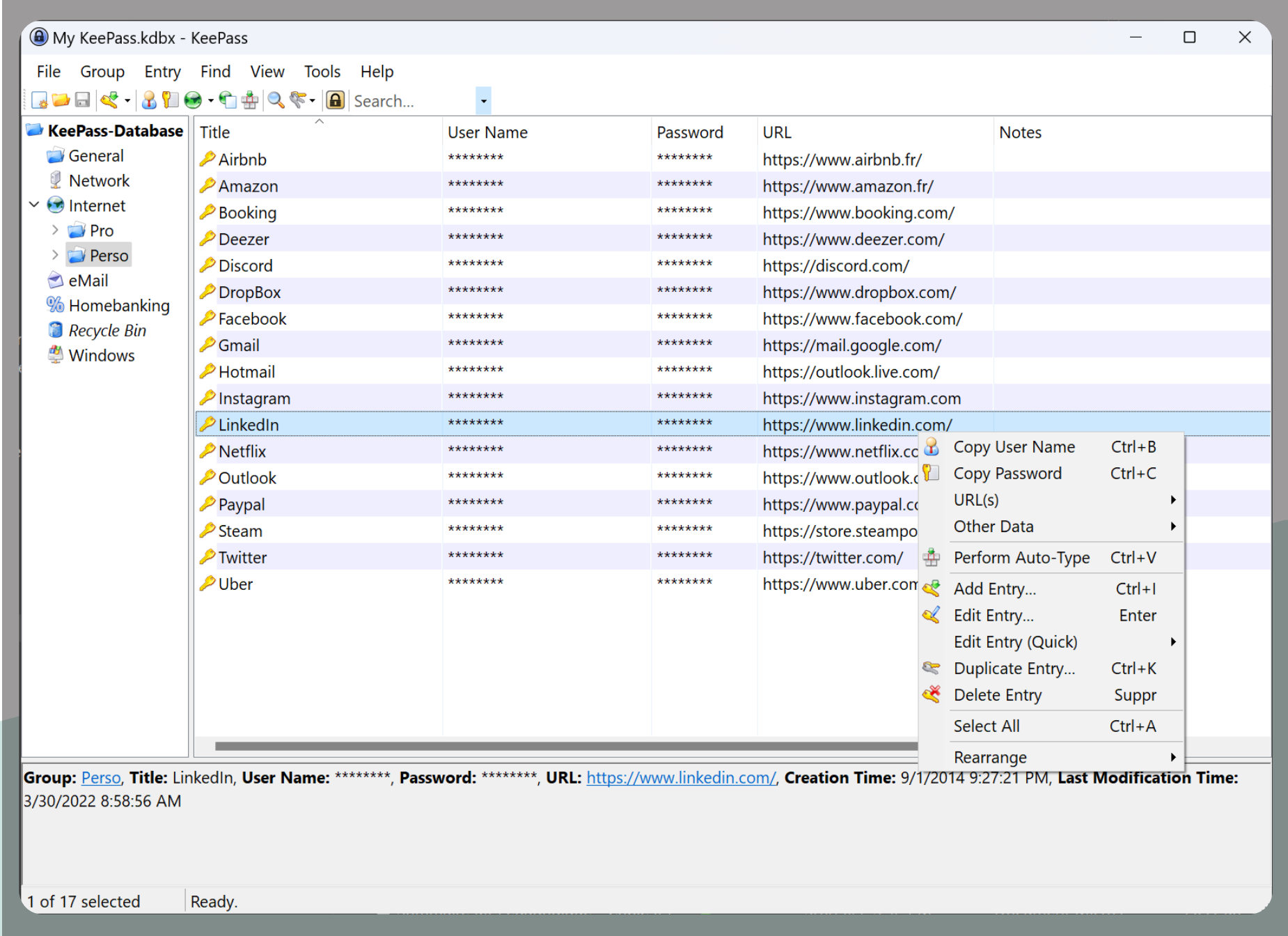
PASSWORDSSAFE



ZENYWAY



KEEPASS





# IS YOUR PASSWORD COMPROMISED?

';--have i been pwned?

Check if your email address is in a data breach

email address

pwned?



## TO REMEMBER:

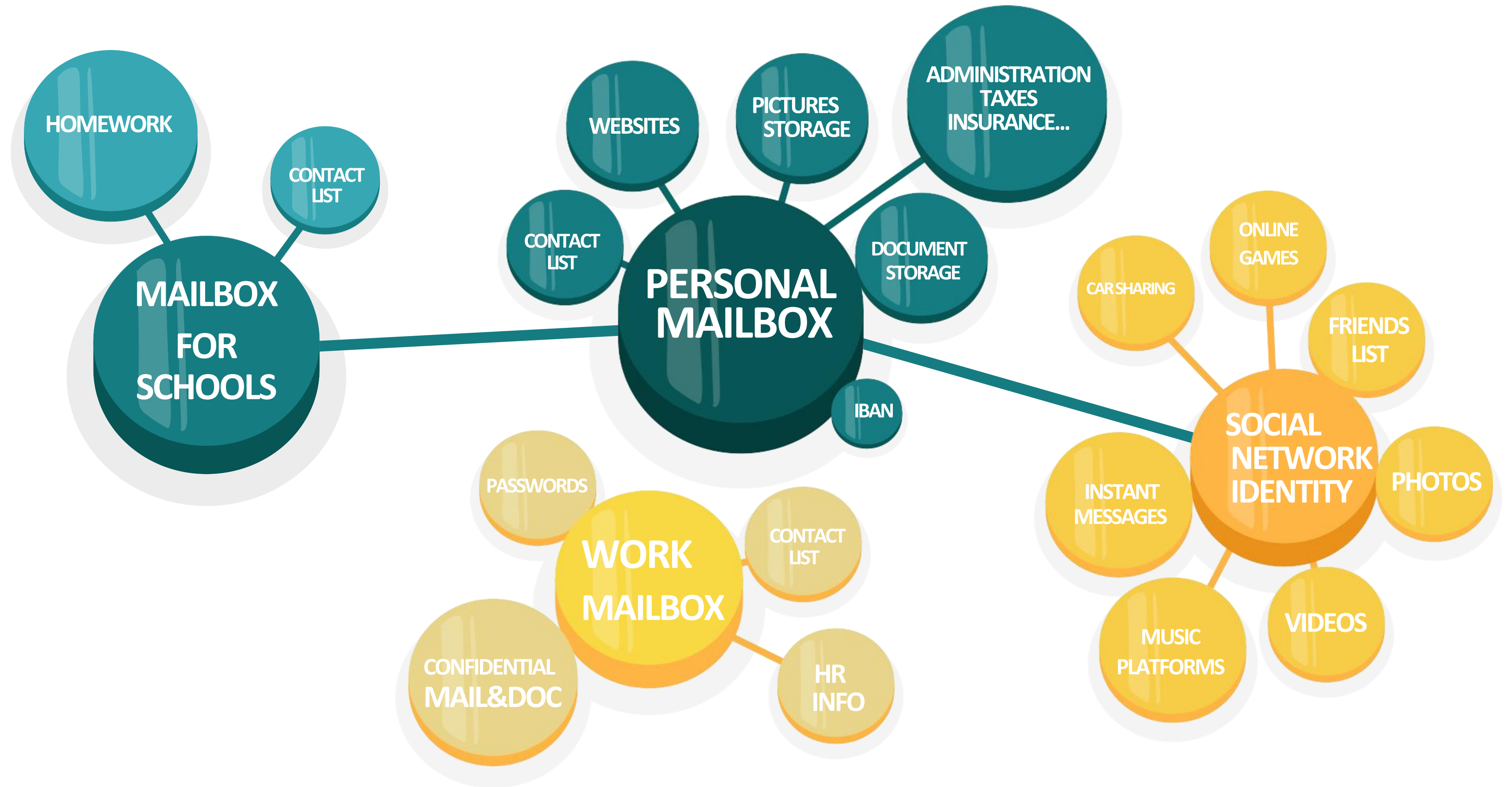
**SECURE ACCOUNTS AND DEVICES WITH STRONG PASSWORDS  
OR PASSPHRASES**

**ENSURE THAT PASSWORDS OR PASSPHRASES ARE UNIQUE FOR  
EACH ACCOUNT AND DEVICE**

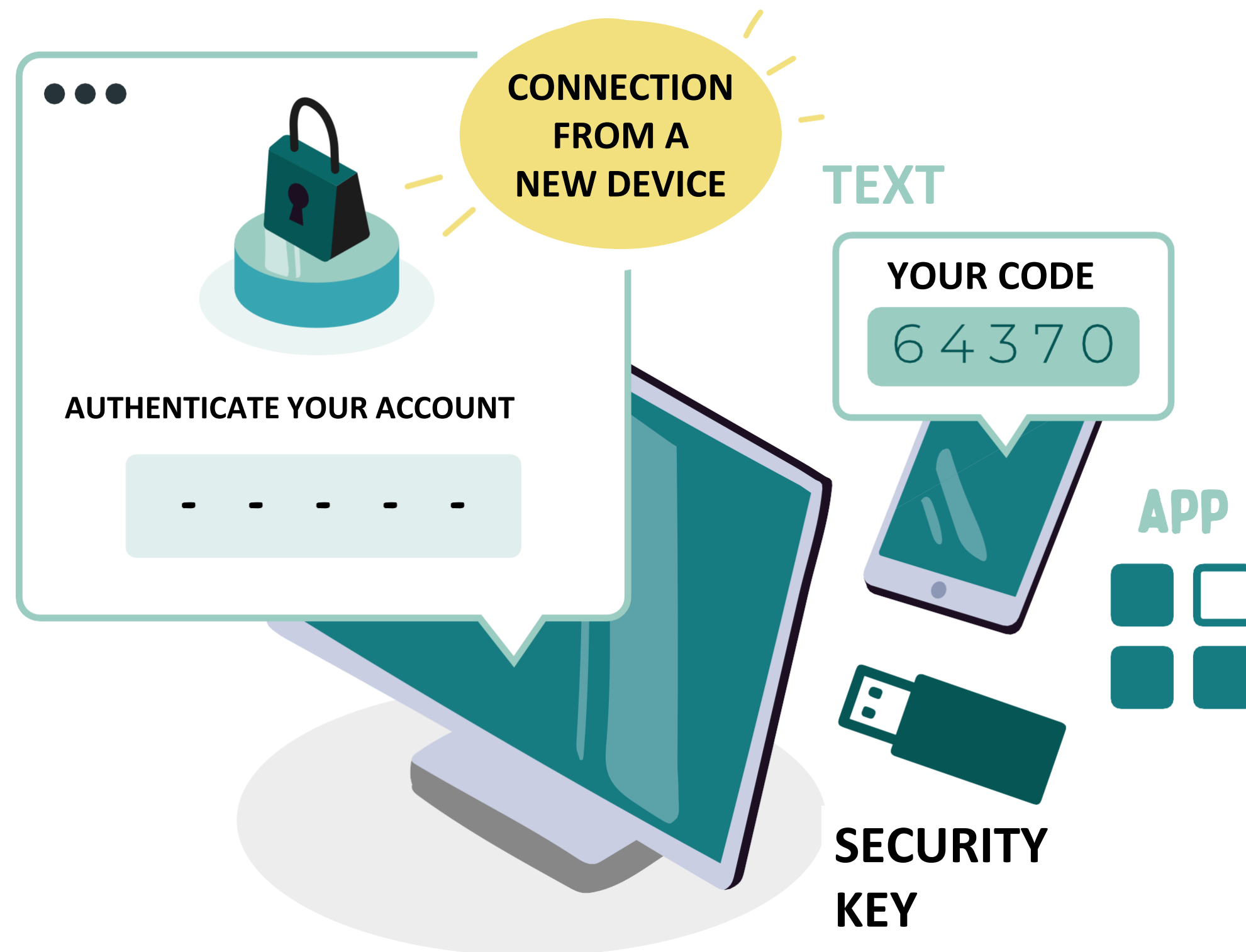


## ACTIVITY 2

# PROTECT YOUR MOST IMPORTANT ACCOUNTS ONLINE



# HOW DOES TWO-FACTOR AUTHENTICATION WORK?

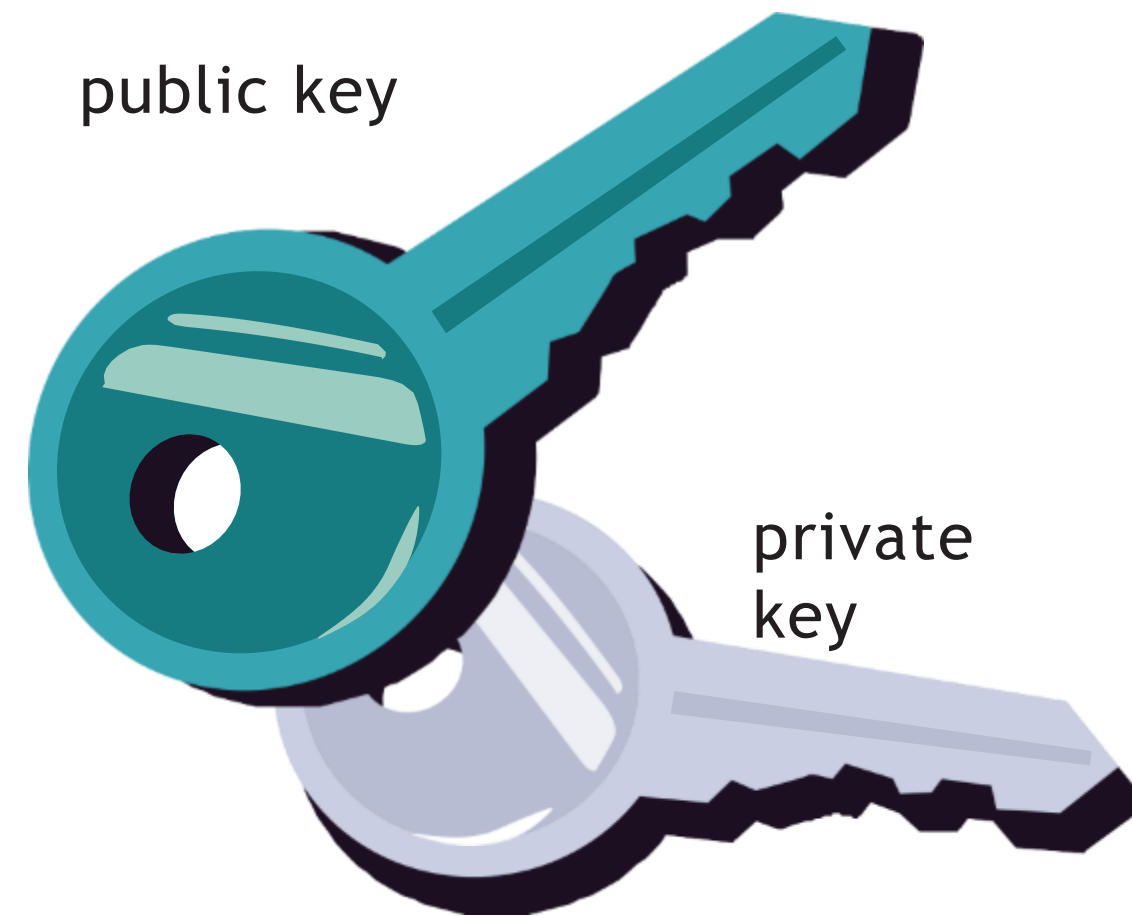


## SOME SERVICES OFFERING TWO-FACTOR AUTHENTICATION

- Gmail, Outlook/Hotmail, Yahoo Mail...
- Facebook, Instagram, LinkedIn, Snapchat, TikTok, Twitter...
- Skype, Teams, WhatsApp, Zoom...
- Amazon, eBay, Paypal...
- Apple iCloud, Dropbox, Google Drive, OneDrive...

**IF YOU USE ONE OF THESE SERVICES, ACTIVATE THE TWO-FACTOR AUTHENTICATION!**

# WHAT IS A PASSKEY?



User Recognition

A passkey is an authentication technology developed by the FIDO Alliance, an organization dedicated to creating secure alternatives to passwords, this method works in two steps:

## 1. Device recognition

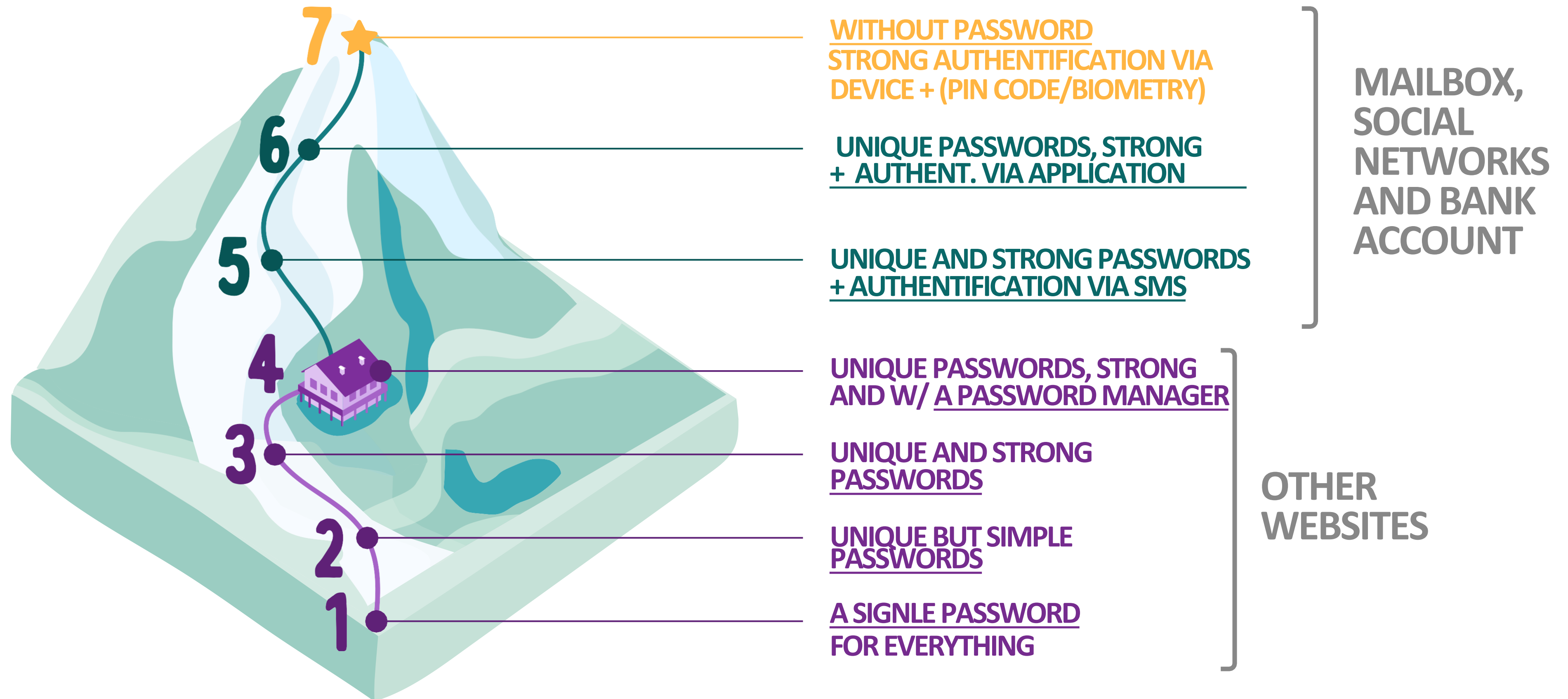
When registering for a service or application, two keys are generated: a public key and a private key. The private key, associated with your device, interacts with the public key, which is integrated into the service or application. When logging in, the public key validates the authenticity of the private key.

## 2. User Recognition

To ensure that the device is used by its rightful owner, a second layer of authentication is put in place. The user can choose from different methods: biometric unlocking, fingerprint, or PIN.

Thus, passkeys offer a secure and convenient solution, eliminating the risks associated with traditional passwords.







# TO REMEMBER:

ENABLE TWO FACTOR  
AUTHENTICATION FOR  
YOUR MOST IMPORTANT  
ACCOUNTS AND SWITCH TO  
PASSWORD-FREE IF  
POSSIBLE

CREATE PASSWORDS AND  
PASSPHRASES THAT ARE EASY FOR  
YOU TO REMEMBER, BUT DIFFICULT  
FOR OTHERS TO GUESS

ACCESS YOUR ACCOUNTS  
ONLY FROM CONTROLLED  
AND TRUSTED DEVICES

USE A PASSWORD MANAGER TO CREATE A  
STRONG AND UNIQUE PASSWORD PER  
ACCOUNT: MANY SOLUTIONS EXIST, FOR  
EXAMPLE, THE FREE SOFTWARE: [KEEPASS](#)

CAUTIOUSLY REVIEW ALERT  
MESSAGES TO DETECT  
ANOMALIES SUCH AS LOGINS  
FROM UNUSUAL DEVICES OR  
LOCATIONS ON YOUR  
ACCOUNTS



**JOBS IN CYBERSECURITY ARE JOBS OF THE FUTURE AND EXCITING!**  
**DEVELOP YOUR CRITICAL THINKING SKILLS TO AVOID THE DANGERS OF TECHNOLOGY!**  
**IF IT'S TOO GOOD TO BE TRUE, IT CERTAINLY IS!**  
**REPORTING SCAMS IS ESSENTIAL!**  
**IT IS BETTER TO HAVE SEVERAL PASSWORDS, AS ONE HAS SEVERAL KEYS!**  
**FOR THE MOST IMPORTANT ACCOUNTS, DOUBLE AUTHENTICATION IS REQUIRED!**



# THANK YOU!

## **Version 1.1 - October 2022**

This document was written by cybersecurity professionals and under the artistic direction of Claire Lacroix.

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<https://aka.ms/infoseckit>

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