

CYBERSECURITY, MY FUTURE CAREER



AN INITIATION TO CYBERSECURITY IN 3 SEQUENCES

This kit includes three sequences, each composed of several activities.

The sequences are **independent** of each other and can be made **to suit your needs**.

HOW TO USE THIS KIT?

It is up to you to adapt the language to those you want to convince and to choose the right words for young people by adapting to their concerns!

SUMMARY

3 BEFORE YOU START

5 1 CAREER IN CYBERSECURITY

ACTIVITY 1: CYBER GESTURES

ACTIVITY 2: I AM NOT A HACKER AND YET I WORK IN CYBER SECURITY

ACTIVITY 3: CYBER: A SINGLE JOB OR MULTIPLE?

58 2

BEWARE OF APPEARANCES!

ACTIVITY 1: AVOID FAKE TECHNICAL SUPPORT SCAMS

ACTIVITY 2: DO NOT LET CYBERCRIMINALS STEAL FROM YOU

87 3

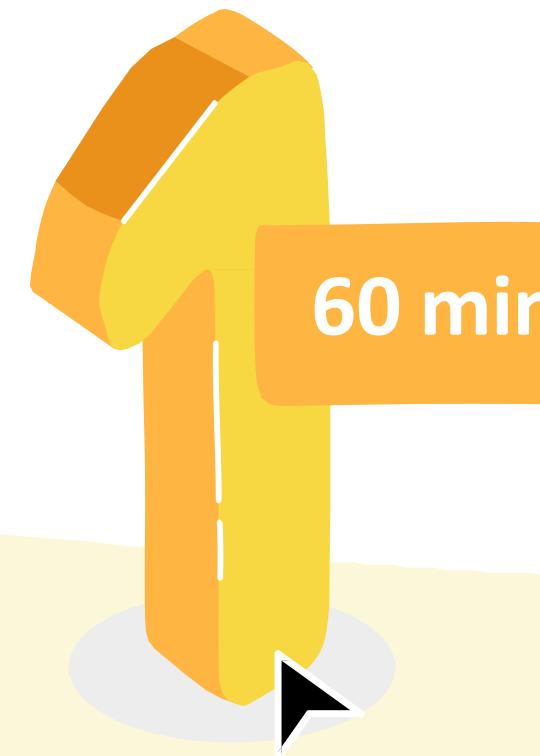
PROTECT YOUR ACCOUNTS ONLINE!

ACTIVITY 1: A STRONG PASSWORD IS YOUR BEST DEFENCE

ACTIVITY 2: PROTECT YOUR MOST IMPORTANT ACCOUNTS ONLINE

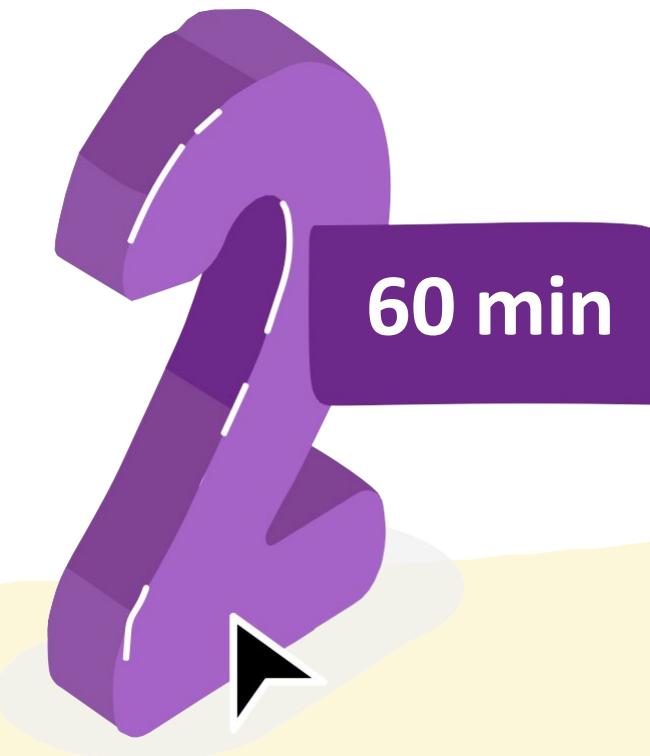
BEFORE STARTING

Make sure you **have enough time** to complete the sequences you are interested in (approximate duration).



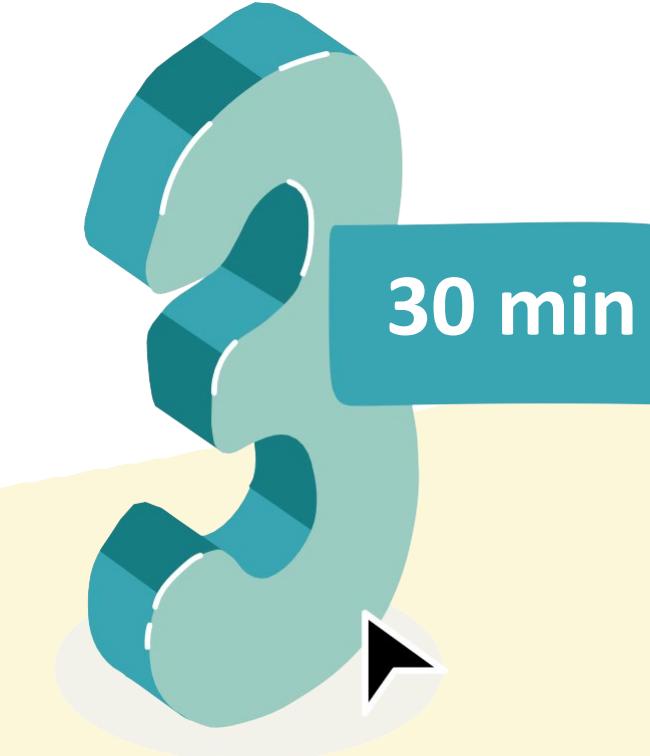
CAREER IN CYBERSECURITY

Discover the diversity
of professions



BEWARE OF APPEARANCES

Be vigilant against online
scams



PROTECT YOUR ACCOUNTS ONLINE

Learn how to manage
passwords

BEFORE STARTING

Some **golden rules** for a smooth intervention:

DISTRIBUTE THE FLOOR AMONG THE PARTICIPANTS

**ENSURE THAT THE OBJECTIVES ARE
UNDERSTOOD AT THE END OF EACH SEQUENCE**

CONCLUDE BY SUMMARISING THE IMPORTANT POINTS



CAREER in CYBERSECURITY

WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE



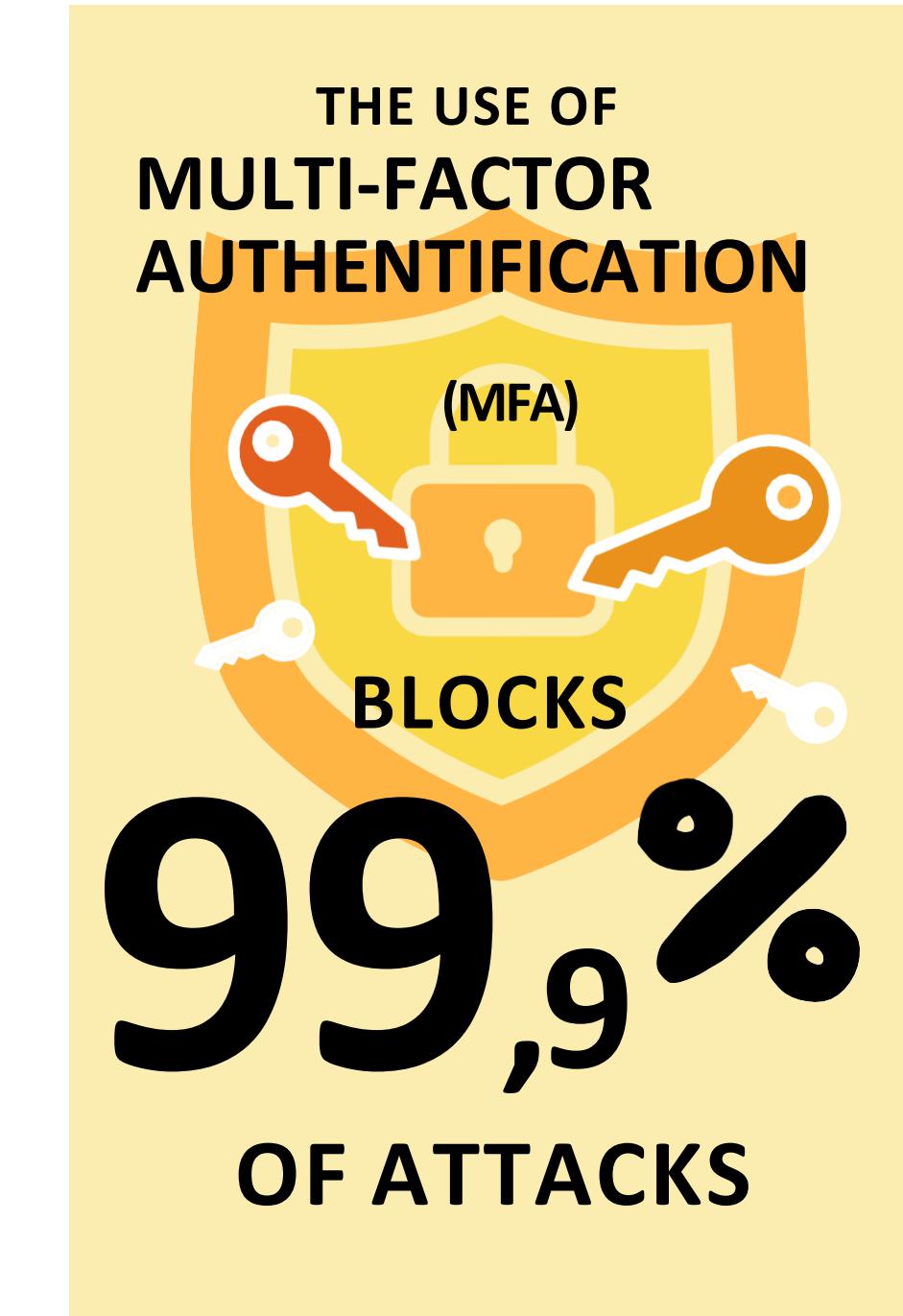
WHY DOES CYBERSECURITY CONCERN US ALL?



SOURCE

93% OF ALL SECURITY INCIDENTS COULD HAVE BEEN **AVOIDED** IF BASIC RULES CONCERNING **CYBER HYGIENE** HAD BEEN PUT IN PLACE

This section emphasizes the preventability of many security incidents through better cybersecurity practices.

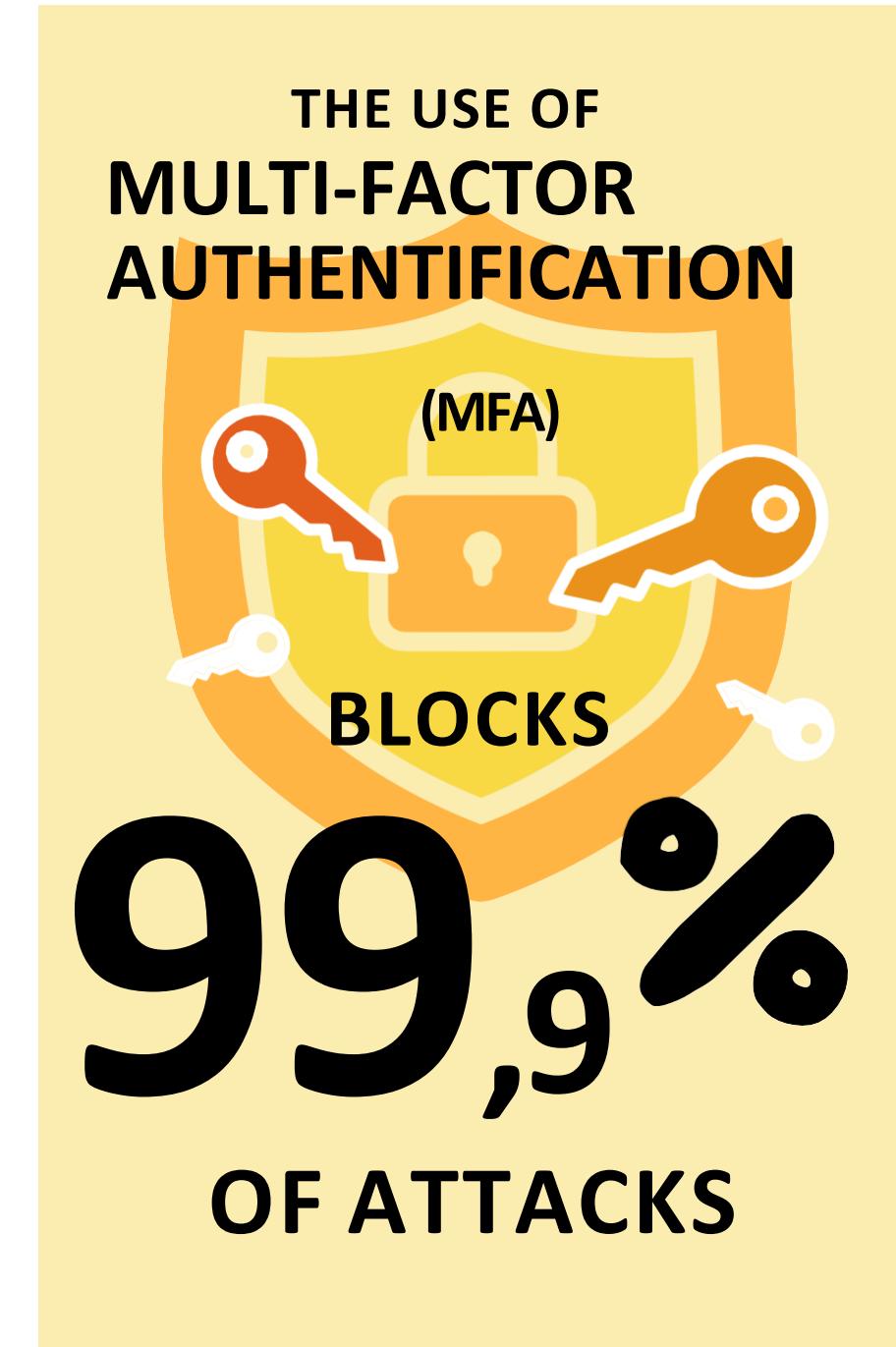


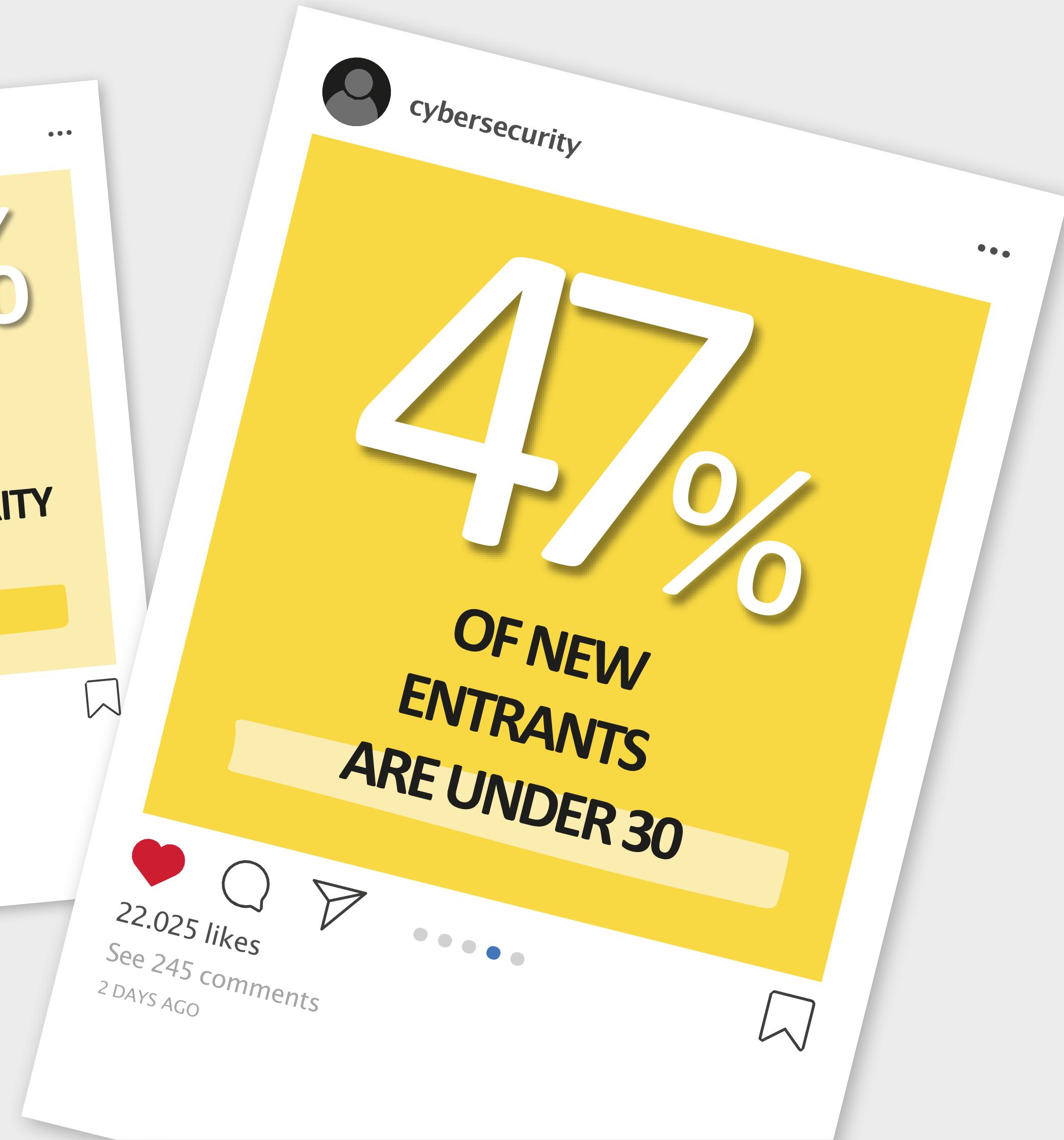
WHY DOES CYBERSECURITY CONCERN US ALL?

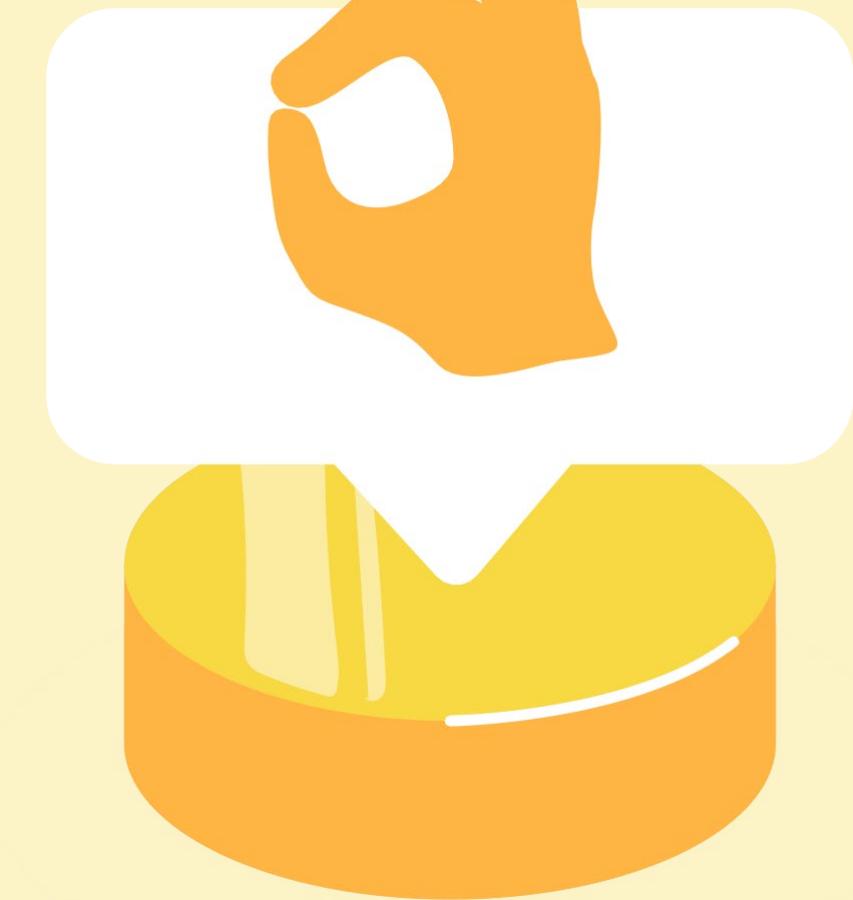


SOURCE

93% OF ALL SECURITY INCIDENTS COULD HAVE BEEN **AVOIDED** IF BASIC RULES CONCERNING **CYBER HYGIRNE** HAD BEEN PUT IN PLACE







ACTIVITY 1
**CYBER
GESTURES**

ACTIVITY 1



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

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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 open 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

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A Open the attachment to learn more

B Hesitate to open 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

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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



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

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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

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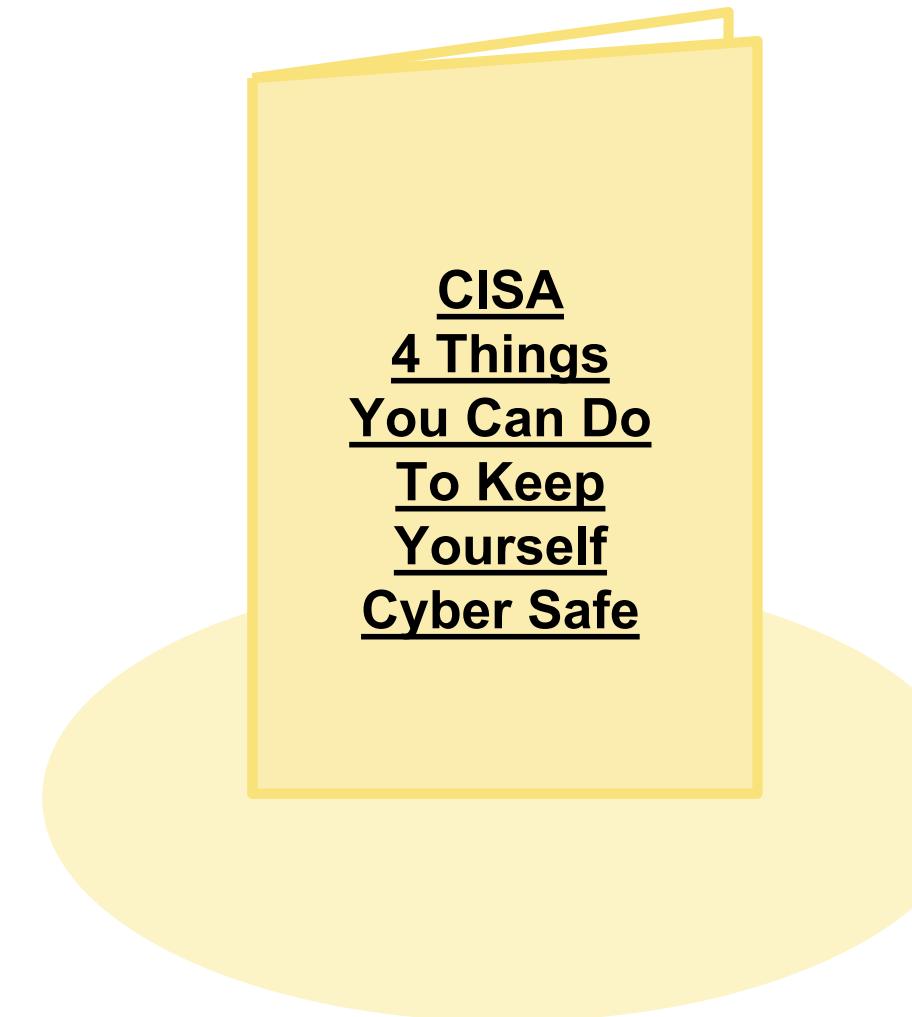
**You launch a browser in private mode, then you authenticate yourself with your password to access your profile.
Is it safe?**

A Yes

B No



FOR GOOD DIGITAL HYGIENE



- ◆ 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

ACTIVITY 2

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?



A collection of 20 YouTube video thumbnails arranged in a grid, each with a yellow border. The thumbnails show various cybersecurity professionals, such as a woman in a black top, a man in a suit, and a person in a lab coat, along with titles like "Zoom sur les métiers de la Cybersécurité" and "Portrait d'un professionnel de la cyber sécurité". A red "+" button is located in the bottom right corner of the grid.



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

ACTIVITY 2

A horizontal yellow bar with three small circular markers at regular intervals. The first marker is a yellow circle with a black outline. The second marker is a yellow circle with a black outline. The third marker is a light yellow circle with a black outline.

TRUE OR FALSE?

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

ACTIVITY 2



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.



ACTIVITY 2

TRUE OR FALSE?

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

ACTIVITY 2

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.

ACTIVITY 2



TRUE OR FALSE?

**CYBERSECURITY
MEANS BEING GOOD
AT MATH**

ACTIVITY 2

TRUE FALSE ?

**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!

ACTIVITY 2

TRUE OR FALSE?

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

ACTIVITY 2

TRUE **FALSE** TRUE?

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).

ACTIVITY 2



TRUE OR FALSE?

**THESE ARE NOT JOBS
FOR WOMEN**

ACTIVITY 2

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.

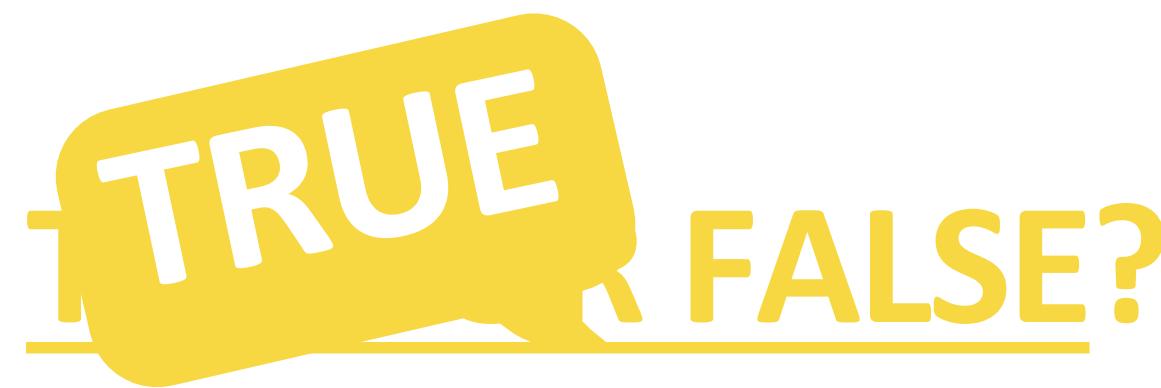


ACTIVITY 2

TRUE OR FALSE?

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

ACTIVITY 2



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.

ACTIVITY 2

A horizontal yellow bar with three small circular markers at regular intervals. The first marker is larger and has a yellow gradient background with a white circle in the center. The second marker is smaller and has a white gradient background with a yellow circle in the center. The third marker is a small yellow dot.

TRUE OR FALSE?

**CYBERSECURITY JOBS
ARE NOT WELL PAID**

ACTIVITY 2



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](#))

ACTIVITY 2



TO REMEMBER:

CYBERSECURITY JOBS ARE
AVAILABLE TO EVERYONE!



ACTIVITY 3

**CYBER, A
SINGLE JOB OR
MULTIPLE
JOBS?**



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



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

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

CYBERSECURITY
ARCHITECT



CYBERSECURITY CRISIS MANAGER

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST

CYBERSECURITY
ARCHITECT

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**CYBERSECURITY
ARCHITECT**

CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**CYBERSECURITY
ARCHITECT**

**CYBERSECURITY
CRISIS MANAGER**



PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**CYBERSECURITY
ARCHITECT**

CRYPTOLOGIST



SECURITY SYSTEMS ADMINISTRATOR



CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**CYBERSECURITY
ARCHITECT**

**CYBERSECURITY
CRISIS MANAGER**

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

CYBERSECURITY
ARCHITECT

CRYPTOLOGIST

SECURITY
SYSTEMS

ADMINISTRATOR

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

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ARCHITECT

CYBERSECURITY
CRISIS MANAGER



CYBERSECURITY TRAINER

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

CYBERSECURITY
CONSULTANT

CYBERSECURITY
ARCHITECT

CRYPTOLOGIST

SECURITY
SYSTEM

ADMINISTRATOR

CYBERSECURITY
TRAINER

ISSM

CURE

React | Investigate

Improve | Rebuild

CYBERSECURITY
CONSULTANT

INCIDENT
RESPONSE
ANALYST

CYBERSECURITY
ARCHITECT

CYBERSECURITY
CRISIS MANAGER

INFORMATION SYSTEMS SECURITY MANAGER (ISSM)

PREVENT

Research | Design

Raise awareness | Manage

ETHICAL HACKER

**CYBERSECURITY
CONSULTANT**

**CYBERSECURITY
ARCHITECT**

CRYPTOLOGIST

**SECURITY
SYSTEM**

ADMINISTRATOR

**CYBERSECURITY
TRAINER**

ISSM

CURE

React | Investigate

Improve | Rebuild

**CYBERSECURITY
CONSULTANT**

**INCIDENT
RESPONSE
ANALYST**

**CYBERSECURITY
ARCHITECT**

**CYBERSECURITY
CRISIS MANAGER**





TO REMEMBER:

CYBERSECURITY JOBS ARE VARIED AND MEANINGFUL



**BEWARE OF
APPAREANCES**

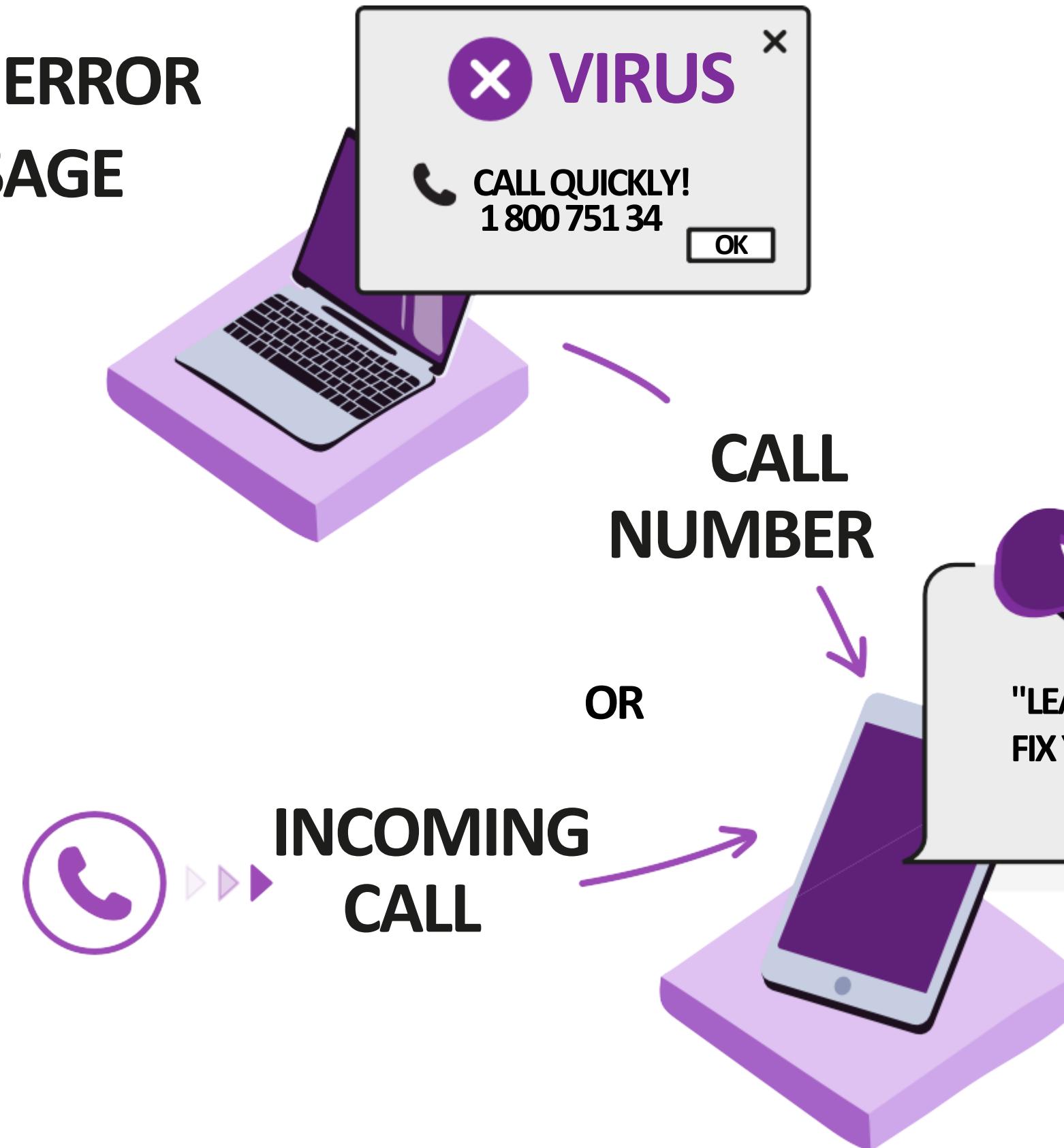


ACTIVITY 1

AVOID FAKE TECHNICAL SUPPORT SCAMS

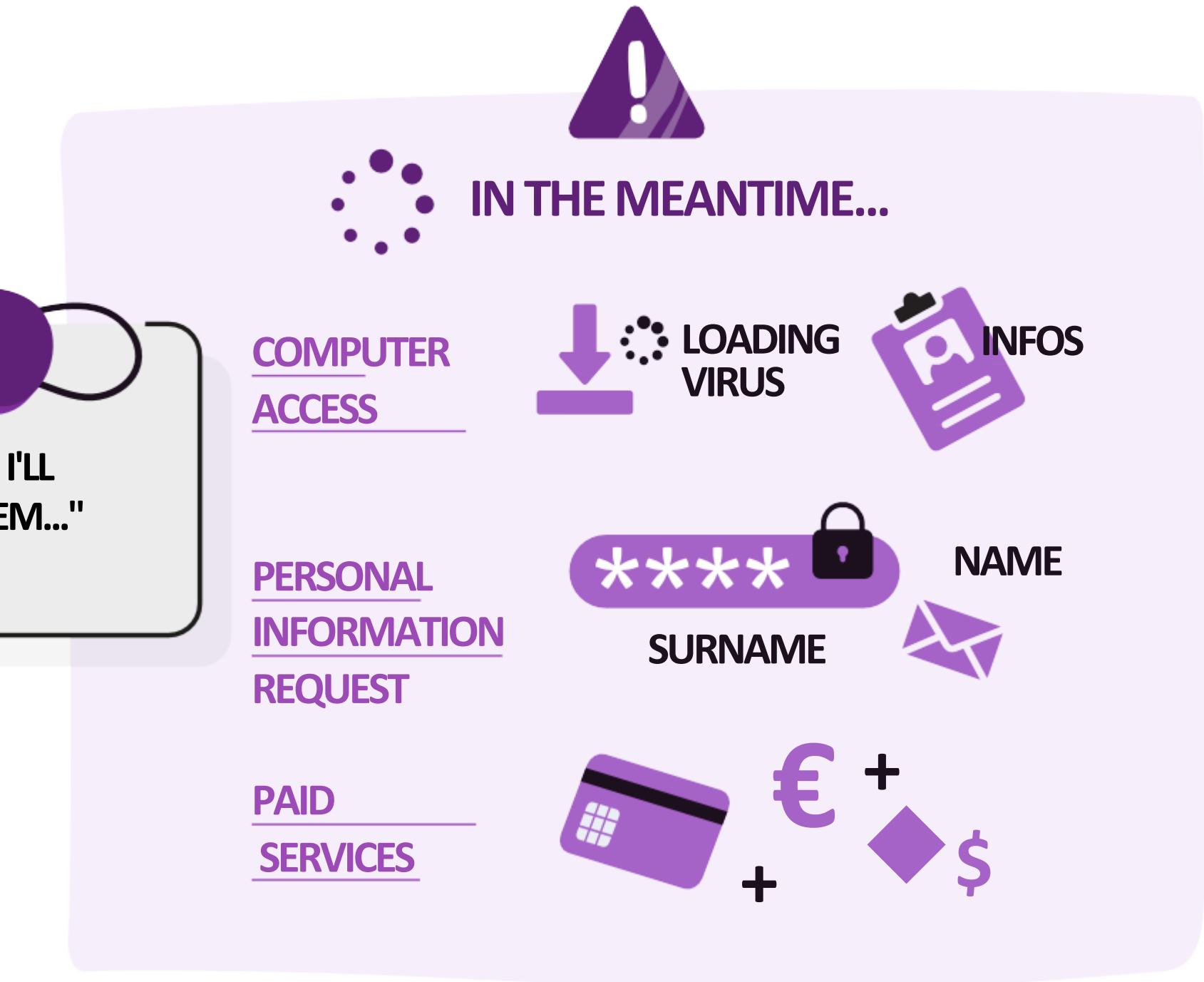
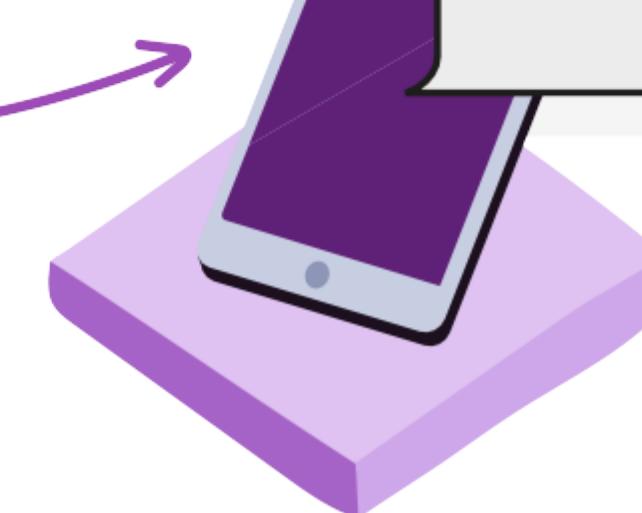
ACTIVITY 1

FAKE ERROR MESSAGE



CALL
NUMBER

OR



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?

The screenshot shows a Google Mail inbox with a single email listed. The subject is '(no subject)'. The sender is 'World Health Organization <eeeeekrodou@sch.gr>'. The date is 'Fri, 1 May 2020, 13:26'. The email content is as follows:

--
World Health Organization(WHO) and United Nations(UN) swings into action.

You are Entitled to \$50,000 USD per week relief grant, in a bid to control the spread of the COVID-19 pandemic. Respond with the below details for claims.

Full Names:
Contact Address:
Occupation:
Phone Number:
Valid Identification:

Thanks and my best regards to your family,

Timmy Bridges
Health Communications Manager
United Nations Foundation

At the bottom are two buttons: 'Reply' and 'Forward'.

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!



https://mail.google.com/mail/u/0/?ui=2&view=btop&ver=i7iyx0m0rxgx&cat=INBOX%2FPhising&sear...

(no subject) ➤ INBOX/Phising X

World Health Organization <eeeeekrodou@sch.gr> Fri, 1 May 2020, 13:26 ☆ ↶ :

✉ to ▾

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Thanks and my best regards to your family,

Timmy Bridges
Health Communications Manager
United Nations Foundation

Reply Forward

TO CLICK OR NOT TO CLICK?

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

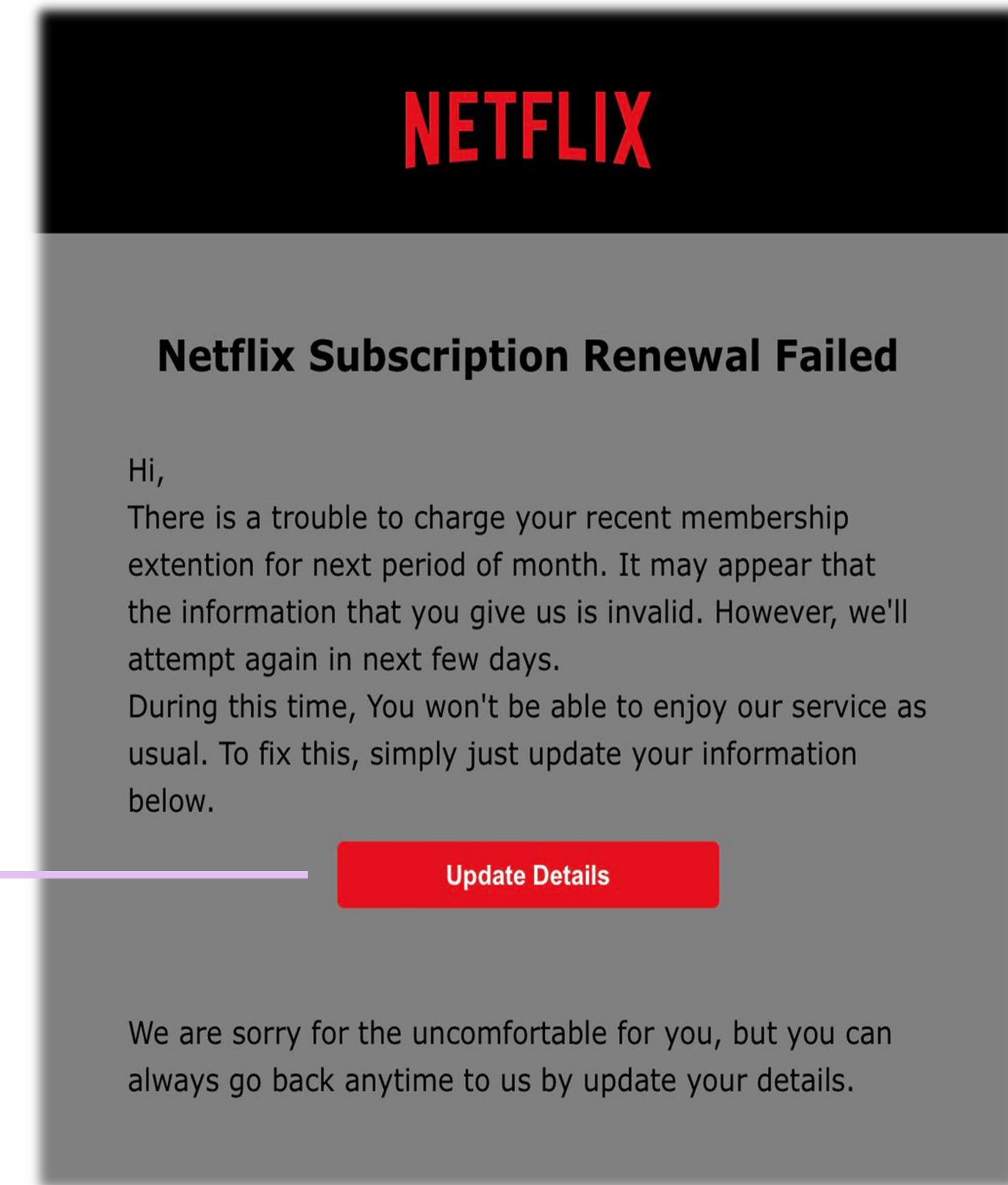
TO CLICK OR NOT TO CLICK?



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?



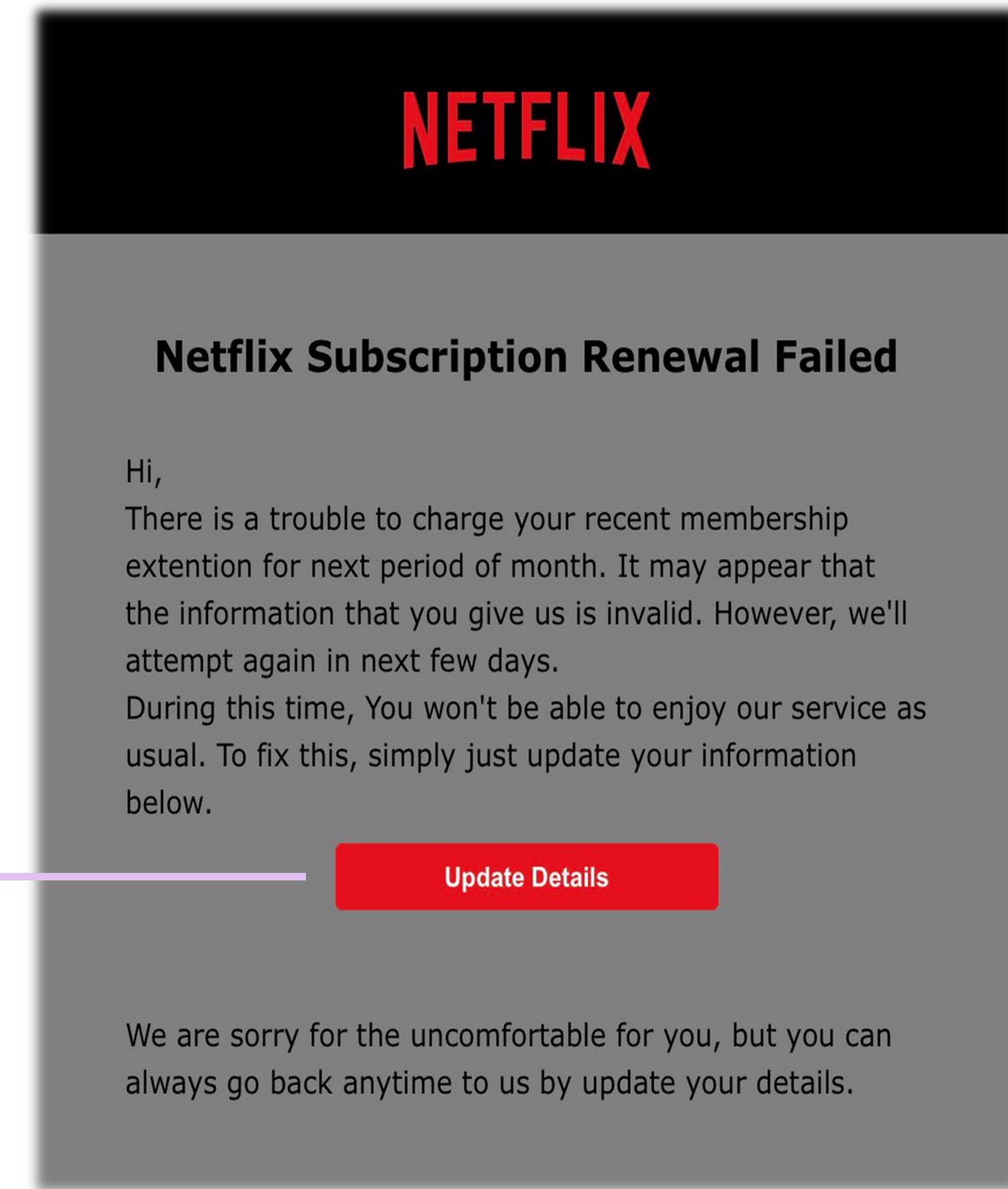
<http://impresasavoldelli.it>

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>





TO CLICK OR NOT TO CLICK?

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



Amazon Update <AmazonUpdate@efficaciousrbays.xyz>
to me

A 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! @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

A 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/>



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
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PAY ATTENTION
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CHECK
THE LINKS

HOW TO SPOT A SCAM RECEIVED BY EMAIL OR SMS?



BEWARE OF
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THE SENDER'S
EMAIL ADDRESS
IS NOT A
RELIABLE
CRITERION



CHECK
THE LINKS



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

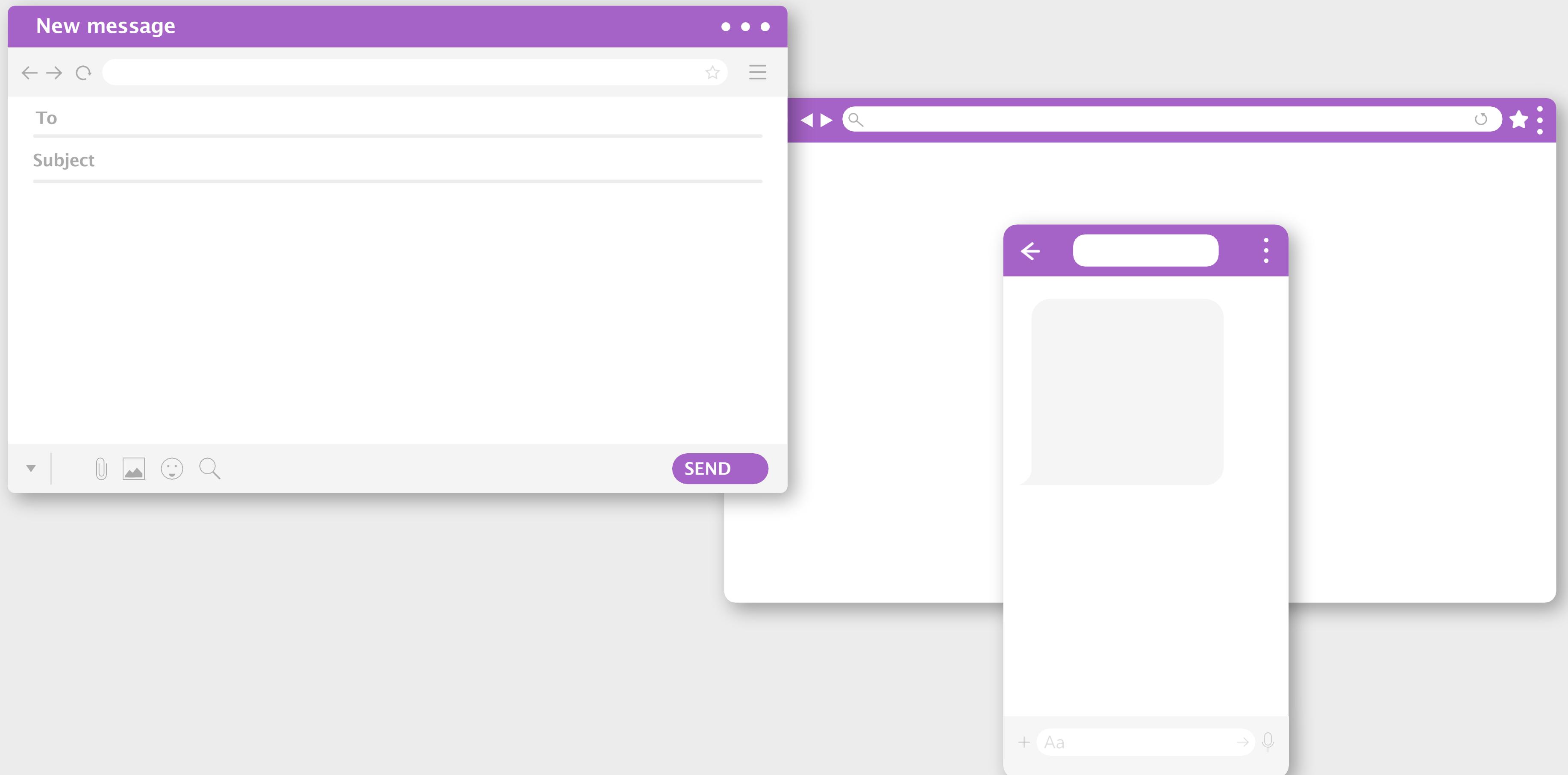


CREATE YOUR OWN



SCAM

ACTIVITY 2





**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 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!



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





**PROTECT
YOUR
ACCOUNTS
ONLINE**



ACTIVITY 1

A STRONG PASSWORD, IS YOUR BEST DEFENCE

ACTIVITY 1









**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)

ACTIVITY 1

CREATE A STRONG PASSWORD

CREATE A STRONG PASSWORD



COMPLETE

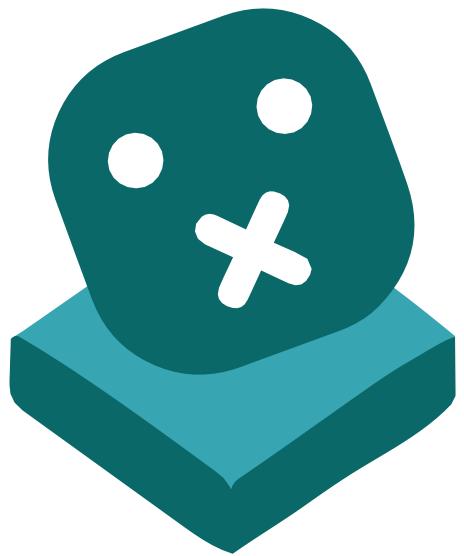
contains at least **14**
characters and **4 different**
types: lower case, upper
case, numbers and special
characters (!, ?, €, #...)

CREATE A STRONG PASSWORD



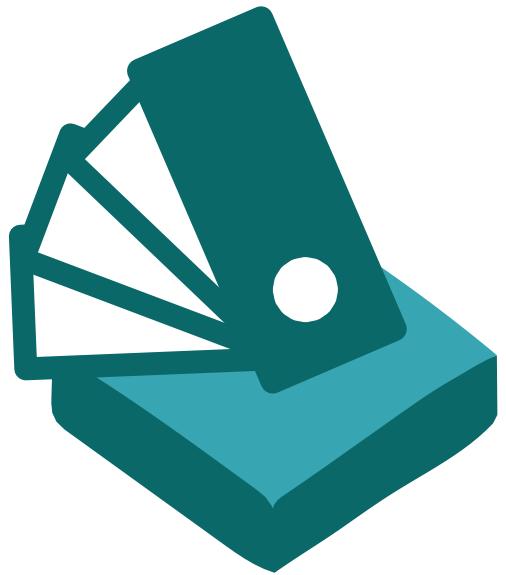
COMPLETE

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

ACTIVITY 1

2 TIPS:

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

lanah&ylwic!



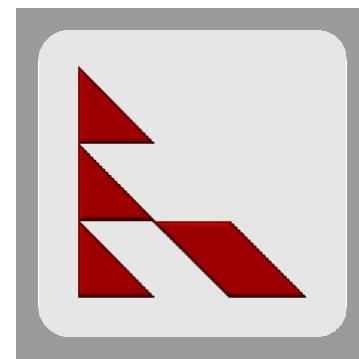
SwanEdgeDoorWork



PASSPHRASE

COMBINED WORDS

USE A PASSWORD MANAGER



PASSWORDSAFE



ZENWAY



KEEPASS

The screenshot shows the KeePass application window titled "My KeePass.kdbx - KeePass". The interface includes a toolbar with various icons, a search bar, and a context menu on the right side. The main area displays a table of saved entries:

Title	User Name	Password	URL	Notes
Airbnb	*****	*****	https://www.airbnb.fr/	
Amazon	*****	*****	https://www.amazon.fr/	
Booking	*****	*****	https://www.booking.com/	
Deezer	*****	*****	https://www.deezer.com/	
Discord	*****	*****	https://discord.com/	
DropBox	*****	*****	https://www.dropbox.com/	
Facebook	*****	*****	https://www.facebook.com/	
Gmail	*****	*****	https://mail.google.com/	
Hotmail	*****	*****	https://outlook.live.com/	
Instagram	*****	*****	https://www.instagram.com	
LinkedIn	*****	*****	https://www.linkedin.com/	
Netflix	*****	*****	https://www.netflix.com	
Outlook	*****	*****	https://www.outlook.com	
Paypal	*****	*****	https://www.paypal.com	
Steam	*****	*****	https://store.steampowered.com	
Twitter	*****	*****	https://twitter.com/	
Uber	*****	*****	https://www.uber.com	

At the bottom of the window, there is a status bar with the text: "Group: Perso, Title: LinkedIn, User Name: ***** , Password: ***** , URL: https://www.linkedin.com/ , Creation Time: 9/1/2014 9:27:21 PM, Last Modification Time: 3/30/2022 8:58:56 AM".

IS YOUR PASSWORD COMPROMISED?

';--have i been pwned?

Check if your email or phone is in a data breach

email or phone (international format)

pwned?



ACTIVITY 1



TO REMEMBER:

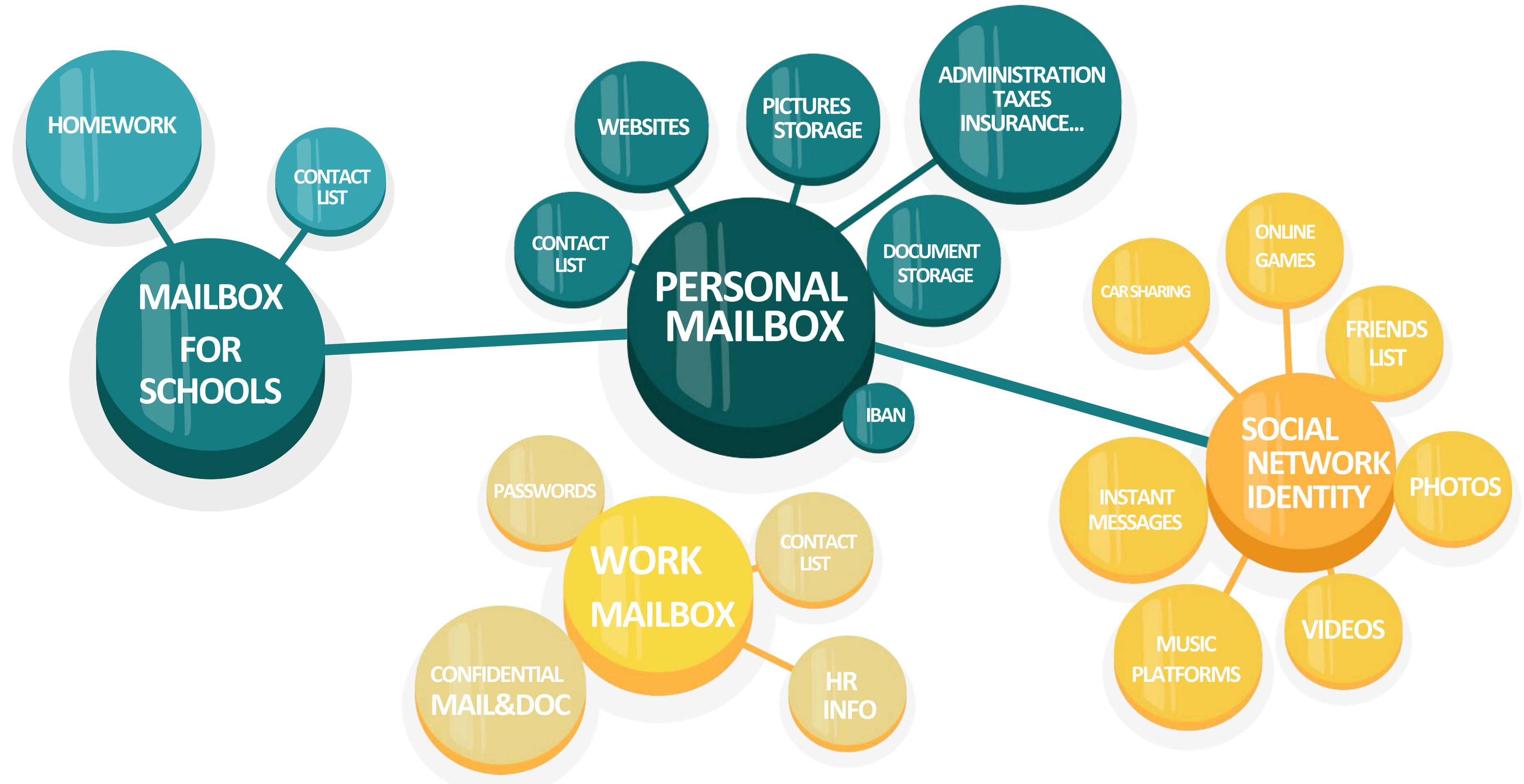
**SECURE ACCOUNTS AND DEVICES WITH STRONG PASSWORDS
OR PASSPHRASES**

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

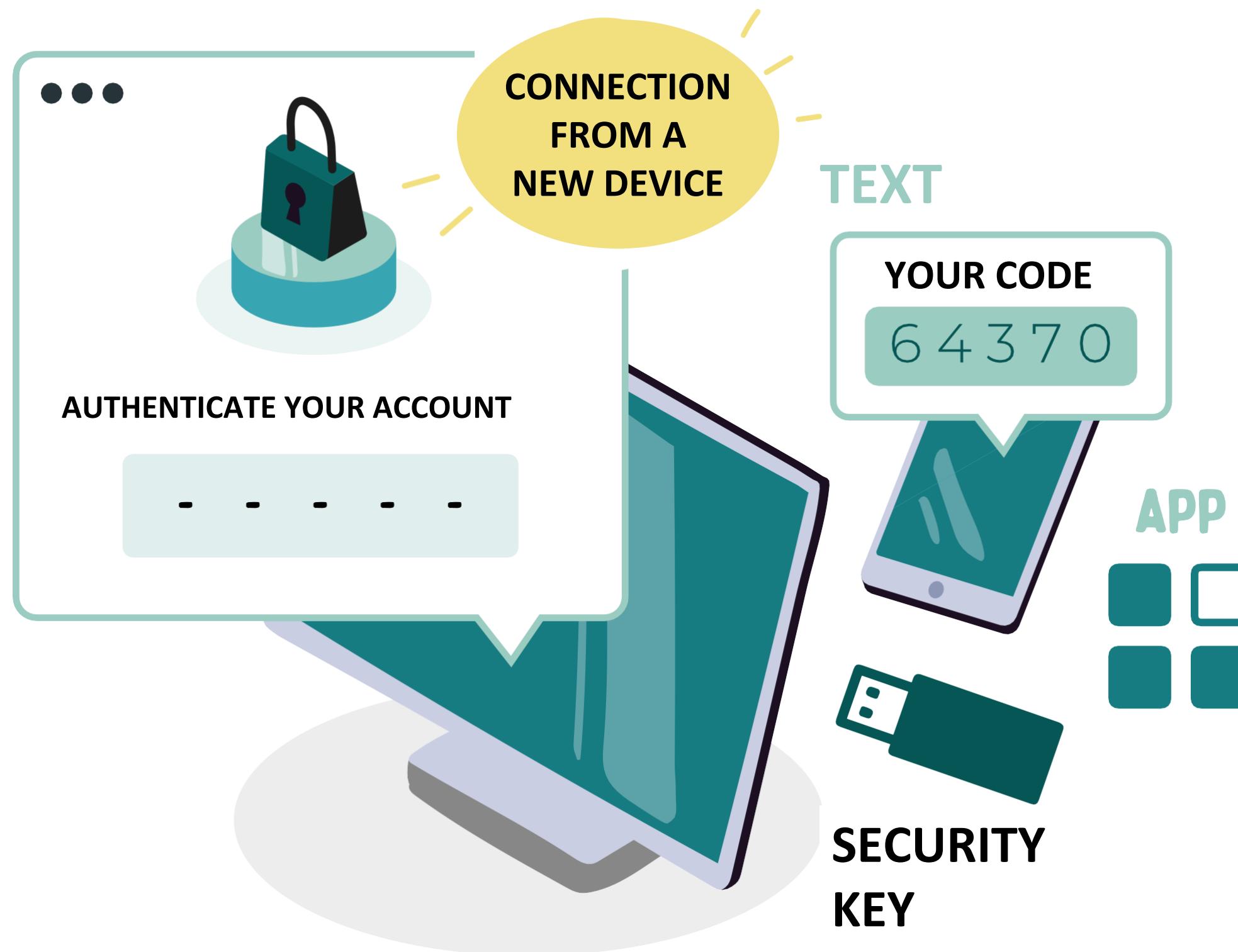


ACTIVITY 2

PROTECT YOUR MOST IMPORTANT ACCOUNTS ONLINE



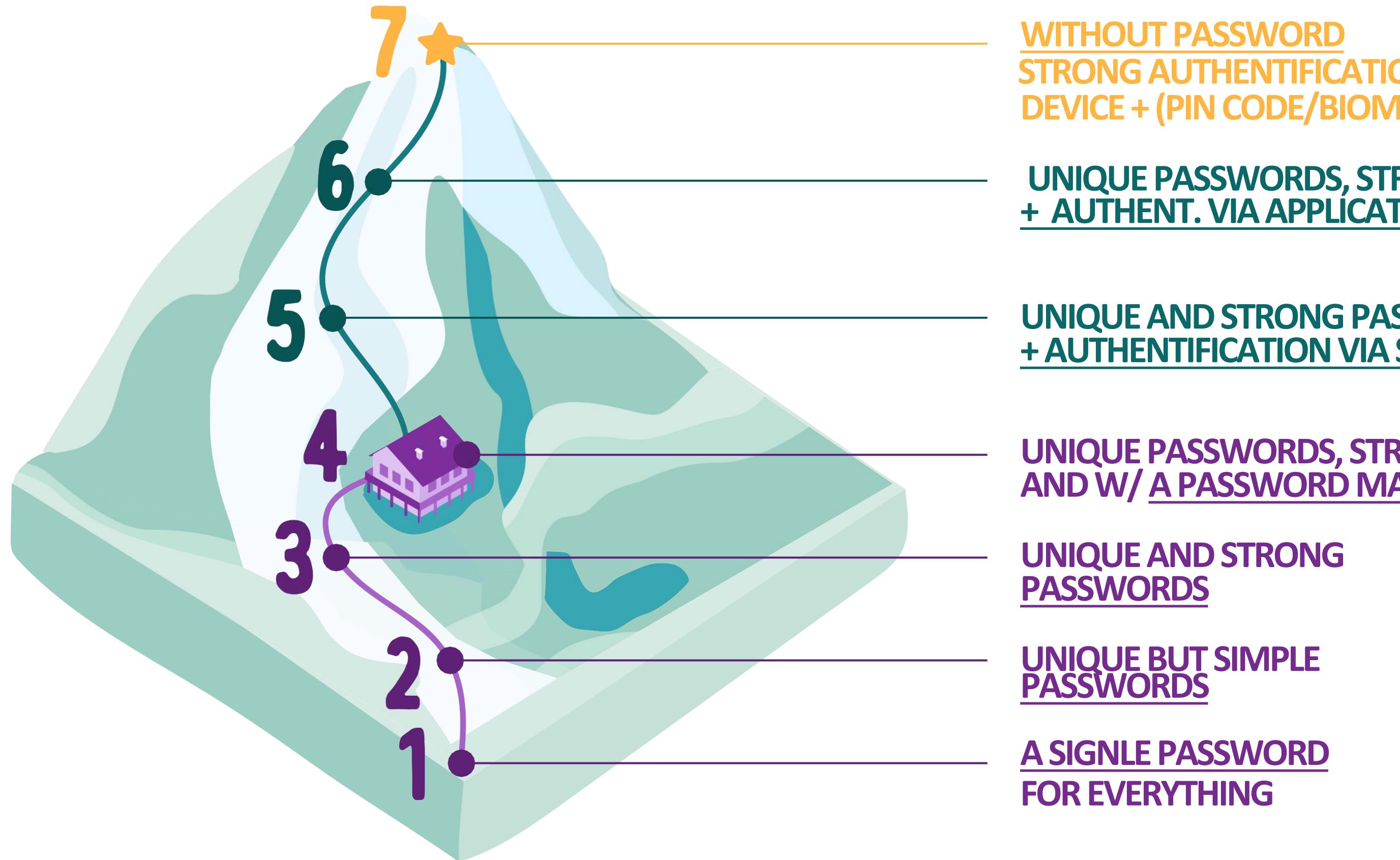
HOW DOES TWO-FACTOR AUTHENTICATION WORK?



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!



MAILBOX,
SOCIAL
NETWORKS
AND BANK
ACCOUNT

OTHER
WEBSITES



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

JOB^S 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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