

Camarines Sur Polytechnic Colleges
COLLEGE of COMPUTER STUDIES

Security Awareness

The Human Factor in Cybersecurity

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Notable Cyber attacks in the Philippines

NEWS Filtered by: Topstories

PhilHealth hit by Medusa ransomware, aims for site restoration by Monday

By GMA Integrated News
Published September 24, 2023 11:08pm

ABS-CBN Halalan 2025 Entertainment News Metro.Style Sports More ▾ 31 °C Manila

Business

Bangko Sentral approves sanctions vs BDO, UnionBank over 2021 hacking

ABS-CBN News
Published Apr 28, 2022 05:50 PM PHT | Updated Apr 28, 2022 08:29 PM PHT

MANILA (UPDATE) - The Bangko Sentral ng Pilipinas has approved sanctions against BDO Unibank and UnionBank of the Philippines over the hacking incident that affected depositors in December last year.



Mar 9, 2025 INQUIRER.NET Notifications  Today's Paper 

NEWS GLOBAL NATION BUSINESS LIFESTYLE ENTERTAINMENT TECHNOLOGY SPORTS OPINION
LATEST NEWS STORIES HEADLINES METRO REGIONS NATION WORLD CDN NEWSLETTER

HEADLINES

IN THE KNOW: The 2016 ‘Comeleak’

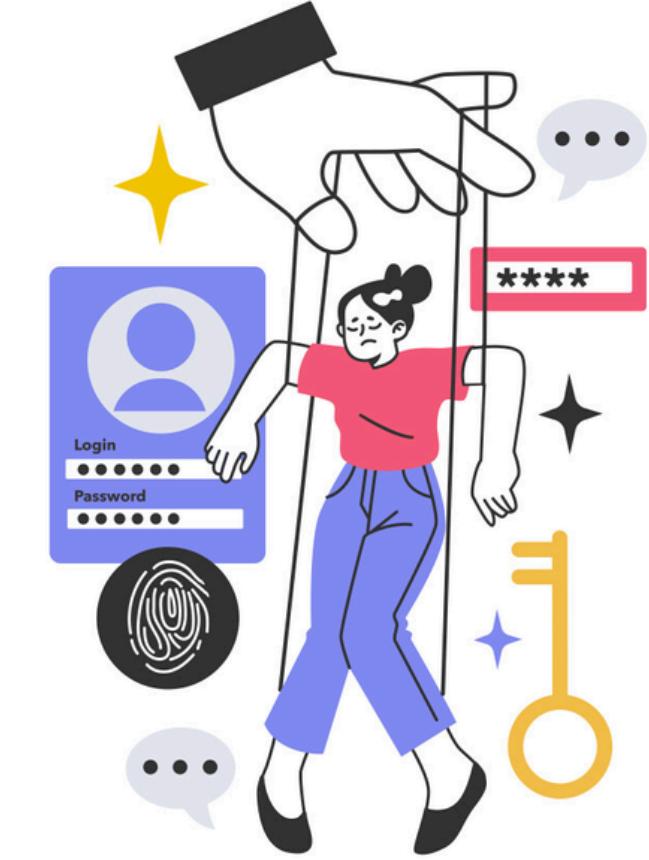
Philippine Daily Inquirer / 04:36 AM January 12, 2022

Possible impacts to Members

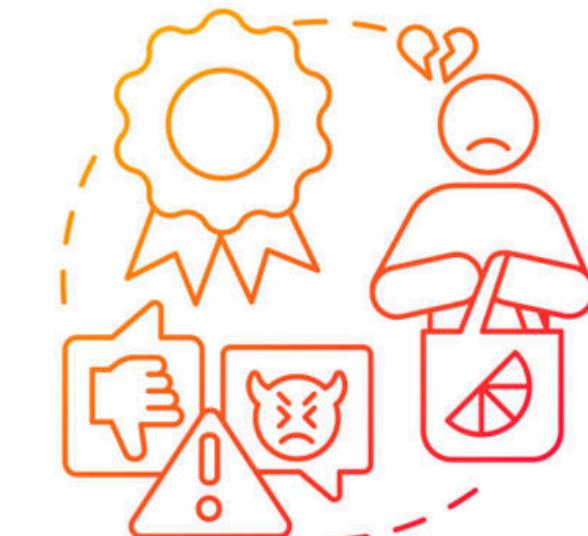
PhilHealth Medusa Attack



Identity Theft and Fraud



Social Engineering



REPUTATIONAL RISK



Claim Issue

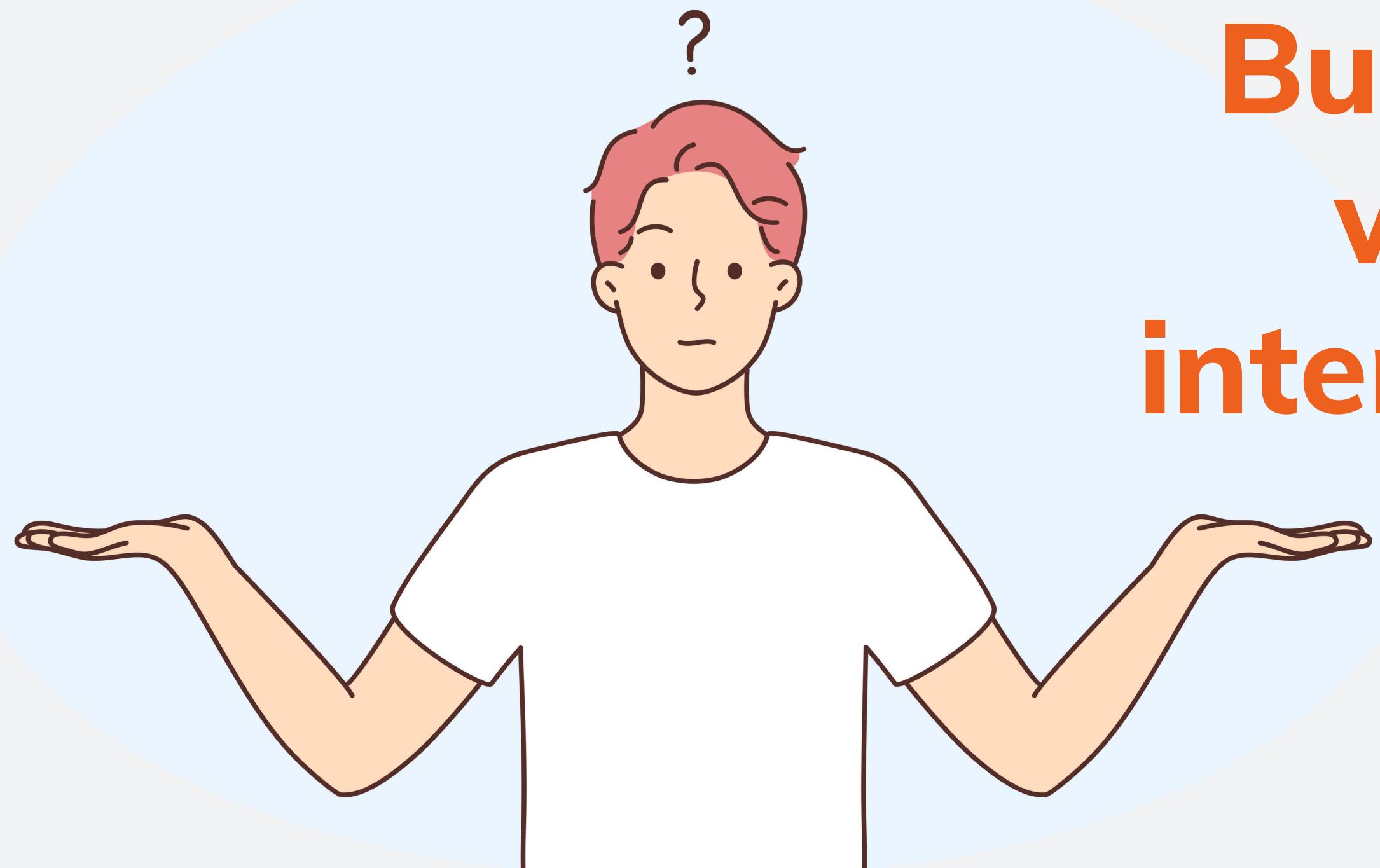


**What do you
believe is the most
vulnerable aspect
of an organization?**



Humans are often the weakest link in cybersecurity within an organization.

Even with the best security tools in place, human error can still lead to breaches.



**But an attacker
wouldn't be
interested in me ...**

Wrong!

**You are exactly
what an attacker
wants.**





Access to Company Systems



Phishing Attacks

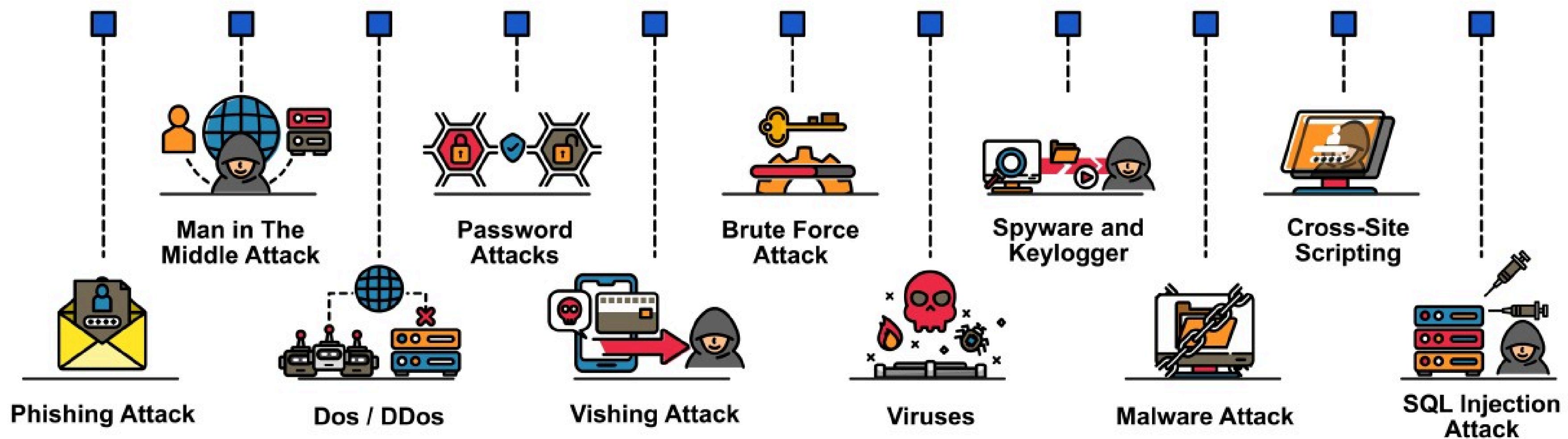


Weak Passwords & Credential Reuse



Personal Devices & Shadow IT

CYBER SECURITY ATTACKS



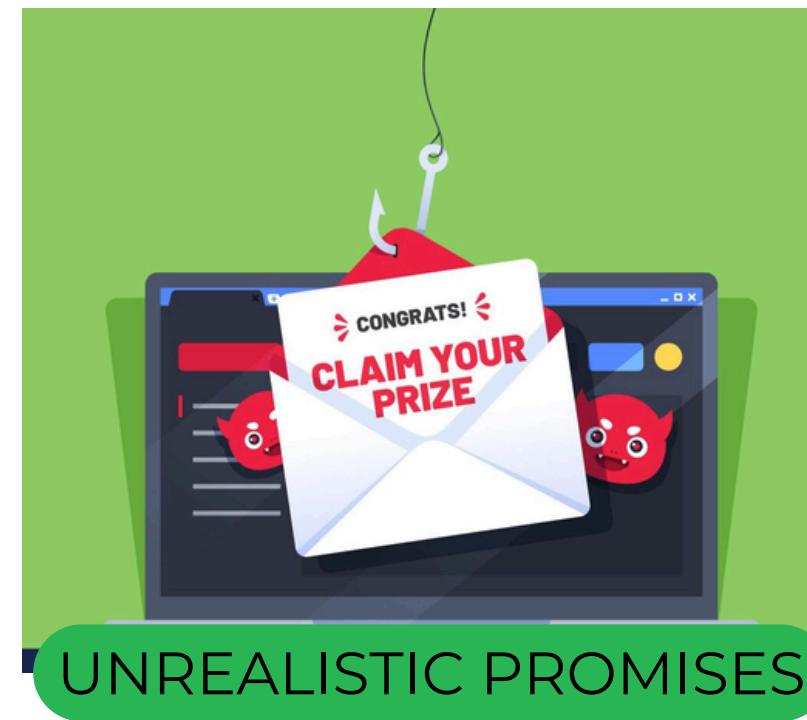
Why is Phishing such a Big Deal?

Types of Phishing

- ✉ Email Phishing
- 📱 SMS Phishing (Smishing)
- 📞 Phone Call Phishing (Vishing)
- 🌐 Fake Websites



How to spot Phishing Attack?



Examples of Phishing Emails

From Netflix <notification+zj462tocfyjc@pausemassagethe...★

Subject Payment declined

To [REDACTED]

NETFLIX

Payment declined

Hi,

We attempted to authorize the Amex card you have on file but were unable to do so. We will automatically attempt to charge your card again within 24-48 hours.

Update the expiry date and CVV (card verification value) for your Amex card as soon as possible so you can continue using it with your account.

UPDATE PAYMENT

We're here to help if you need it. Visit the Help Centre for more info or contact us.

– Your friends at Netflix

Netflix Feedback

Congratulations! A Netflix reward has arrived!

To:

Reply-To: info@foodstampnews.com

??

CONGRATS!

You Can Get \$50 NETFLIX Gift Card



NETFLIX
GIFT CARDS
\$50

Your Opinion is Important!

Take a Survey to Claim Your \$50 NETFLIX Reward - click below to get started

CLICK HERE

115 E 23rd St New York, NY, US 10010
[Unsubscribe here](#)

0

Ransomcloud - Hacking Demonstration with Kevin Mitnick



Copy link

RANSOMCLOUD HACKING DEMONSTRATION WITH KEVIN MITNICK



Watch on



How to Avoid Phishing Attacks



VERIFY THE SENDER

- ✓ Always check the email address or phone number carefully.
- ✓ Be cautious if it's from an unknown sender or looks slightly off (e.g., support@paypal.com instead of support@paypal.com).



DON'T CLICK SUSPICIOUS LINKS

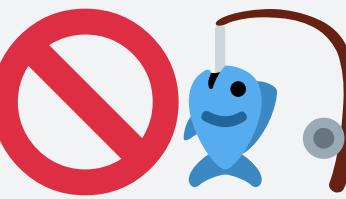
- ✗ Hover over links before clicking to see the actual destination.
- ✗ Avoid shortened links (bit.ly, tinyurl) unless you're sure of the source.
- ✓ Instead of clicking links in emails, go directly to the official website.



NEVER SHARE PERSONAL INFORMATION

- ✗ No legitimate company will ask for your passwords, OTPs, or bank details via email or text.
- ✓ If in doubt, call the company using their official number (not the one in the email).

How to Avoid Phishing Attacks



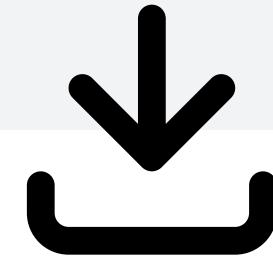
ENABLE TWO-FACTOR AUTHENTICATION (2FA)

✓ Even if hackers steal your password, 2FA adds an extra security layer by requiring a second code (e.g., from an app or SMS).



WATCH FOR URGENT OR SCARE TACTICS

- ✗ Phishing emails often say things like:
- "Your account has been compromised! Act now!"
 - "Your payment failed. Click here to update your details."
- ✓ Always pause and verify before taking action.

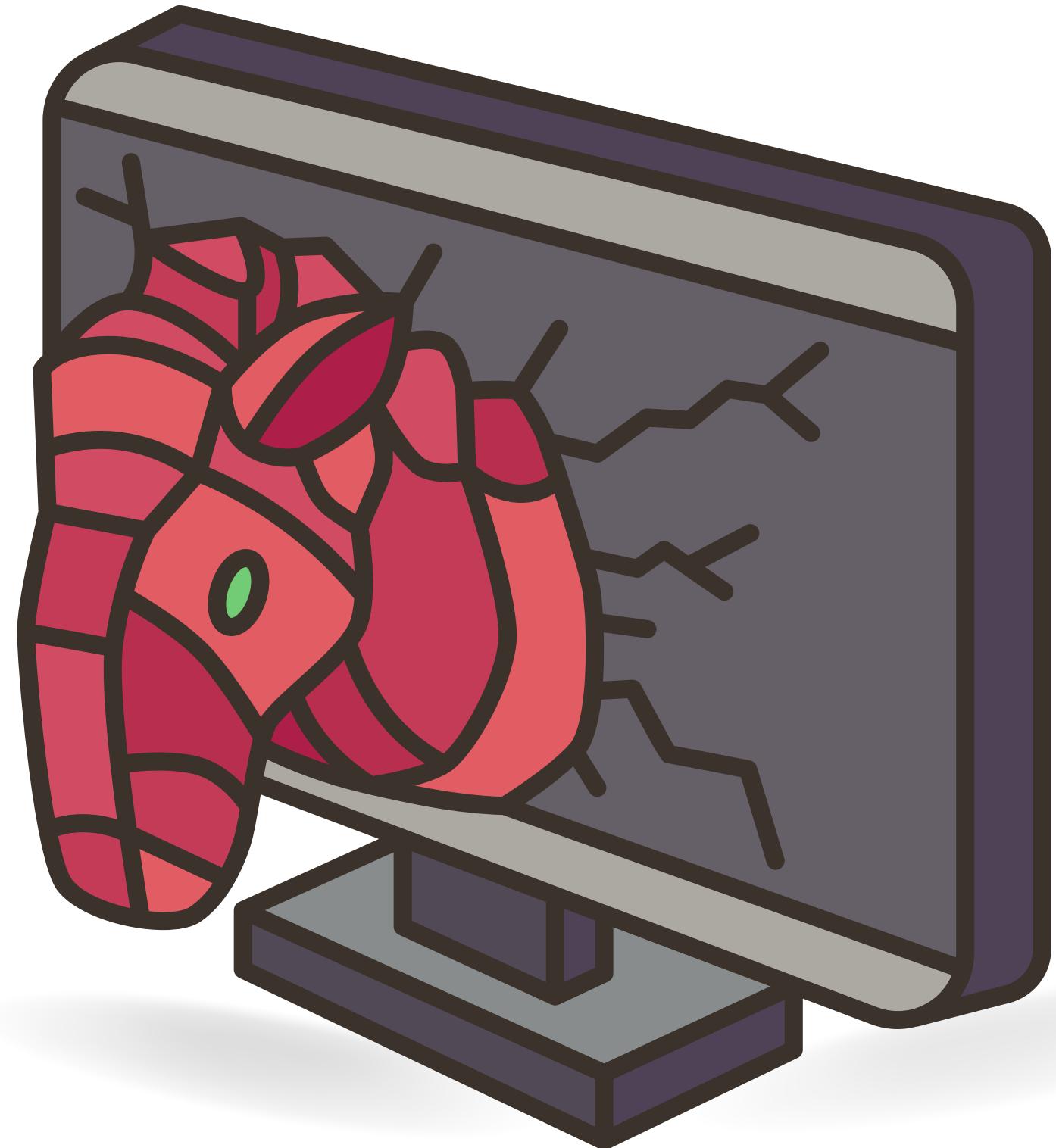


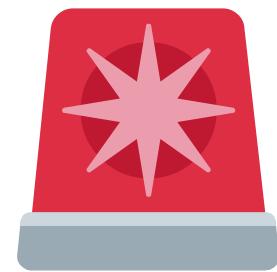
DON'T DOWNLOAD UNKNOWN ATTACHMENTS

- ✗ Malware can be hidden in files like .exe, .zip, .pdf, or .docx.
- ✓ Only open files from trusted sources.

Malware

Any software
designed by
cybercriminals to
harm or exploit a
device or network





Malware indicators

Performance Issues

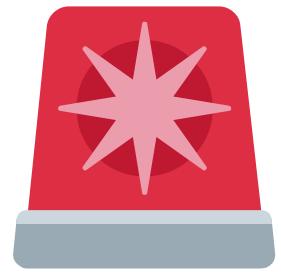




Malware indicators

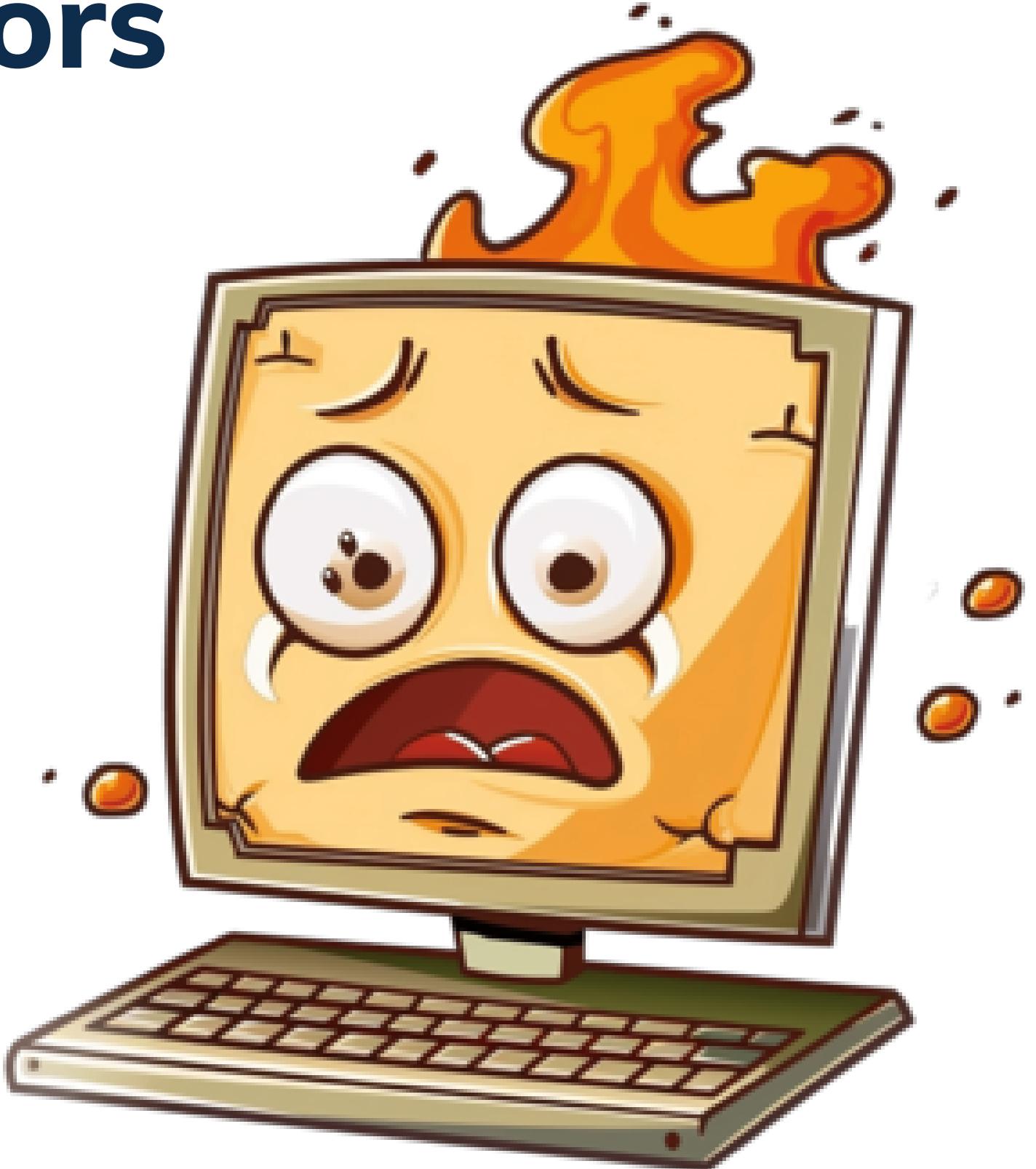
Suspicious Pop-ups & Ads





Malware indicators

**Device Overheating or
Loud Fan Noise**



From: Susan Fry [<mailto:sfry@yourcompany.com>]
Sent: Tuesday, January 9, 2018 9:25 AM
To: Hamil, James <james.hamil@yourcompany.com>
Subject: Please handle ASAP

– External email. Forward any suspicious emails to bad@yourcompany.com –

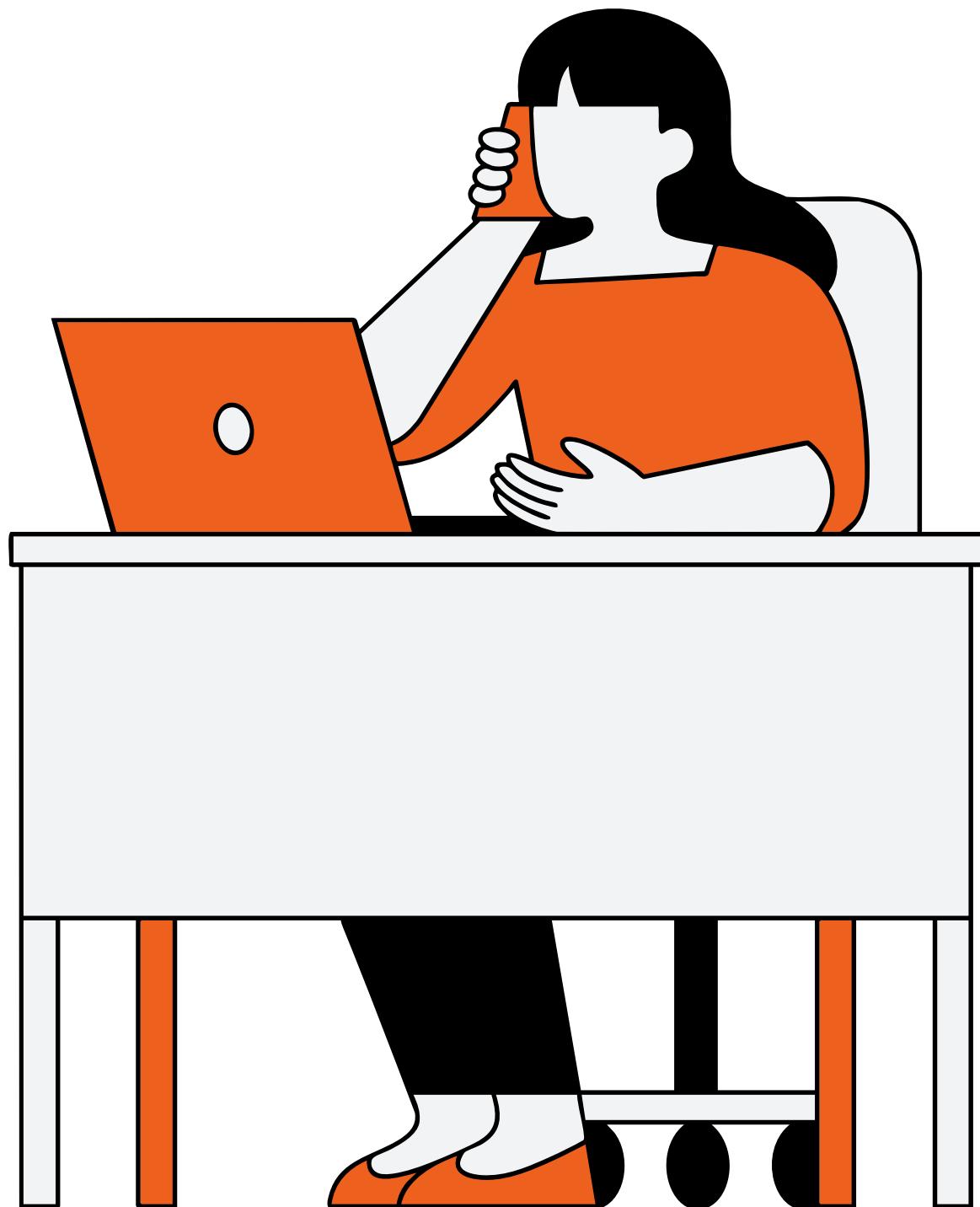
Business Email Compromise

Hi James,

I'm currently tied up in a meeting for the next six hours, but we have a vendor saying we're late on paying an invoice. Can you handle the attached ASAP? I can't take calls, so just email me if you have questions.

Susan Fry
Chief Operating Officer
sfry@yourcompany.com

Sent from my iPhone, please excuse typos



What should you do?

Verify the request through other means of communication



Inside Threat

Misuses access to the organization's networks, systems, and data to get revenge or negatively impact the organization.



Possible behaviors:

Copying or Researching
information unrelated to
their job

Initiating unauthorized
Access

Creating unauthorized
accounts on the
organization's systems



**What else can we do to
stay safe?**



General Tips and Privacy

Backup

Backups serve as the last line of defense when everything else fails.



Regular Updates

What was secure yesterday,
may not be sucure today.



It is all about Passwords.

Keep your passwords in a secure locations



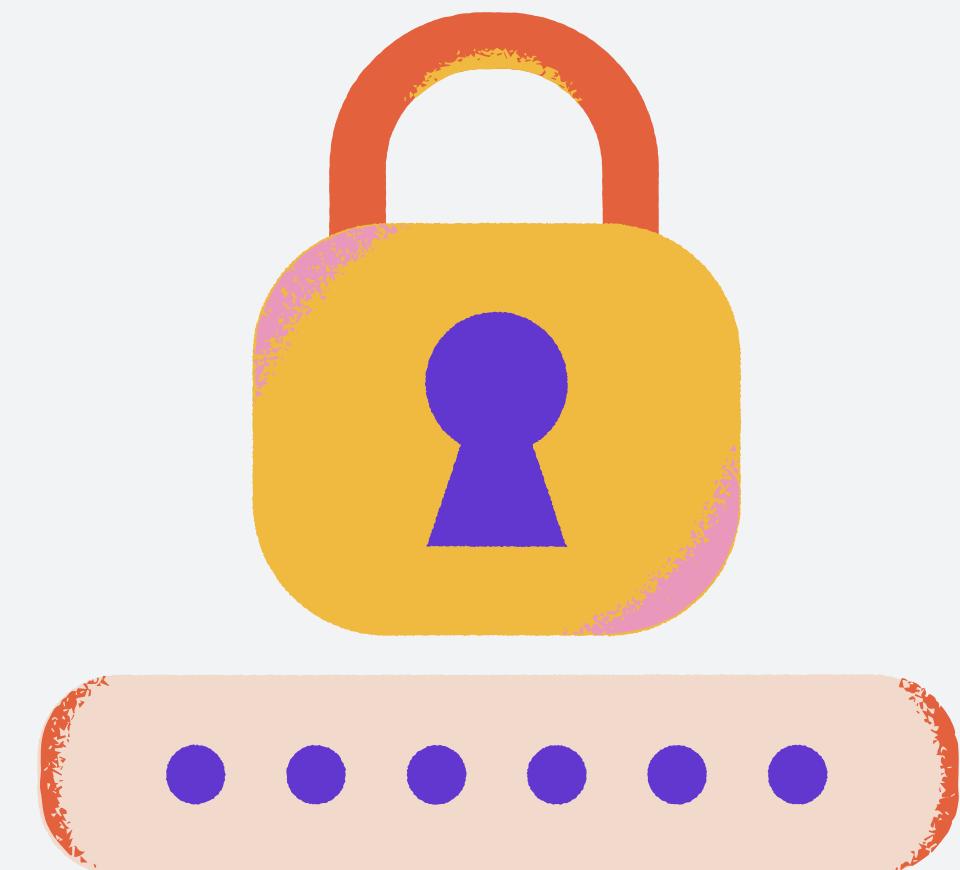
Sticky notes



Word, excel



Password Manager



**Passphrases, not
Passwords.**



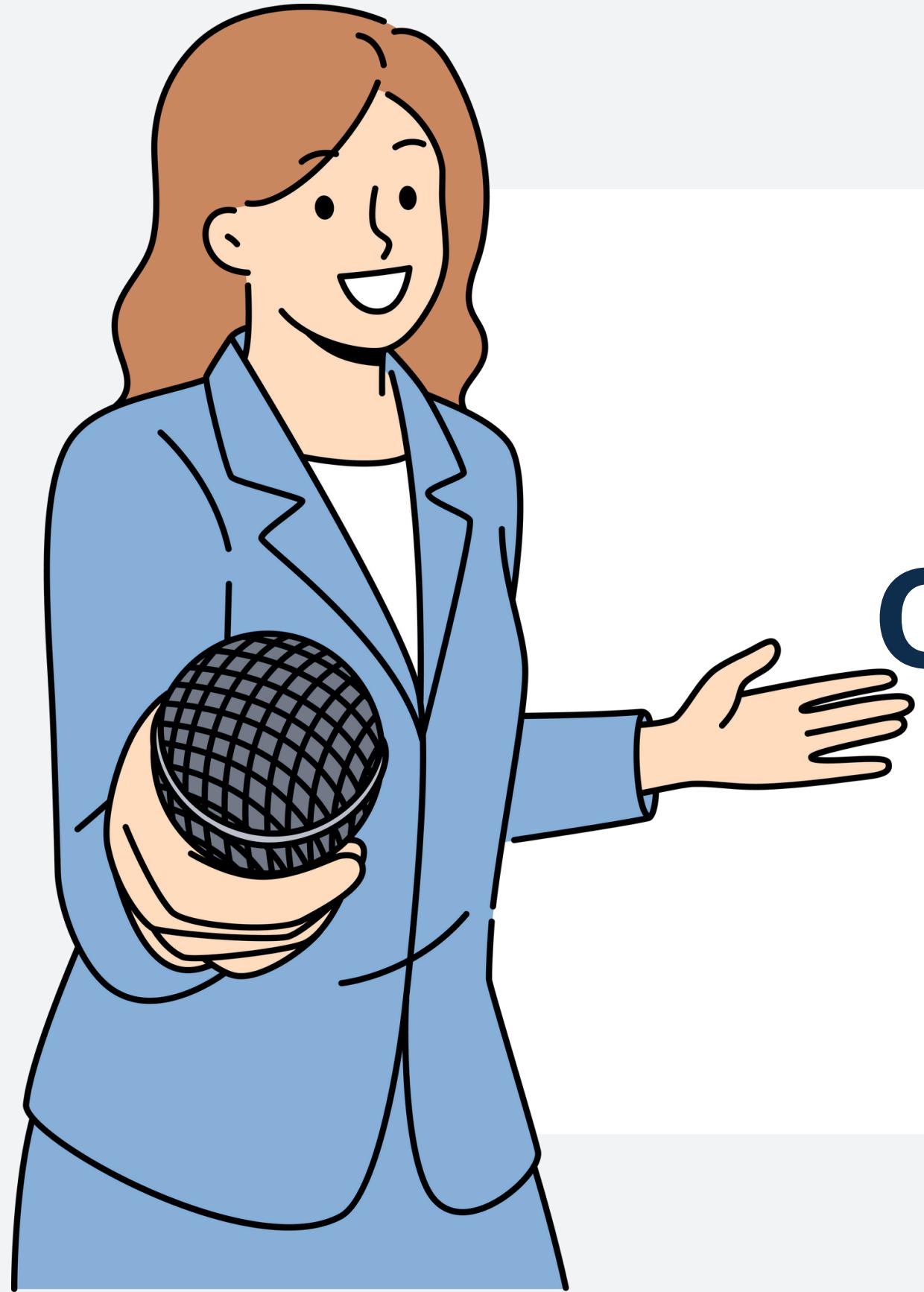
USB Drives



Data is the new Gold > your data is valuable!

If you're not paying for it, does that mean you're the product?





Questions?

Thank
you!