WORLDWIDE ATTACKS - LIVE ⓘ

Show attack sites on map from yesterday (2019-02-26)

| TOP 3 ATTACK ORIGINS | TOP 3 ATTACK TARGETS | TOP ATTACK TYPES | TOP 3 ATTACKER IP ADDRESS | ATTACK SITE STATISTICS ON FEB 26 |

Robert Williams

CEO of Compsys. Robert founded Compsys in 1991. Over the last 28 years, IT needs for businesses have evolved. Robert navigated Compsys through the years to adapt to the changes in data security protocol, IT planning and implementation among many other facets of IT policy and best practices.

Justin Lloyd

IT Sales Consultant for Compsys. Justin joined Compsys in 2010 with a focus on growing Compsys' market share in Arkansas. Justin has been on the forefront of onboarding many different businesses with Compsys' IT solutions over the last 9 years. Justin has developed business acumen specifically related to data protection, disaster recovery, backups and email policy.

Cybersecurity
Threats

Agenda

8 Common Cyber Threats

What the particular threat is

How the threat works

How to Protect Yourself

https://youtu.be/4gR562GW7TI

Types of Cyberattacks

Malware	Phishing	Password Attacks	DDoS
01	02	03	04

Man in the Middle	Drive-By Download	Malvertising	Rogue Software
05	06	07	08

Malware

MALWARE

Computer Virus

Spyware

Adware

Worms
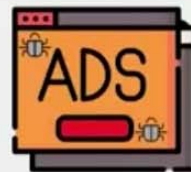
Trojan Horse
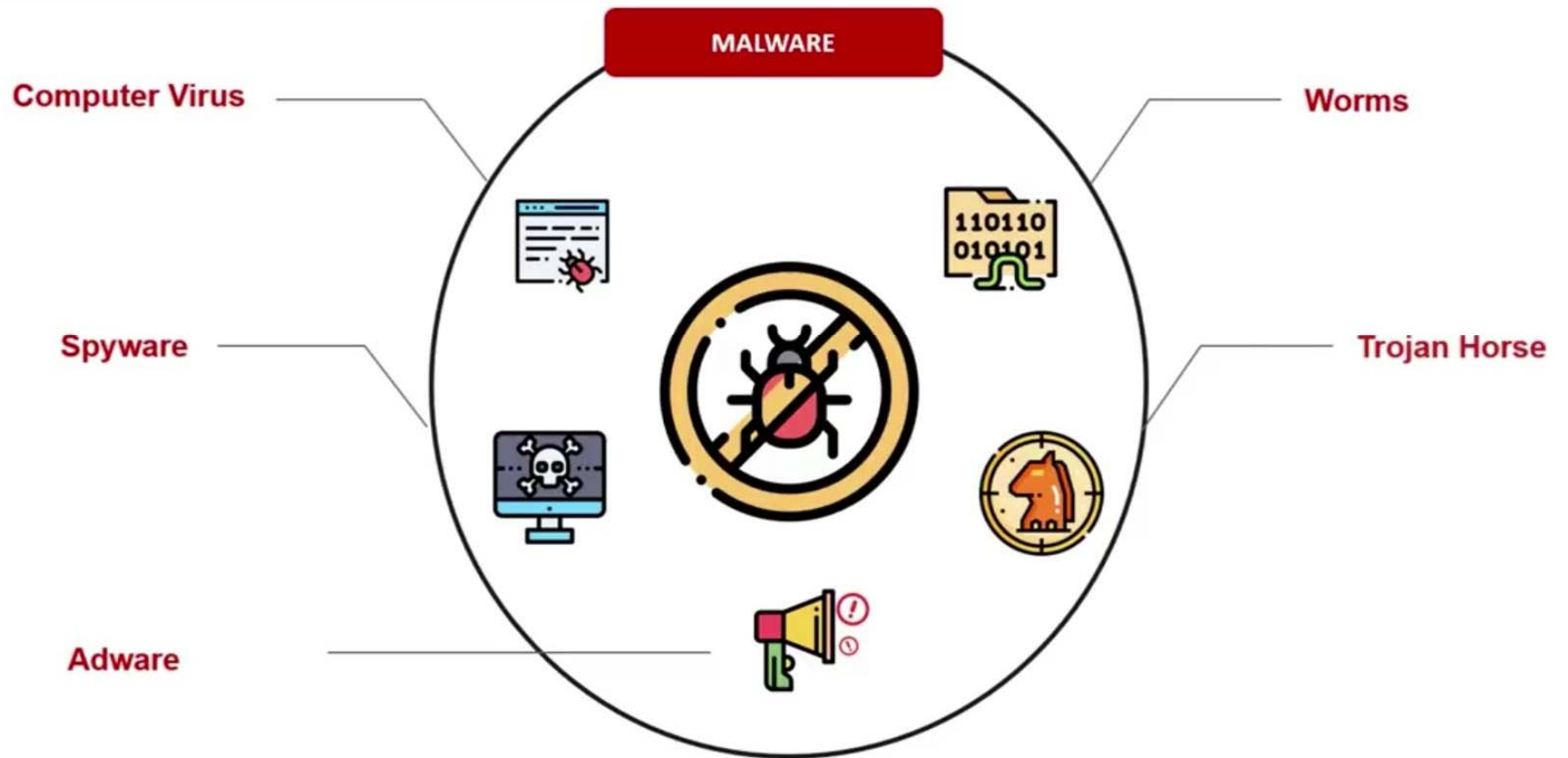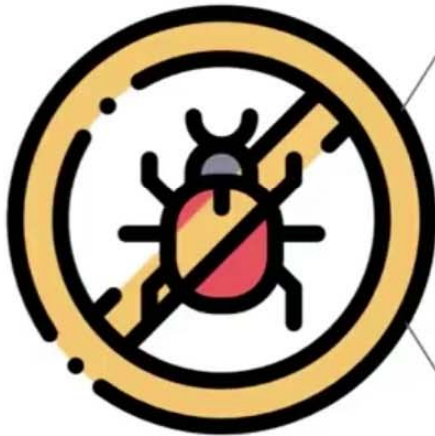
How Malware

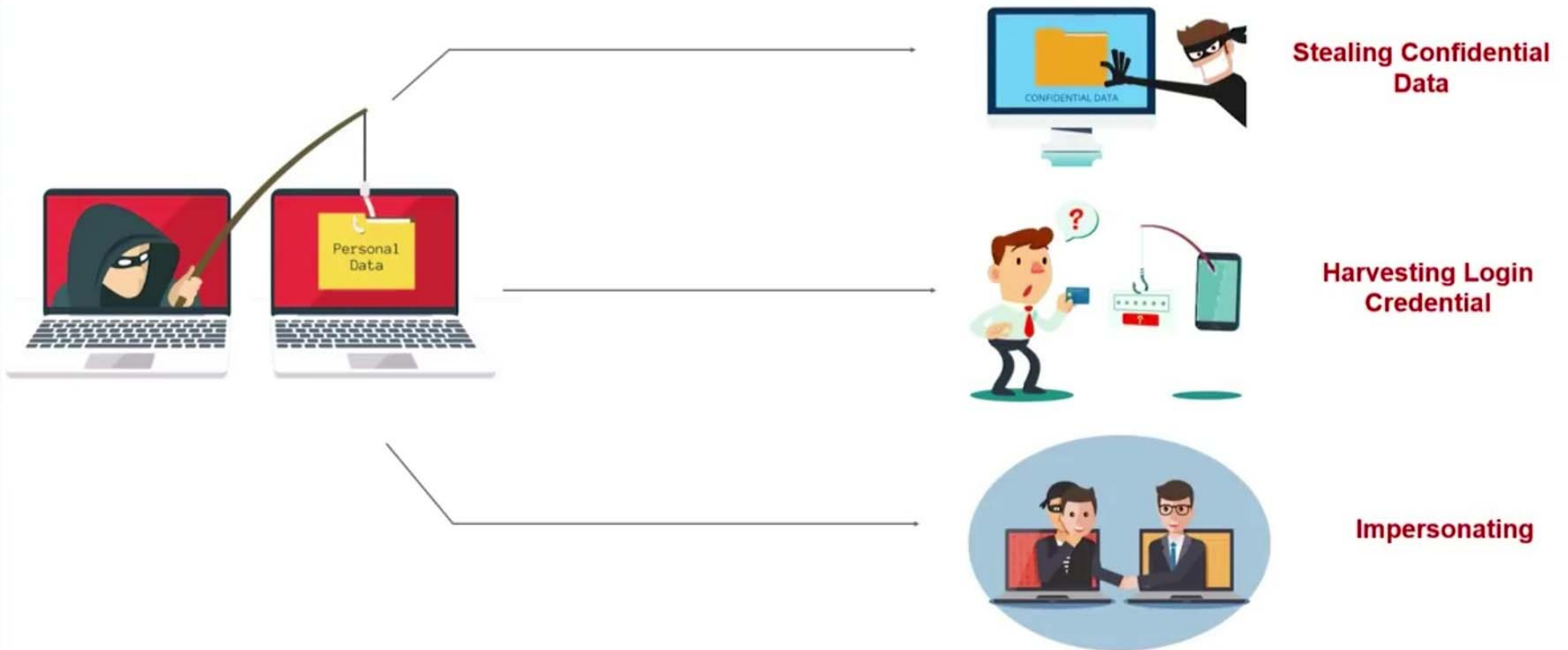**Email Attachments**

Software Downloads

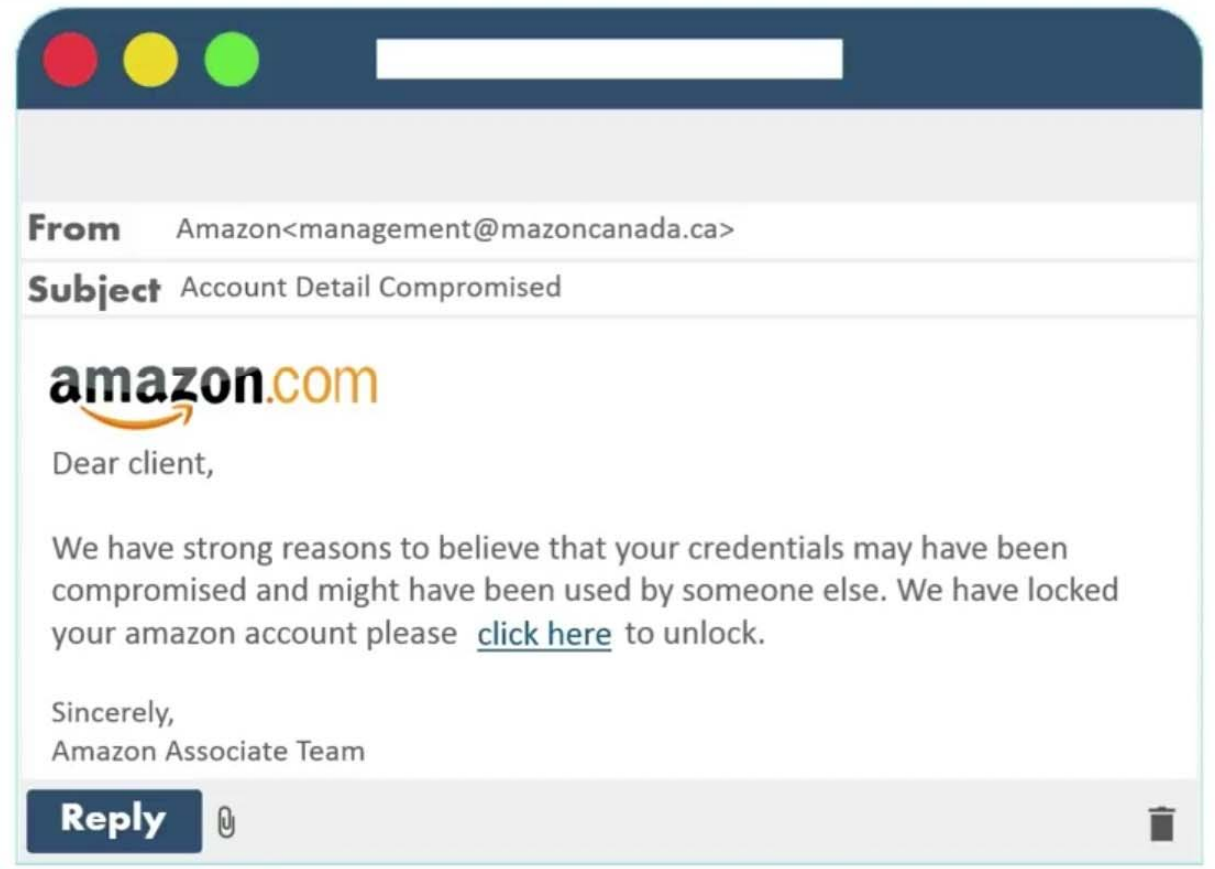**OS Vulnerabilities**

Phishing

Most of the attacks on financial institutions the past 3 years have NOT been through brute force attacks on firewall appliances, it has been through acquiring users' passwords, this technique is called "Phishing"

What is phishing used for

Stealing Confidential Data

Harvesting Login Credential

Impersonating

Phishing Awareness

From Amazon<management@mazoncanada.ca>

Subject Account Detail Compromised

amazon.com

Dear client,

We have strong reasons to believe that your credentials may have been compromised and might have been used by someone else. We have locked your amazon account please click here to unlock.

Sincerely,
Amazon Associate Team

Reply

Phishing Awareness

Always check the sender email address ——

From   Amazon<management@mazoncanada.ca>

Subject   Account Detail Compromised

amazon.com

Look out for common generalised addressing ——

Dear client,

We have strong reasons to believe that your credentials may have been compromised and might have been used by someone else. We have locked your amazon account please **click here** to unlock.

Always hover over links to check the redirect address ——

Sincerely,
Amazon Associate Team

Reply 📎   🗑

localhost

facebook

Email or Phone

thisisanemail@gmail.com

Password

••••••••

Log In

Forgotten account?

Facebook helps you connect and share with the people in your life.

Create an account

It's free and always will be.

| First name | ⊗ | Surname |

Mobile number or email address

New password

Birthday

| 16 ▾ | Jul ▾ | 1993 ▾ | Why do I need to provide my date of birth? |

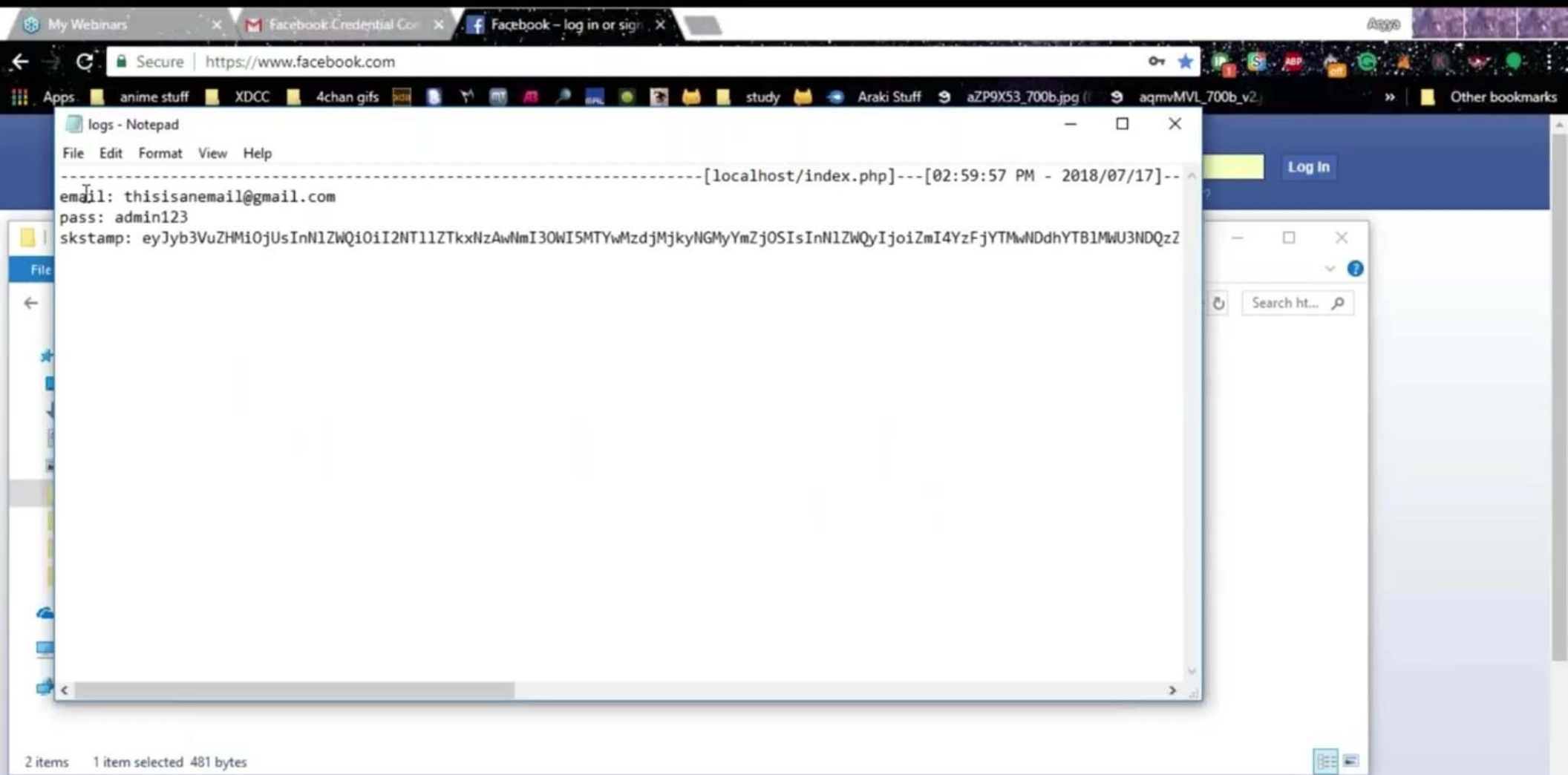○ Female   ○ Male

By clicking Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

Secure | https://www.facebook.com

facebook

Email or Phone
riskaryya@gmail.com

Password
•••••••••

Log In

Forgotten account?

Facebook helps you connect and share with the people in your life.

Create an account

It's free and always will be.

First name | Surname

Mobile number or email address

New password

Birthday

17 ▾ | Jul ▾ | 1993 ▾   Why do I need to provide my date of birth?

○ Female   ○ Male

By clicking Sign Up, you agree to our Terms, Data Policy and Cookie Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

---[localhost/index.php]---[02:59:57 PM - 2018/07/17]--
email: thisisanemail@gmail.com
pass: admin123
skstamp: eyJyb3VuZHMiOjUsInNlZWQiOiI2NT11ZTkxNzAwNmI3OWI5MTYwMzdjMjkyNGMyYmZjOSIsInNlZWQyIjoiZmI4YzFjYTMwNDhhYTB1MWU3NDQzZZ

Password Attacks

An attempt to obtain or decrypt a user's password for illegal use. Hackers can use cracking programs, dictionary attacks, and password sniffers in password attacks. Defence against password attacks is rather limited but usually consists of a password policy including a minimum length, unrecognizable words, and frequent changes.

Types of Password Attacks

Brute Force Attacks

Dictionary Attacks

Keylogger Attacks

Types of Cyberattacks

Malware	Phishing	Password Attacks	DDoS
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Distributed Denial of Service
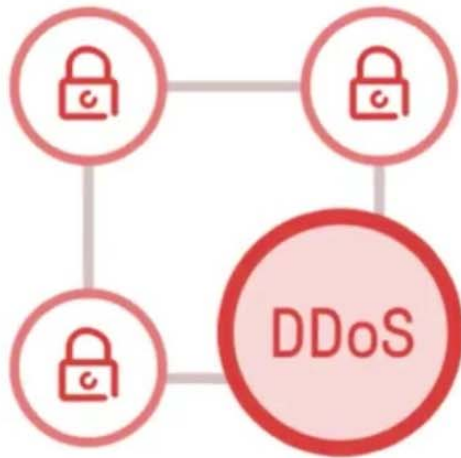
Distributed denial of service (DDoS) attacks are a subclass of denial of service (DoS) attacks. A DDoS attack involves multiple connected online devices, collectively known as a botnet, which are used to overwhelm a target website with fake traffic.

Packet Flooding
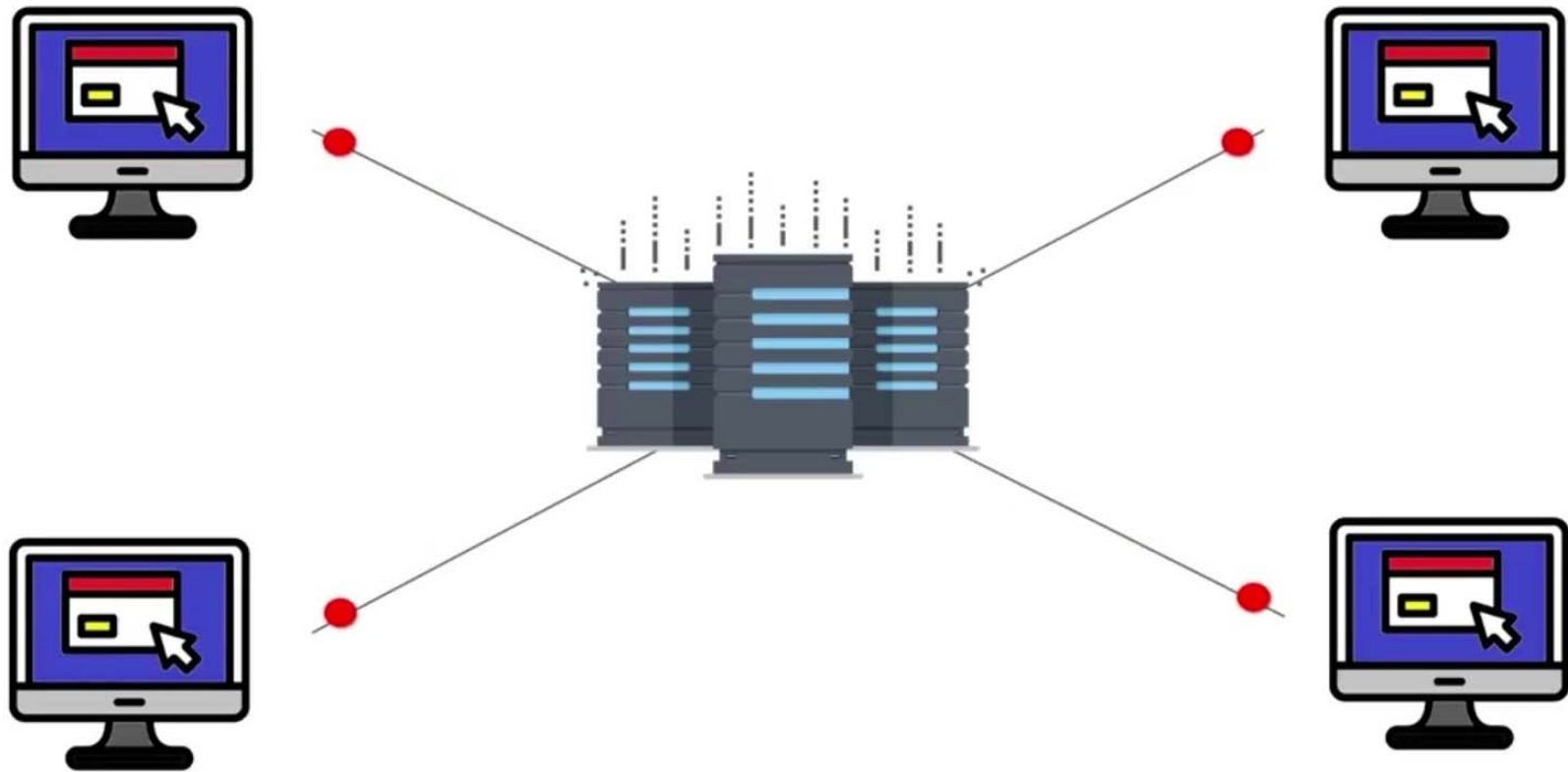
Prevention

- Traffic Analysis
- Traffic Control
- Recovery Management

Types of Cyberattacks
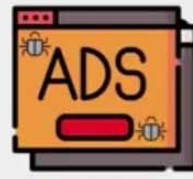
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Man in the Middle
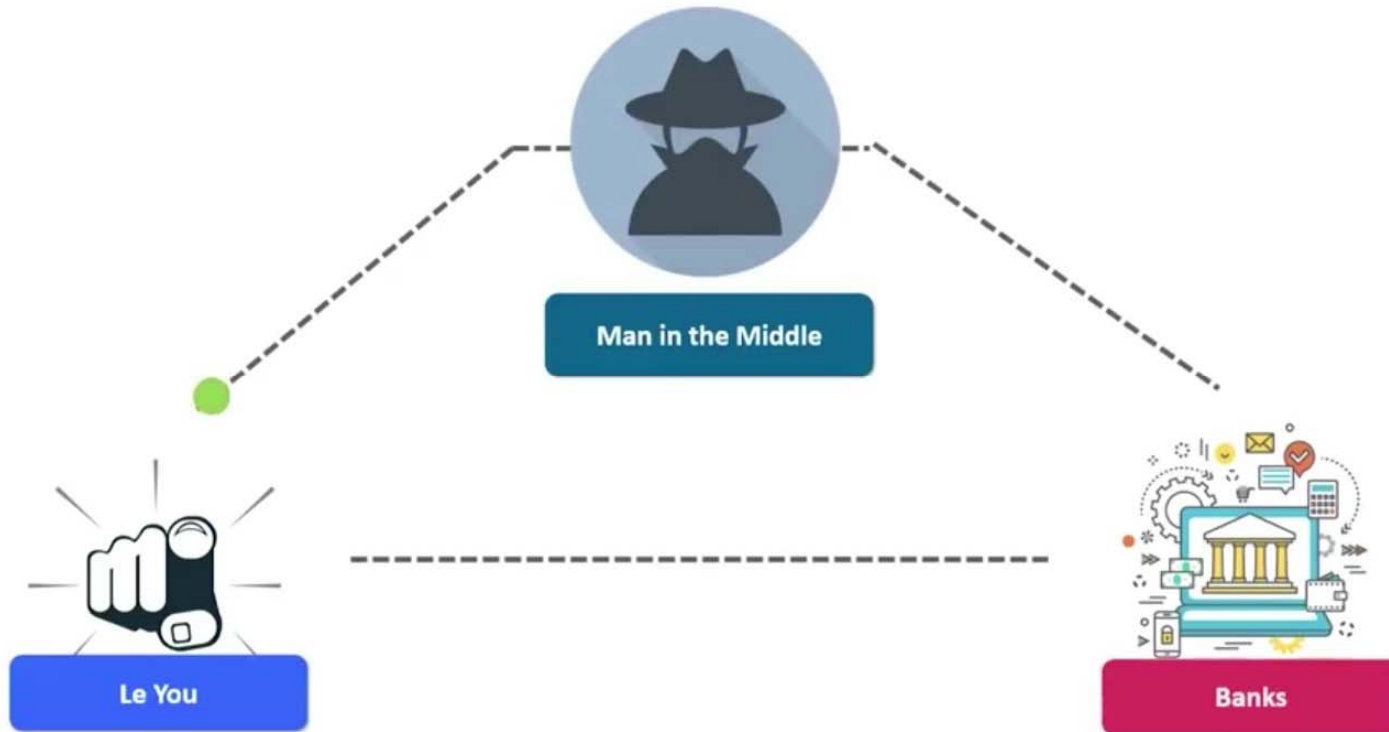
Prevent MITM

Use encrypted WAP

Always check the security of you connection(HSTS/HTTPS)

Invest in a VPN

What is a Drive-by Download

Drive-by download attacks occur when vulnerable computers get infected by just visiting a website. Findings from latest Microsoft Security Intelligence Report and many of its previous volumes reveal that Drive-by Exploits have become the top web security threat to worry about.
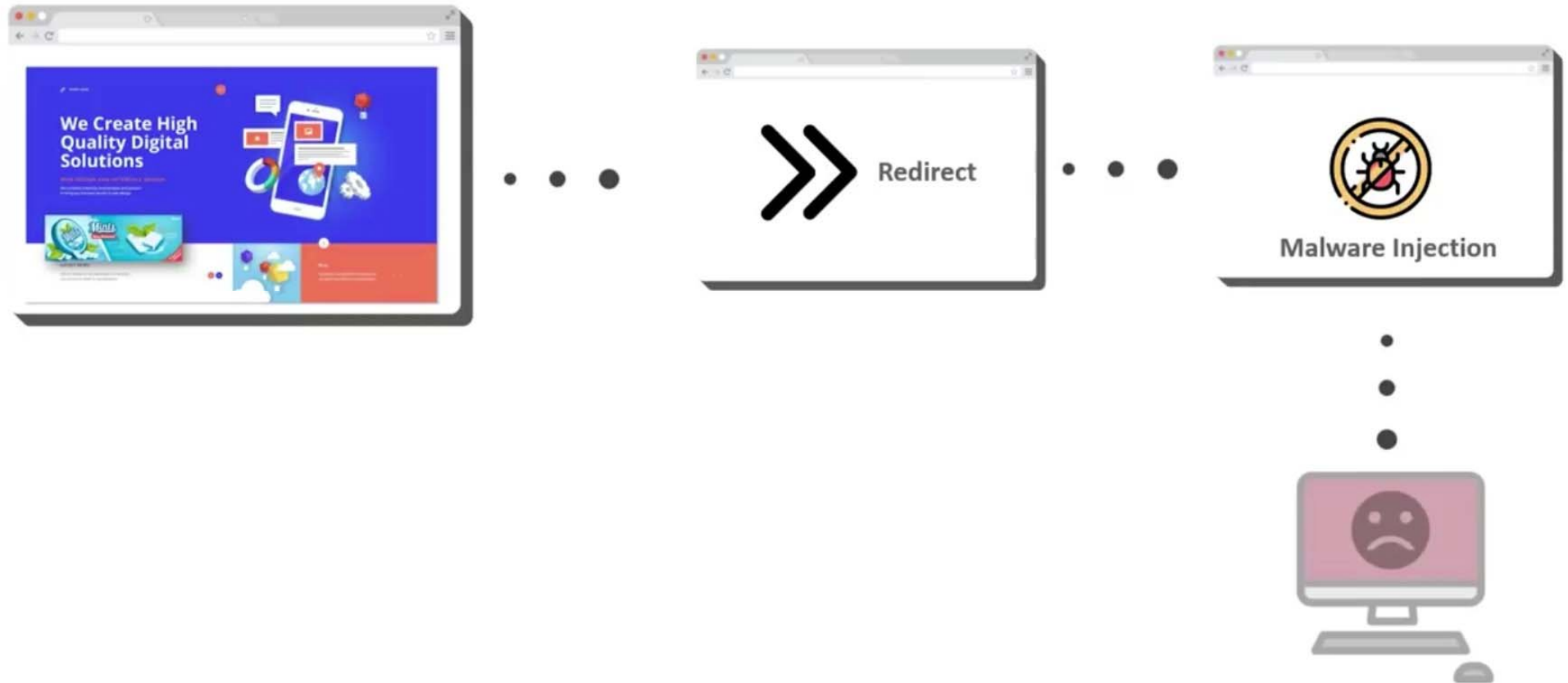
Malvertising

Malvertising is the name we in the security industry give to criminally-controlled adverts which intentionally infect people and businesses. These can be any ad on any site – often ones which you use as part of your everyday Internet usage. It is a growing problem, as is evidenced by a recent US Senate report, and the establishment of bodies like Trust In Ads.

How does it work

How does it work

Redirect

Malware Injection
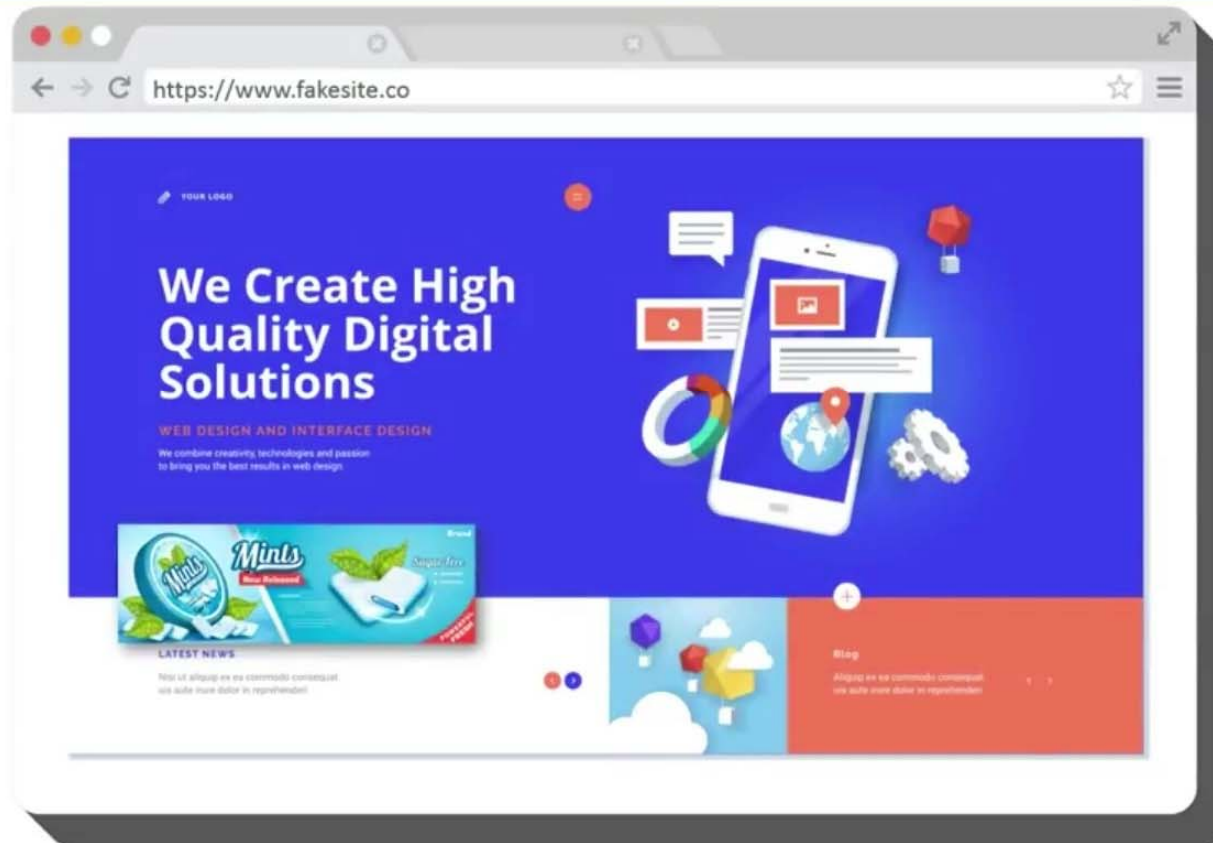
Prevention

Adblocker

Regular Software Updates

Common Sense

Types of Cyberattacks
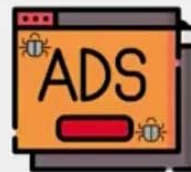
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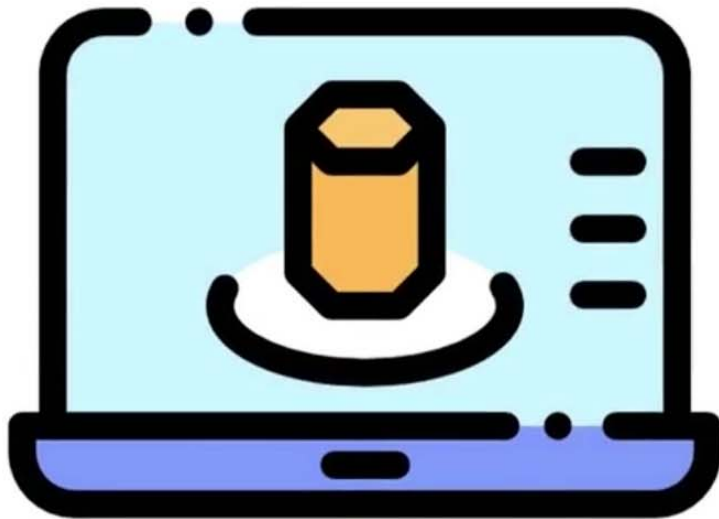
Rogue Software

Also called smitfraud, *scareware*, or *rogue security software*, this type of software is defined as malware - it is designed specifically to damage or disrupt a computer system. In this case, not only is the software going to disrupt your system, it's going to try and trick you into making a purchase using your credit card
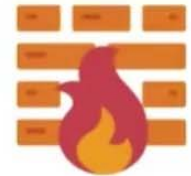
Propagation
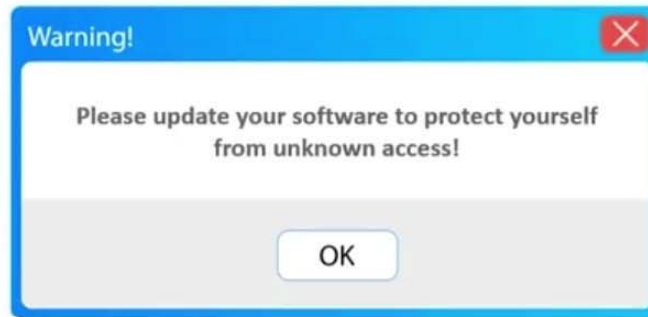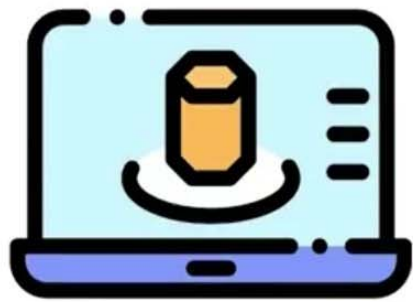
Prevention

Updated Firewall

Use Efficient Antivirus

General Distrust

DIS-TRÜST

Cybersecurity
Threats