Phishing Awareness Guide Protect Yourself from Online Scams Marios Grivas Offensive Security Practicioner



What Is Phishing?

Phishing is a type of cyberattack in which attackers disguise themselves as trustworthy entities—such as banks, service providers, or coworkers—to trick individuals into giving away sensitive information like passwords, credit card numbers, or personal data.

Phishing is most commonly delivered via email, SMS, or fake websites that mimic legitimate ones.

Common Targets:

Small businesses and freelancers

- E-commerce store owners
- Anyone using email, banking apps, or social media

Common Phishing Attack Techniques:

• Email Phishing

Attackers send **fake emails** that appear to come from trusted organizations. These emails often **contain urgent language** ("Your account will be closed") and **link to fraudulent websites**.

Spear Phishing

Targeted phishing that is **customized using publicly available information** (LinkedIn, company websites, etc.). These messages may **reference your actual coworkers, projects, or habits**.

Smishing

Phishing via **SMS text messages**. Often disguised as **messages from delivery companies or banks** asking you to click a link.

Vishing

Phishing via **voice calls**. The attacker **impersonates technical support, your bank, or government officials** to manipulate you into giving up private information.

Clone Phishing

A legitimate email is **duplicated**, and **its links or attachments are replaced with malicious ones**. It often looks like a "**resend**" or "**follow-up**."

How to Recognize Phishing:

- Misspelled URLs or email addresses.
- Urgent language or threats ("Act now!").
- Unexpected attachments or invoices.
- Generic greetings ("Dear customer").
- Requests for credentials or payments.

Tip! Hover over links to see where they really lead.

How to Protect Yourself:

- Never click links in suspicious emails or texts.
- Always verify the sender's email address.
- Use two-factor authentication (2FA) wherever possible.
- Keep your software and antivirus updated.
- Report suspicious emails to your organization or email provider.



What to Do If You Suspect Phishing:

- Do NOT click any links or download attachments.
- Forward the message to your company's IT/security team or to phishing-report@yourdomain.com.
- Delete the message from your inbox and trash.
- If you clicked, change your passwords immediately and monitor your accounts for unusual activity.

