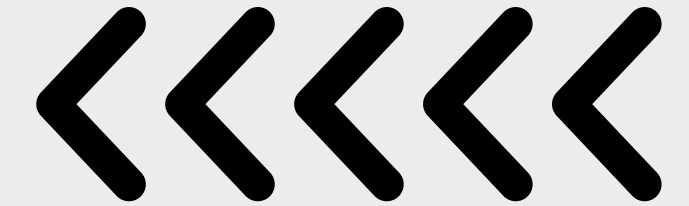
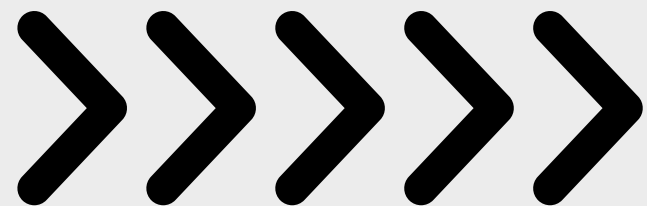


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PHISHING AWARENESS GUIDE

Mohamed Osama Zain



WHAT IS PHISHING?



- Phishing is a cybercrime where **attackers** pretend to be trustworthy entities to **trick you** into revealing sensitive data like **passwords, credit card** numbers, or personal info.
- Often delivered via **email, SMS, social media**, or **fake login pages**.





WHY IT'S EFFECTIVE



- Relies on **human error**, not system flaws.
- Uses **urgency**, **fear**, and **curiosity** to manipulate you.
- Victims include individuals, employees, and even CEOs (Business Email Compromise).





TYPES OF PHISHING



| Type | Explanation | Example |
|----------------|--|---|
| Email Phishing | Mass emails pretending to be from a company | Fake "PayPal" login email |
| Spear Phishing | Targeted email using personal info | HR email asking for salary data |
| Whaling | Targets executives | Fake email to CFO to approve payment |
| Smishing | SMS with malicious link | "Your bank account is frozen" |
| Vishing | Voice calls pretending to be official | Fake IRS call asking for payment |
| Clone Phishing | Legit email is copied, link replaced with fake one | A resend of a real invoice with fake link |





PREVENTION TOOLS & TECHNIQUES



VIRUSTOTAL

Scan links/files before opening

<https://www.virustotal.com/gui/home/upload>

GOOGLE SAFE BROWSING

Check a URL reputation

<https://transparencyreport.google.com/safe-browsing/search>





PREVENTION TOOLS & TECHNIQUES



EXTENSIONS

- [uBlock Origin](#)
- [Bitdefender TrafficLight](#)
- [Netcraft Anti-Phishing Toolbar](#)

TRAINING

- [TryHackMe Phishing Labs](#)
- [KnowBe4 simulations](#)
- [Google Phishing Quiz](#)





BEST PRACTICES TO STAY SAFE



01

- **Never** click suspicious links or **download** unverified attachments
- Use **strong passwords** and change them regularly

02

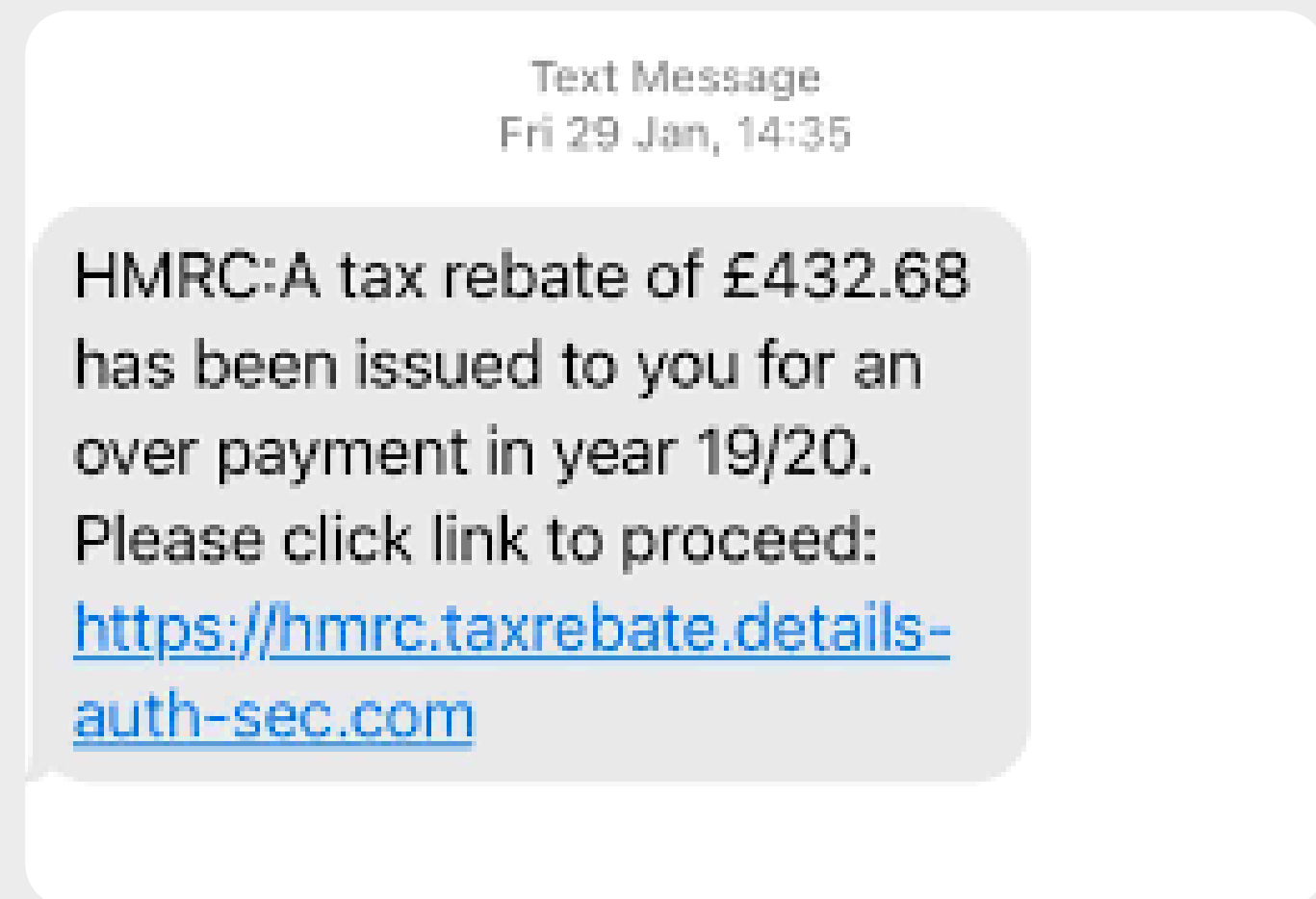
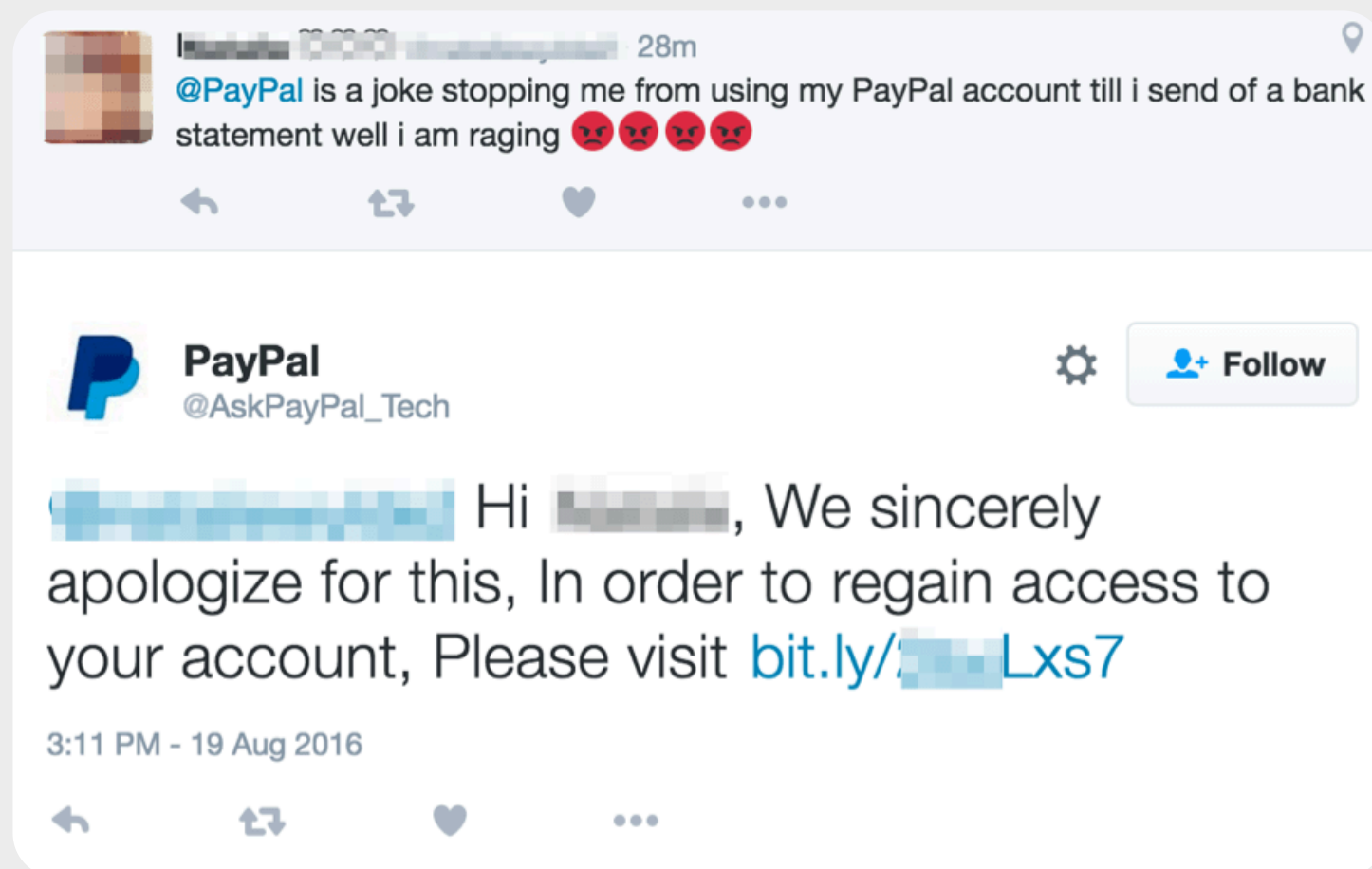
- Always **verify** sender **details** (email domain, signature)
- Use **2FA** (Two-Factor Authentication) on all accounts

03

- **Keep** software & browsers **updated**
- Don't trust messages that create urgency ("Your account will be deleted!")



REAL-WORLD EXAMPLES





REAL-WORLD EXAMPLES



DONT ever click on such links!





ADDITIONAL RESOURCES



Google Phishing Quiz:

<https://phishingquiz.withgoogle.com/>

VirusTotal:

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

Cyber Aware (UK):

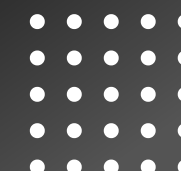
<https://www.cyberaware.gov.uk/>

OWASP Phishing Guide:

<https://owasp.org/www-community/phishing>

YouTube: How Phishing Works –

https://youtu.be/1ldG_MZ4e9s



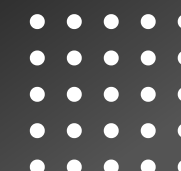


CONCLUSION

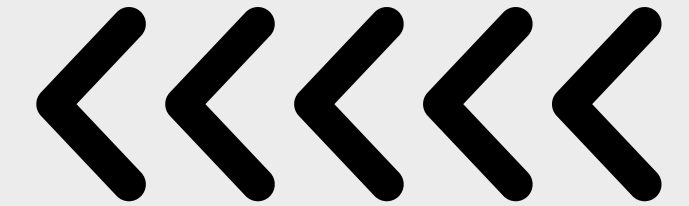


- Phishing is not just a technical issue — it's a human attack.
- Awareness, tools, and caution are your best defense.
- Share this knowledge with friends, classmates, and coworkers.

"Think before you click."



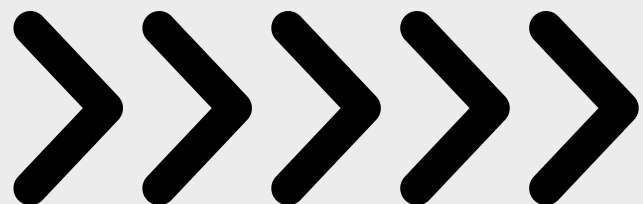
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QUIZ TIME

Time for a quick check
can you spot phishing?

[Take the quiz!](#)



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THANK YOU

Presented by Mohamed Osama



[Click for more details](#)

