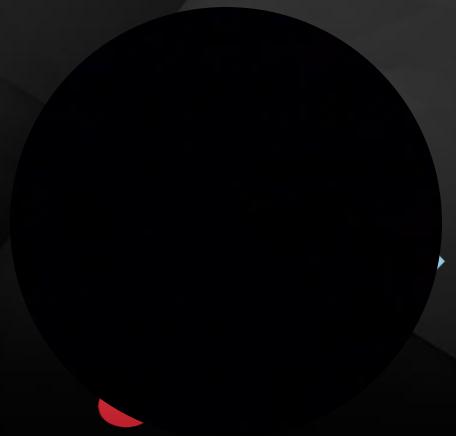
This slide deck is from a security presentation by Steve Stasiukonis from SNT. If you would like to schedule a live web presentation of this material, please reach out to

Jim Ockenden
(315) 949-2803

PHISHING SMISHING AND VISHING

HOW TO SPOT THE FAKE



ABOUT THIS TRAINING SESSION

- IDENTIFYING EMAIL PHISHING THREATS
- IDENTIFYING SMS PHISHING THREATS
- IDENTIFYING VOICE PHISHING THREATS
- HOW MALWARE IS TIED TO THESE THREATS
- STEPS TO COMBAT THE THREATS

INCREASE IN CYBER CRIMES?

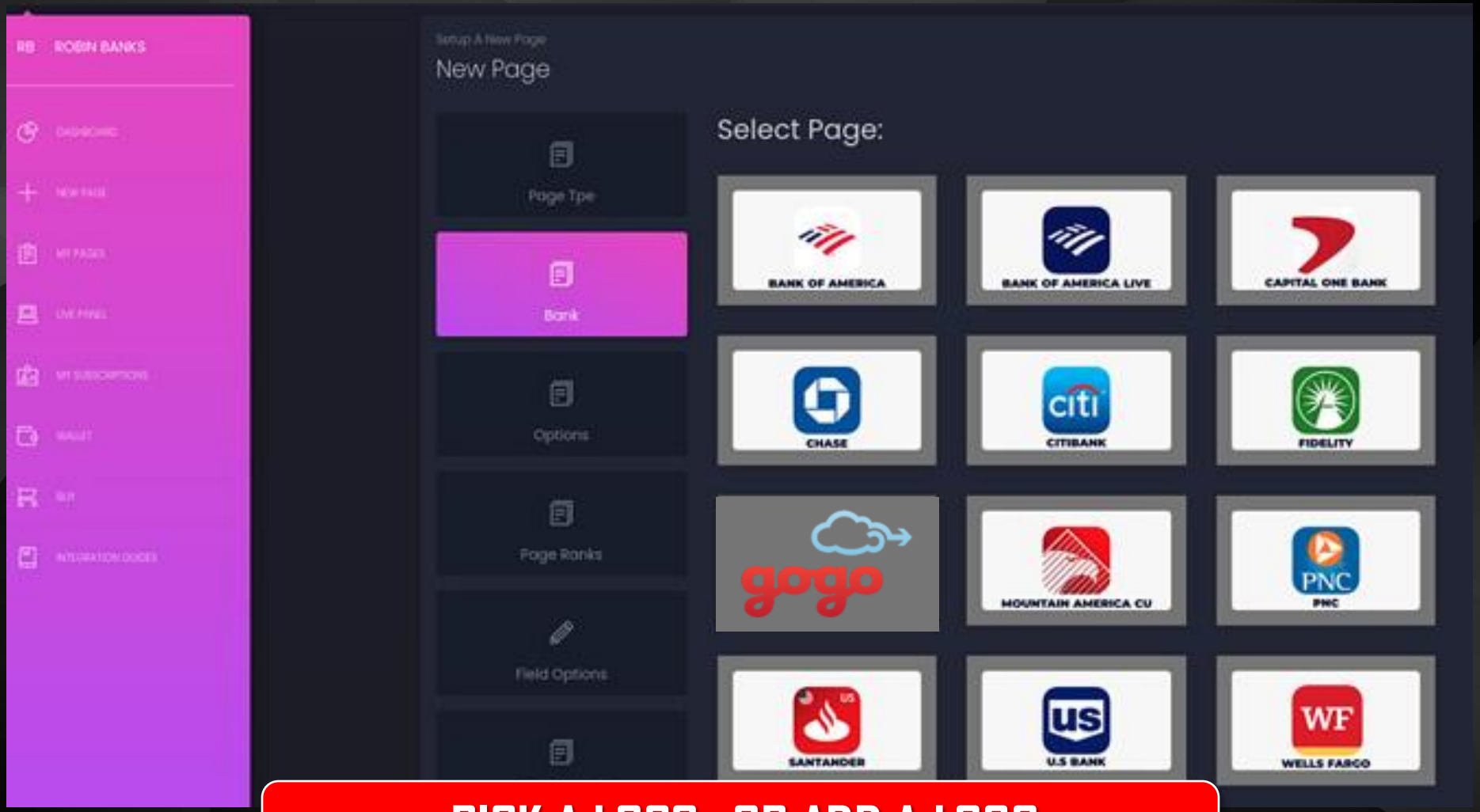
ALL START WITH A FORM OF PHISHING ,VISHING, SMSHING

- FINANCIAL SCAMS, CONFIDENCE SCHEMES
- EXTORTION & BLACKMAIL
- INTELLECTUAL PROPERTY & DATA THEFT
- RANSOM & EXFILTRATION OF DATA
- REDIRECTION OF FUNDS

SPEAR PHISHING AS A SERVICE

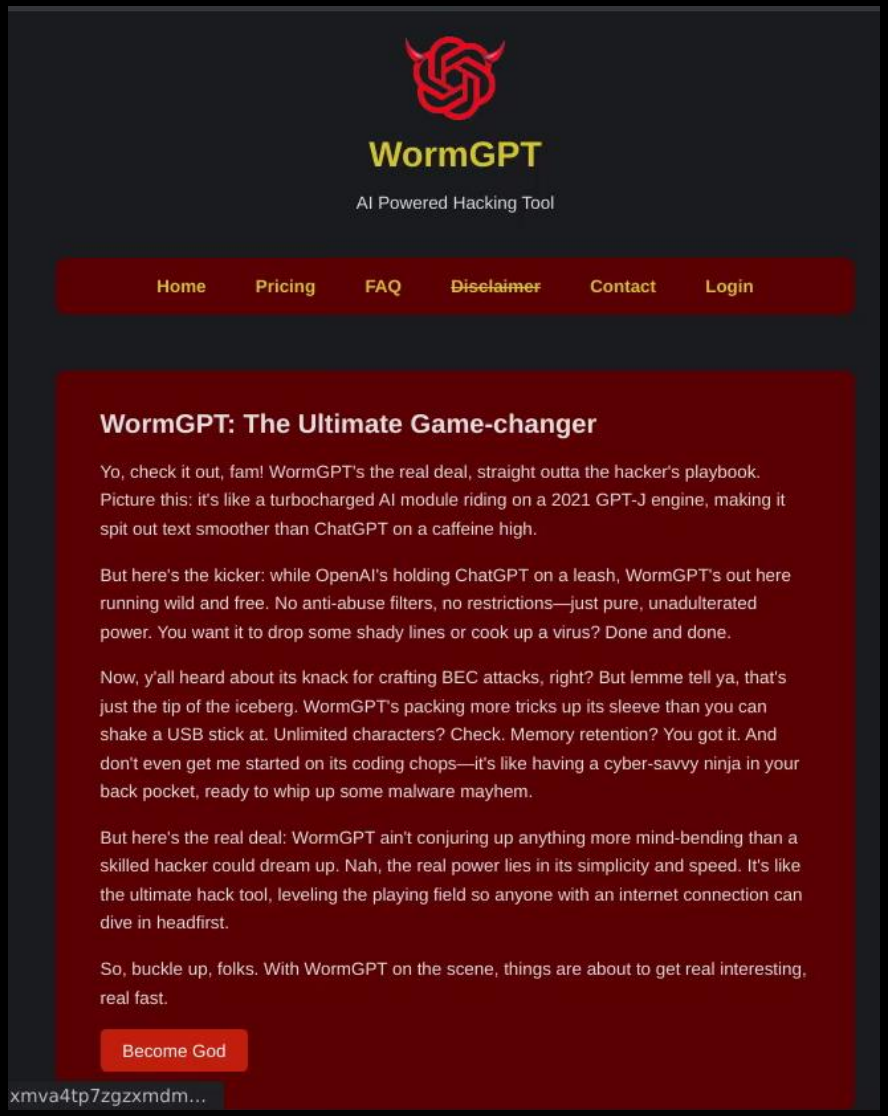
THREAT ACTORS ARE AUTOMATING PHISHING EFFORTS

PHISHING AS A SERVICE



PICK A LOGO...OR ADD A LOGO

USING DARK AI FOR PHISHING AS A SERVICE



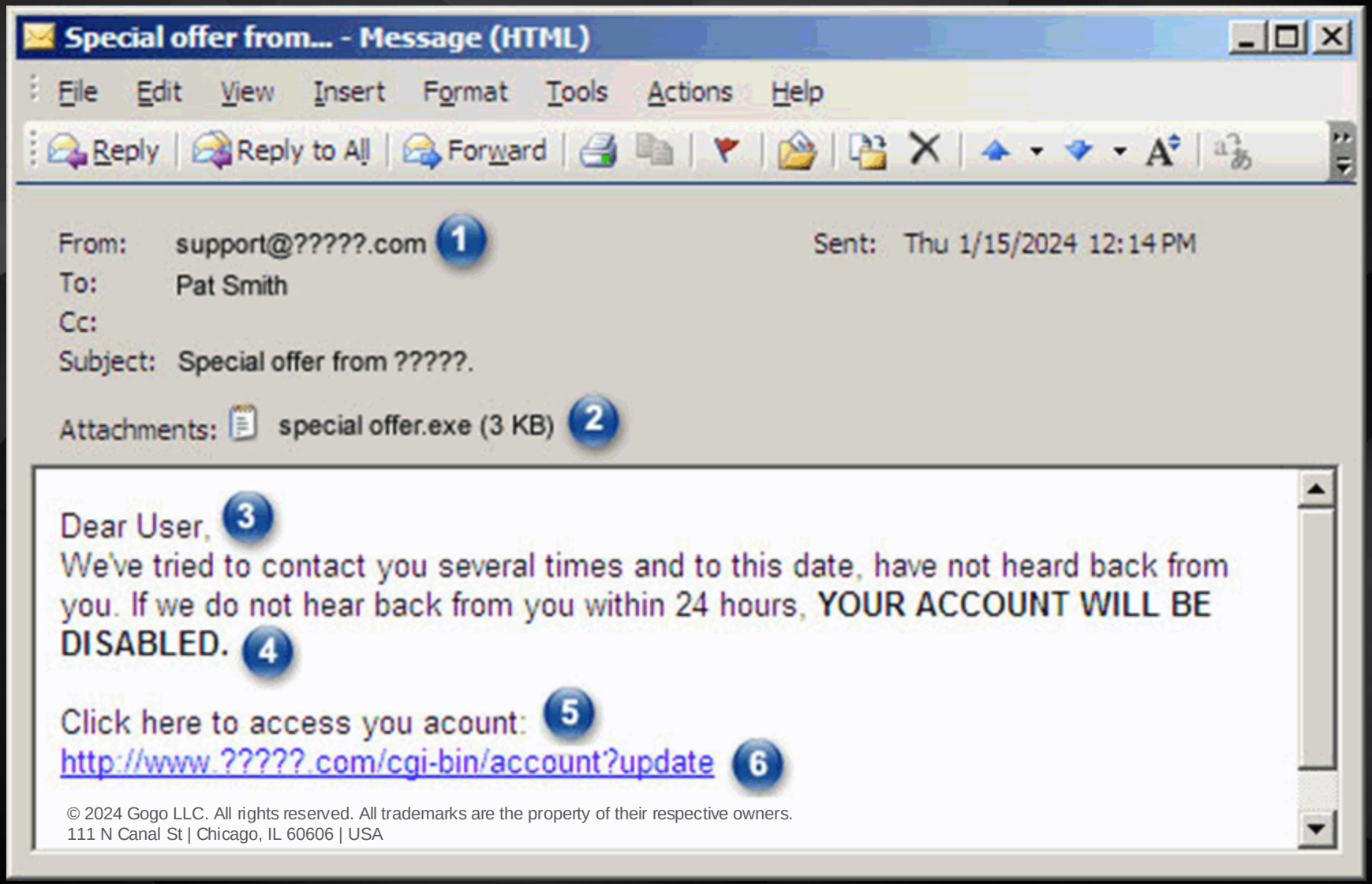
THE SIMPLE HACKS

PHISHING ,VISHING, SMSHING & GETTING YOU TO CLICK.

EMAIL CREDENTIAL PHISHING

HOW TO SPOT THE FAKE

SPEAR PHISHING ATTACK VECTOR



SPEAR PHISHING ATTACK VECTOR

Special offer from... - Message (HTML)

File Edit View Insert Format Tools Actions Help

Reply | Reply to All | Forward

From: support@?????.com (1) Sent: Thu 1/15/2024 12:14 PM

To: Pat Smith

Cc:

Subject: Special offer from ?????.

Attachments: special offer.exe (3 KB) (2)

Dear User, (3)

We've tried to contact you several times and to this date, have not heard back from you. If we do not hear back from you within 24 hours, YOUR ACCOUNT WILL BE DISABLED. (4)

Click here to access you acount: (5)

http://www.?????.com/cgi-bin/account?update (6)

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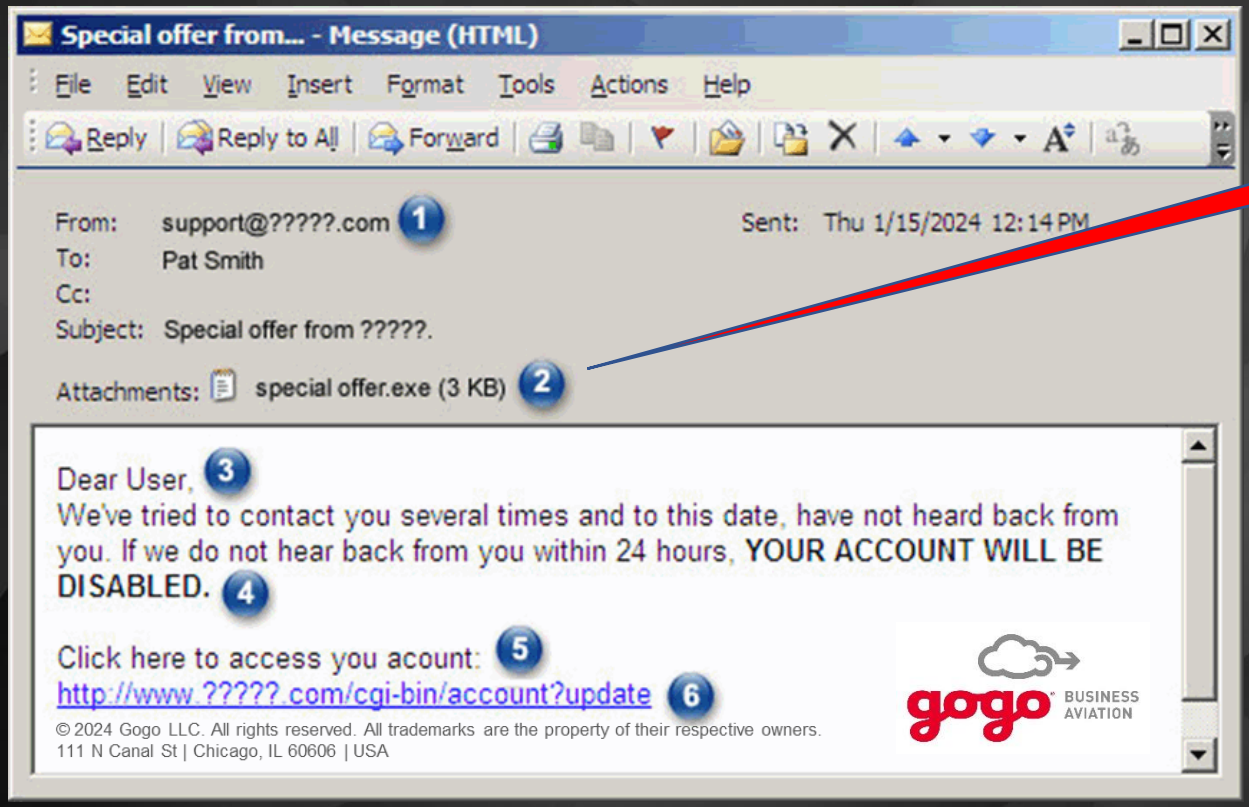
111 N Canal St | Chicago, IL 60606 | USA

Who Is Sending This?

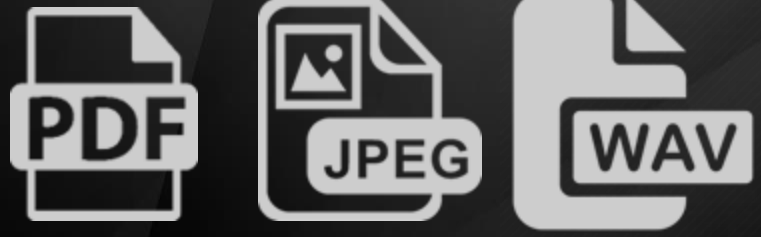
SUPPORT@ACME.COM

SUPPORT@ACNNE.COM

SPEAR PHISHING ATTACK VECTOR



If Not Sure. DO NOT Open Attachment!

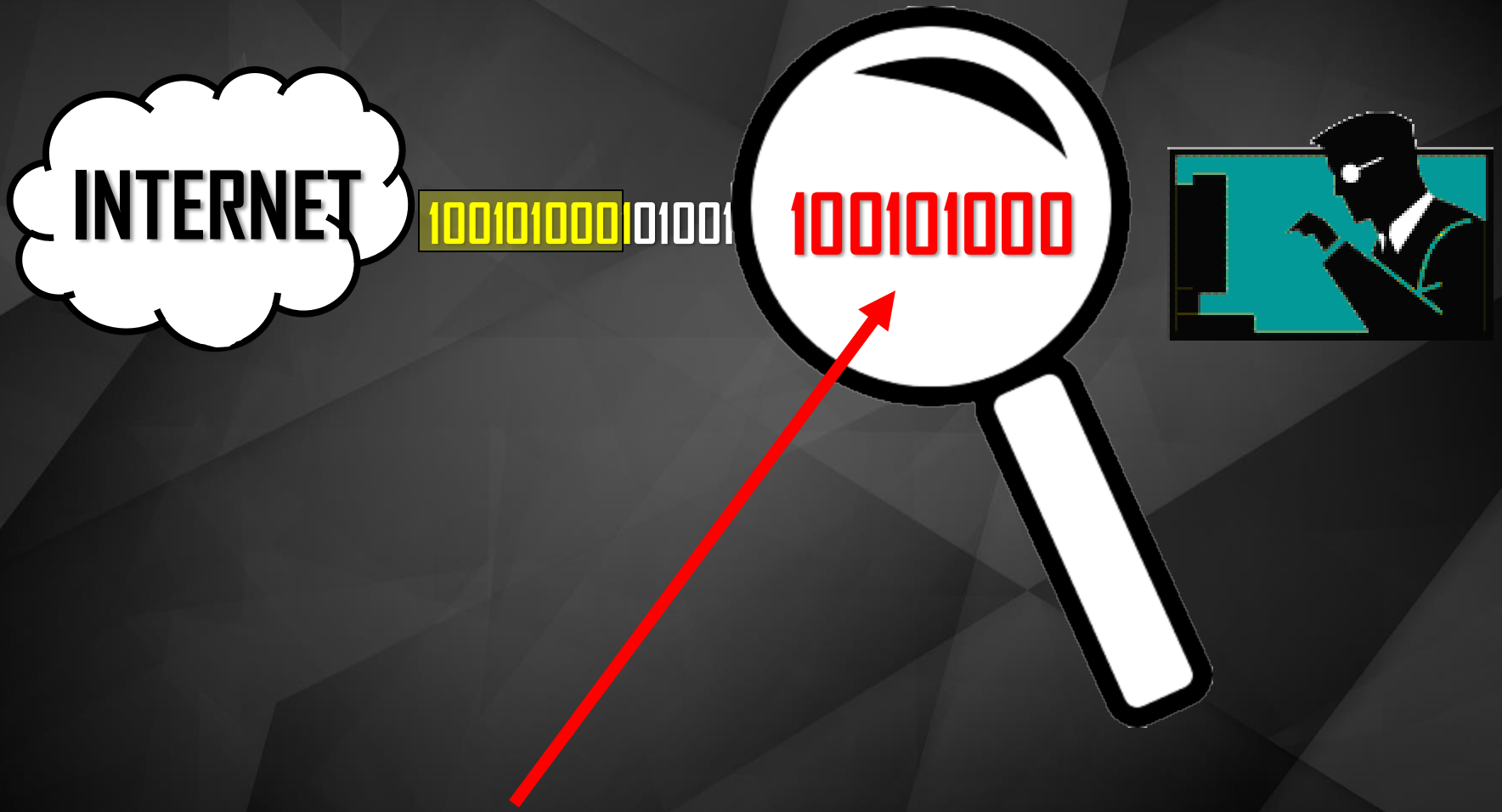


ANY FILE FORMAT

EMAIL PHISHING

AND HOW MALWARE PLAYS A PART

MALWARE-KNOWN VS. ZERO DAY



MATCHES SIGNATURE = SQL SLAMMER
ANTIVIRUS BLOCKS & PROTECTS YOU

MALWARE-KNOWN VS. ZERO DAY

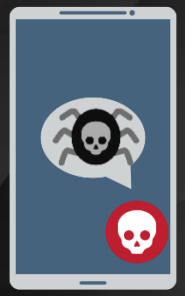
NO SIGNATURE = ZERO DAY

ANTIVIRUS DOES NOT PROTECT YOU

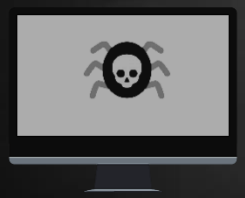
MALWARE-HOW IS IT DEPLOYED

EMAIL ATTACHMENTS, EMBEDDED LINKS & MACROS

WEBSITE DRIVE BY DOWNLOAD



DEPLOYED WITH SOCIAL MEDIA & NETWORKING



EMBEDDED IN HARDWARE DEVICES (i.e. USB)

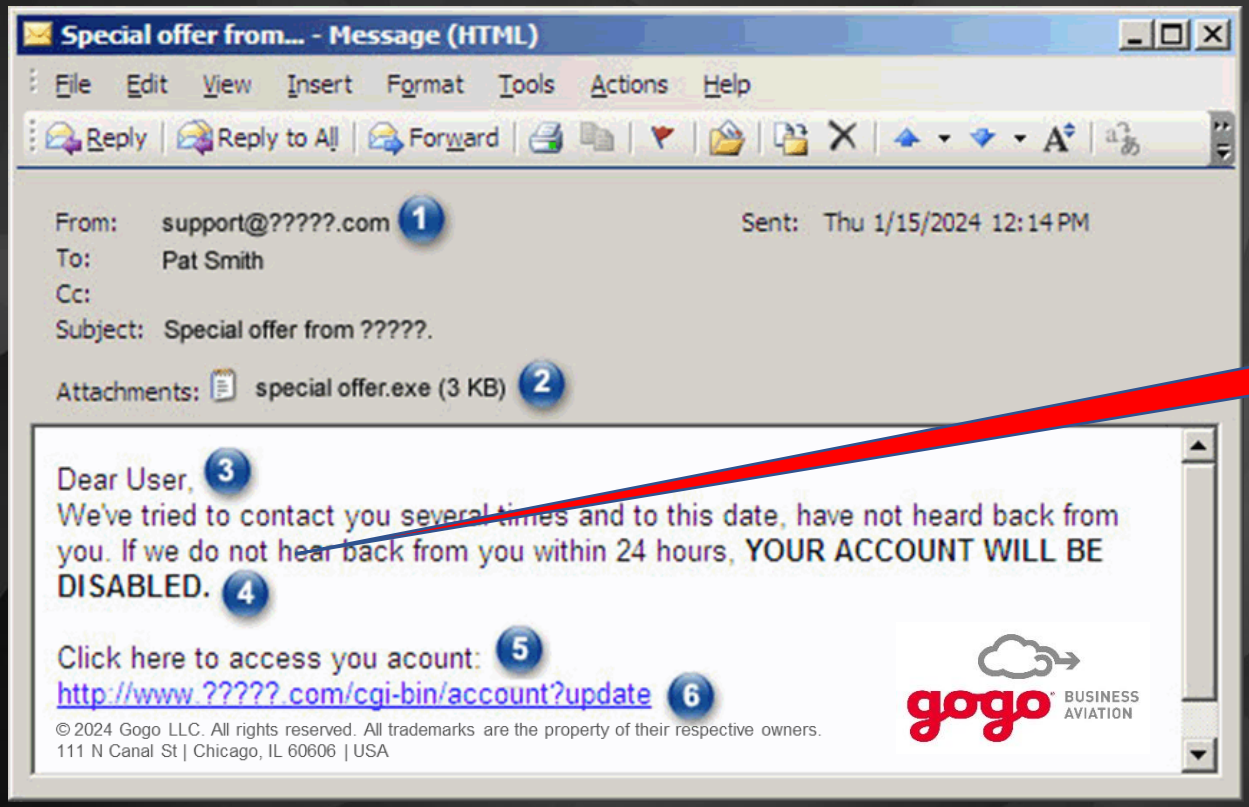
SOCIAL ENGINEERING

VULNERABLE SYSTEMS

EMAIL PHISHING

LURING YOU TO AN EVIL TWIN WEBSITE

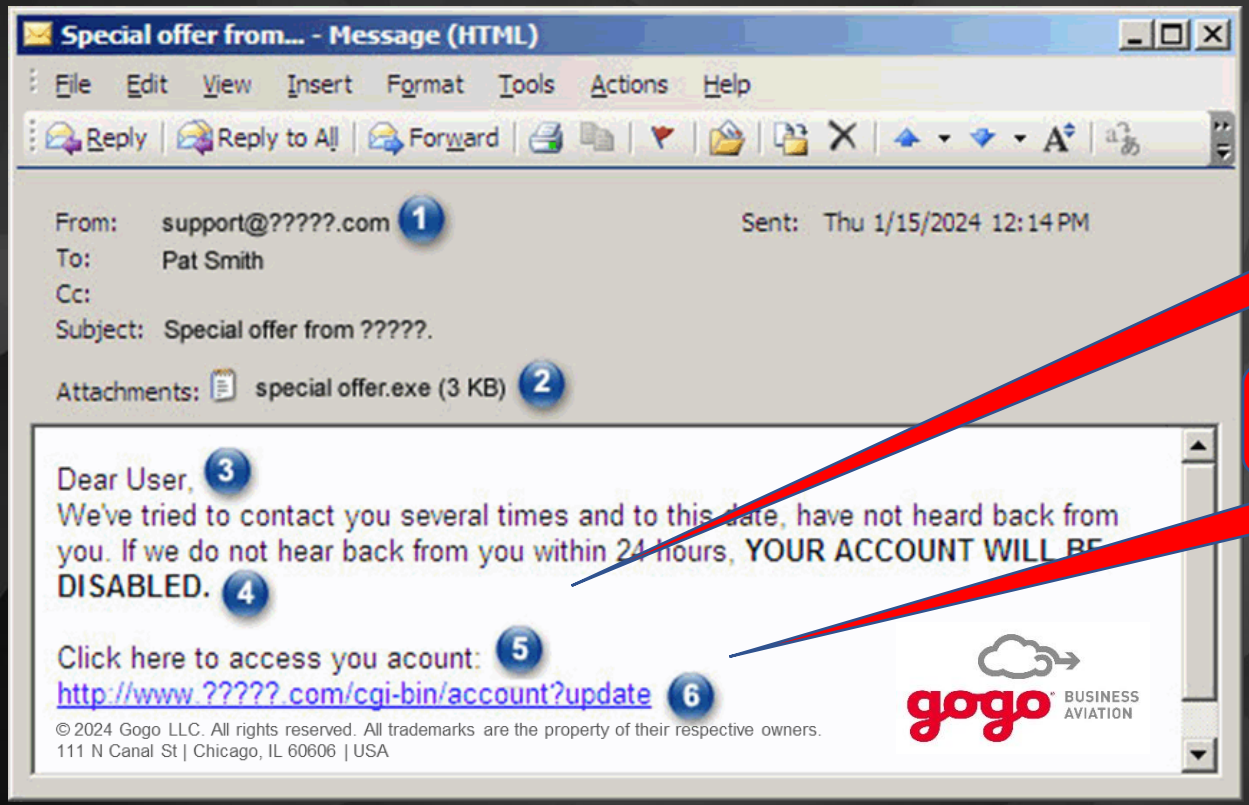
SPEAR PHISHING ATTACK VECTOR



They Threaten You To Do Something

DON'T BE INTIMIDATED

SPEAR PHISHING ATTACK VECTOR

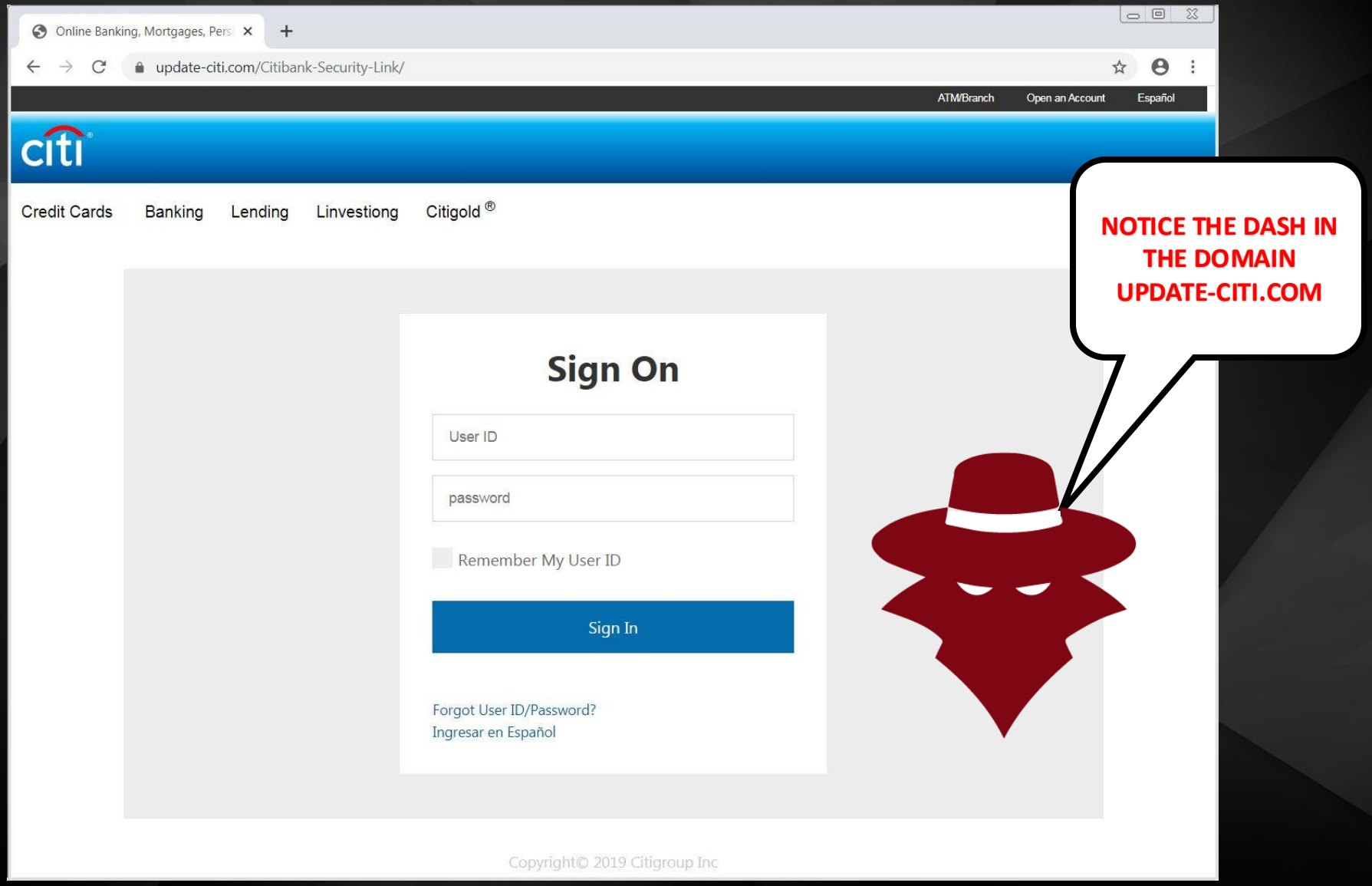


They Instruct You To Do Something?

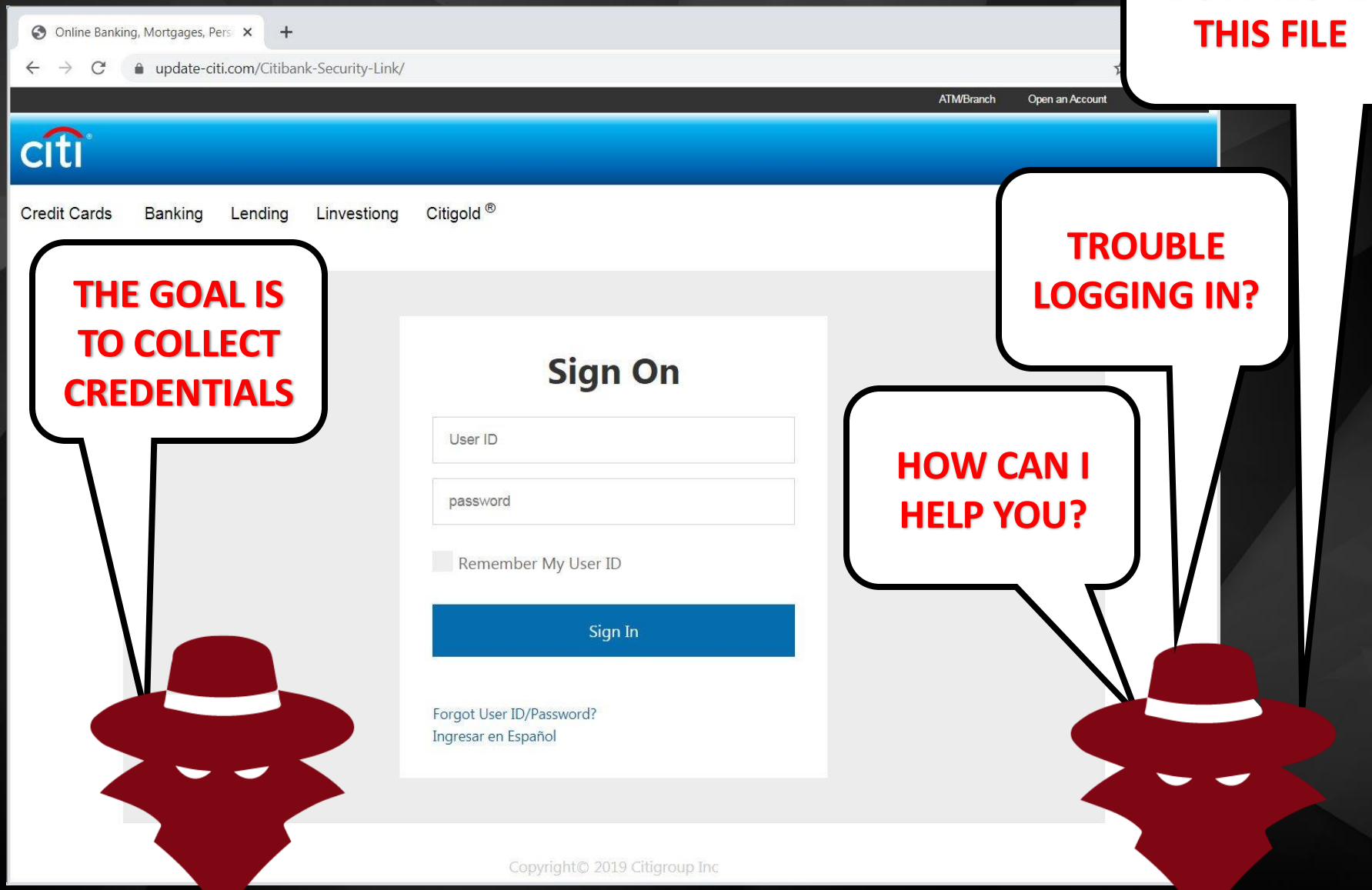
Hover Over The Link..
http://mal+hak-vctm-$.br

MOUSE HOVERING

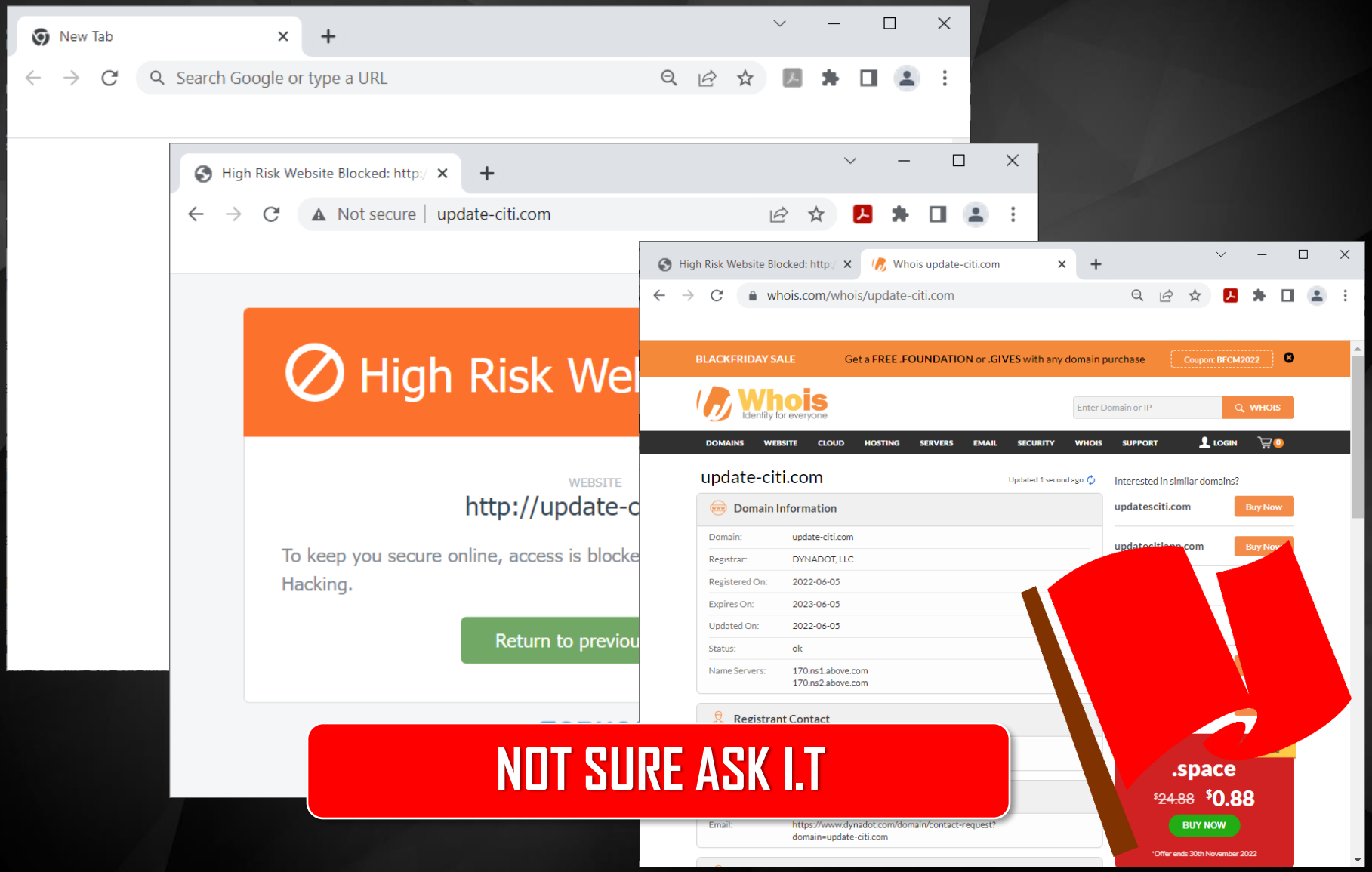
LURED TO EVIL TWIN WEBSITES



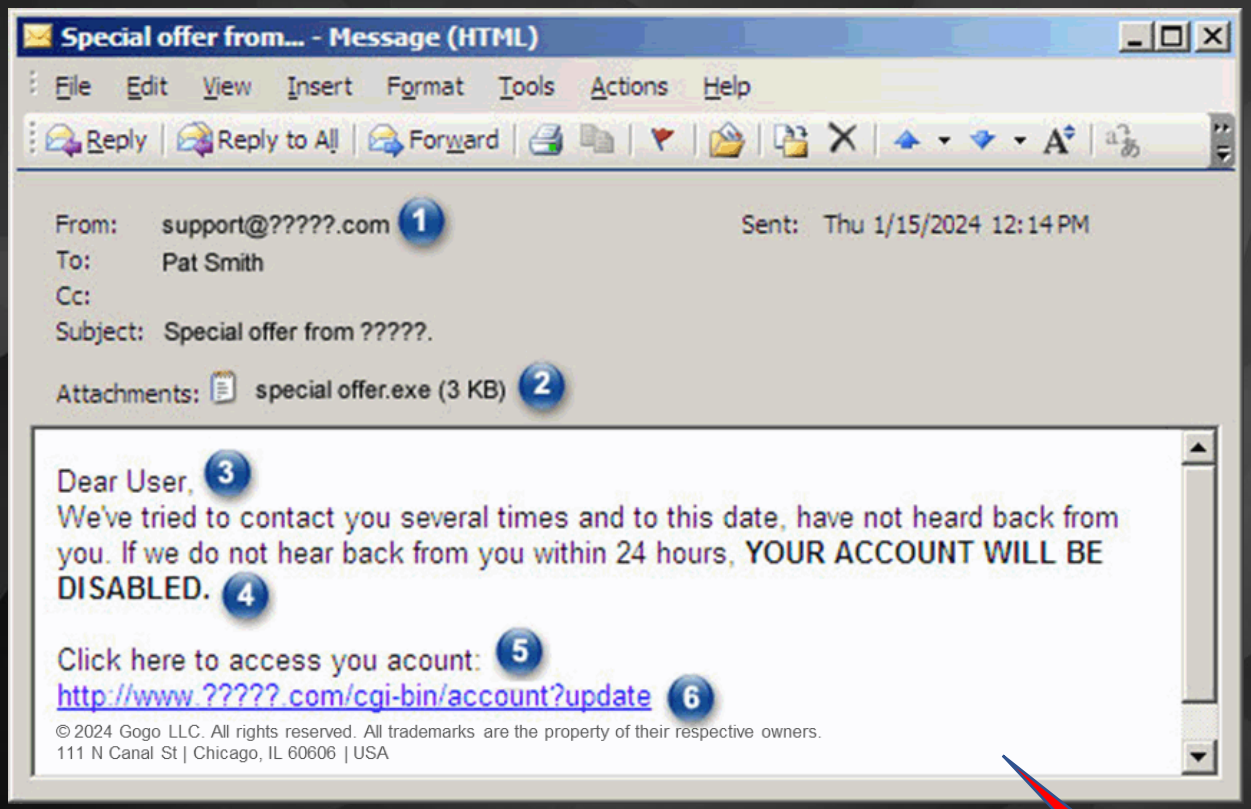
LURED TO EVIL TWIN WEBSITES

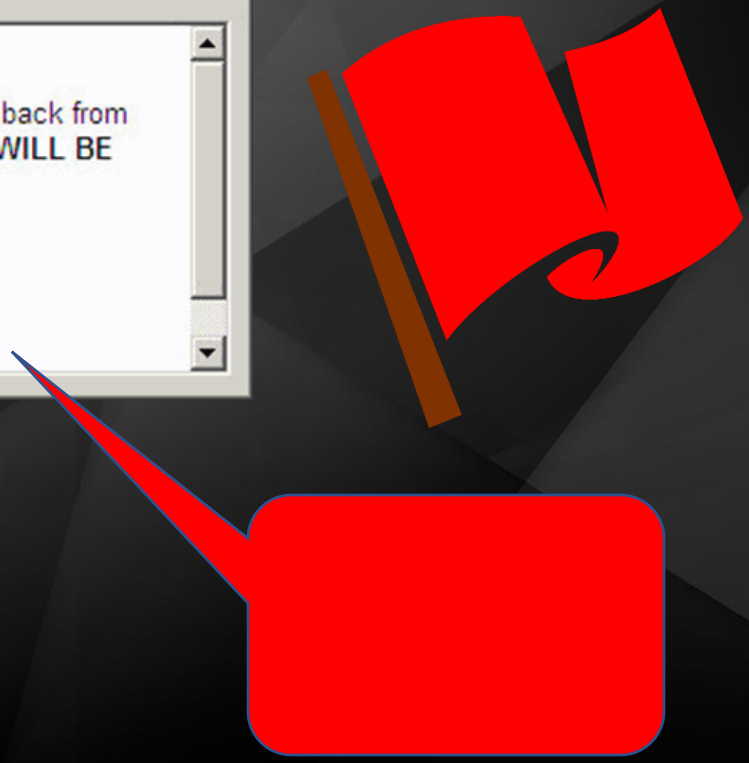


CHECKING EVIL TWIN WEBSITES



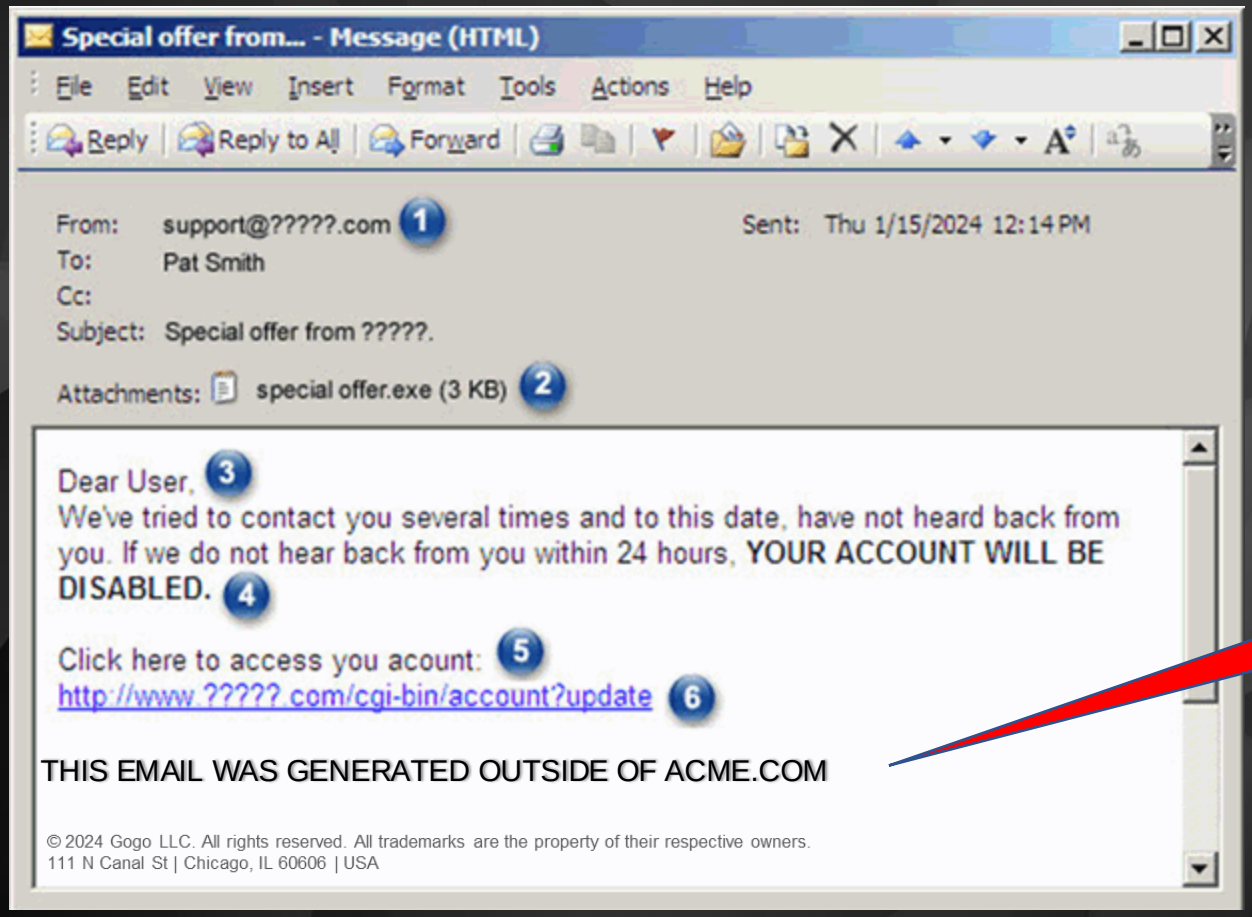
SPEAR PHISHING ATTACK VECTOR





DISTORTED OR INCORRECT LOGO

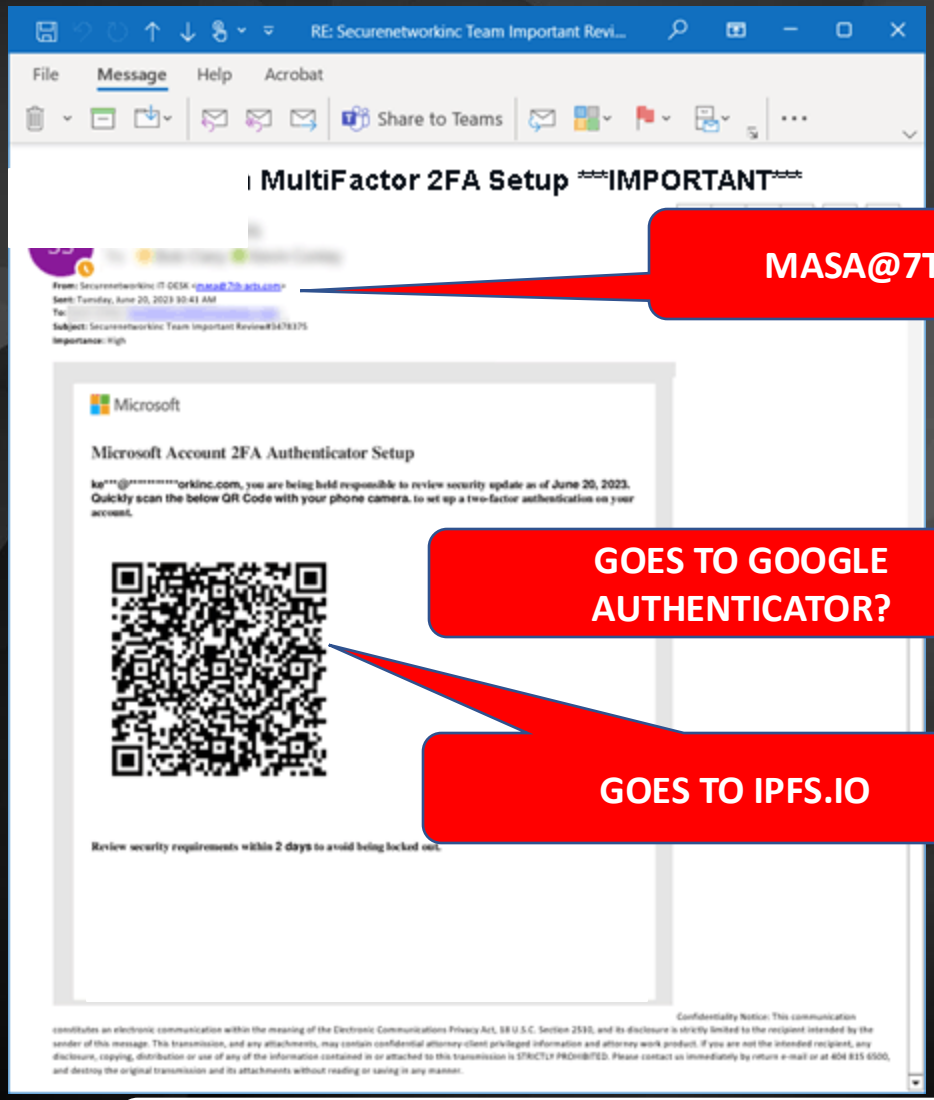
SPEAR PHISHING ATTACK VECTOR



OUTSIDE GOGOAIR NETWORK

OUTSIDE NETWORK

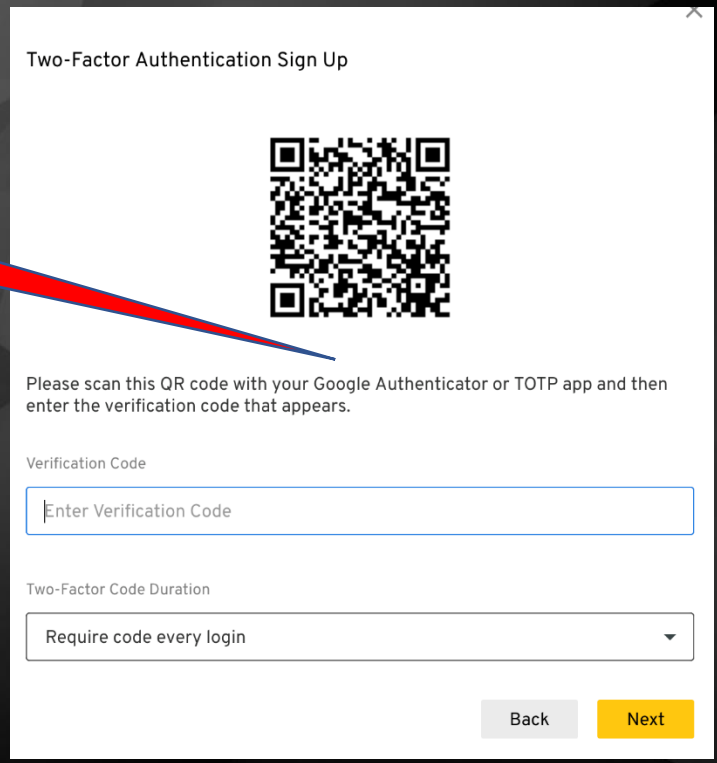
QR CODE PHISHING THREAT



MASA@7TH-ARTS.COM

GOES TO GOOGLE AUTHENTICATOR?

GOES TO IPFS.IO

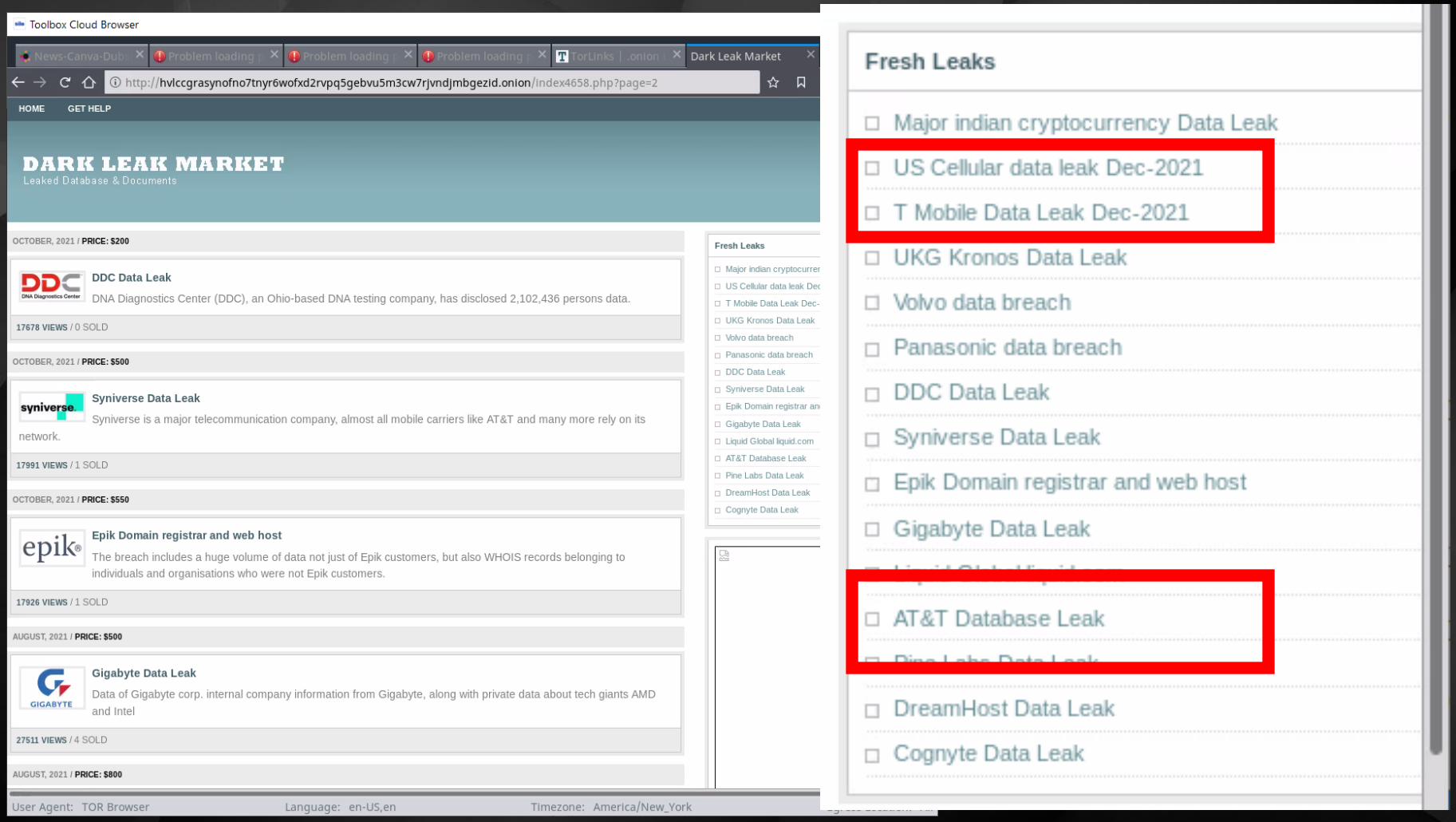


STEALING CREDENTIALS

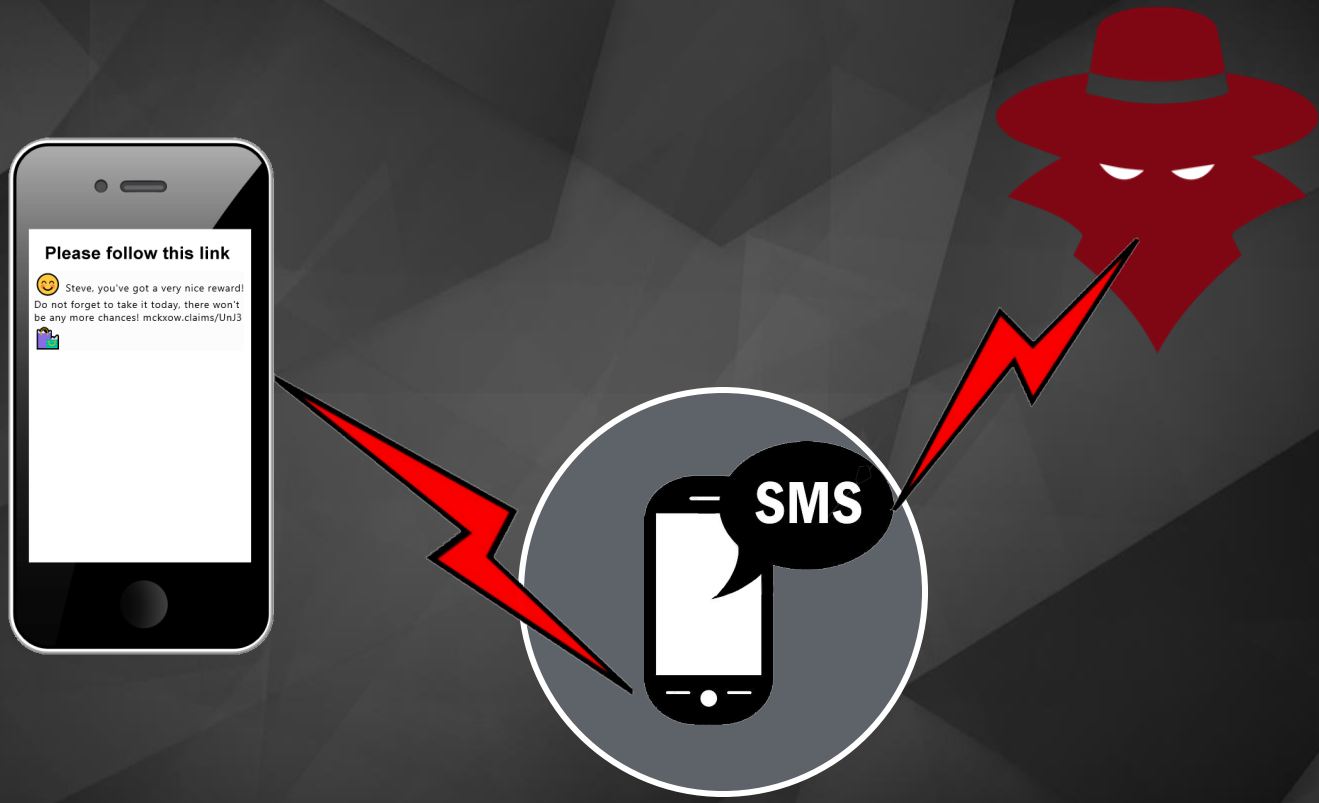
SMS PHISHING = SMISHING

THE THREATS OF A NEFARIOUS TEXT MESSAGE

STOLEN DATA ON DARKWEB

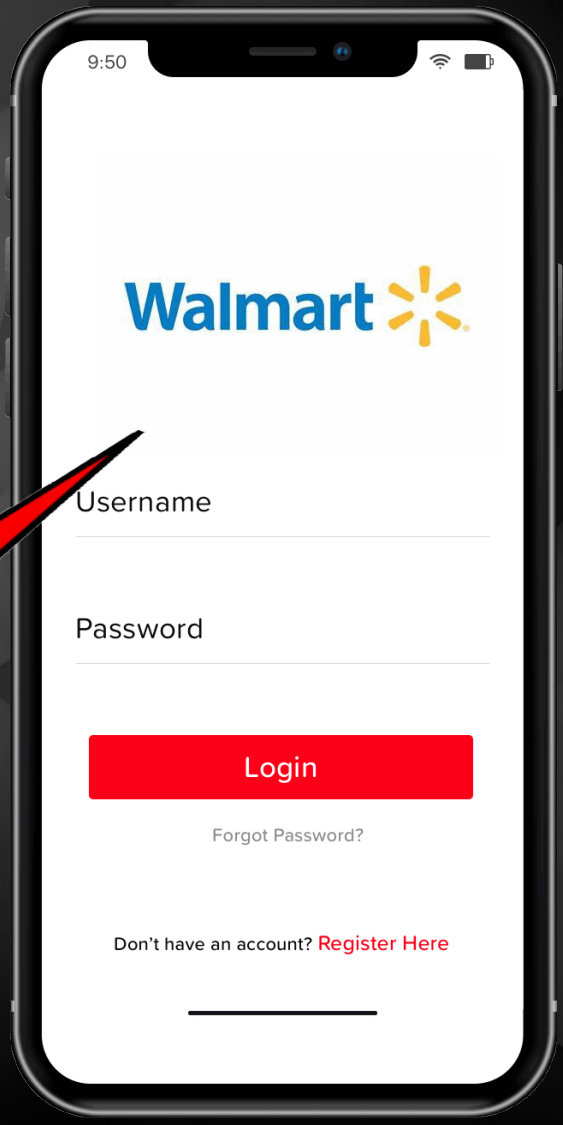


SMISHING AKA: SMS PHISHING



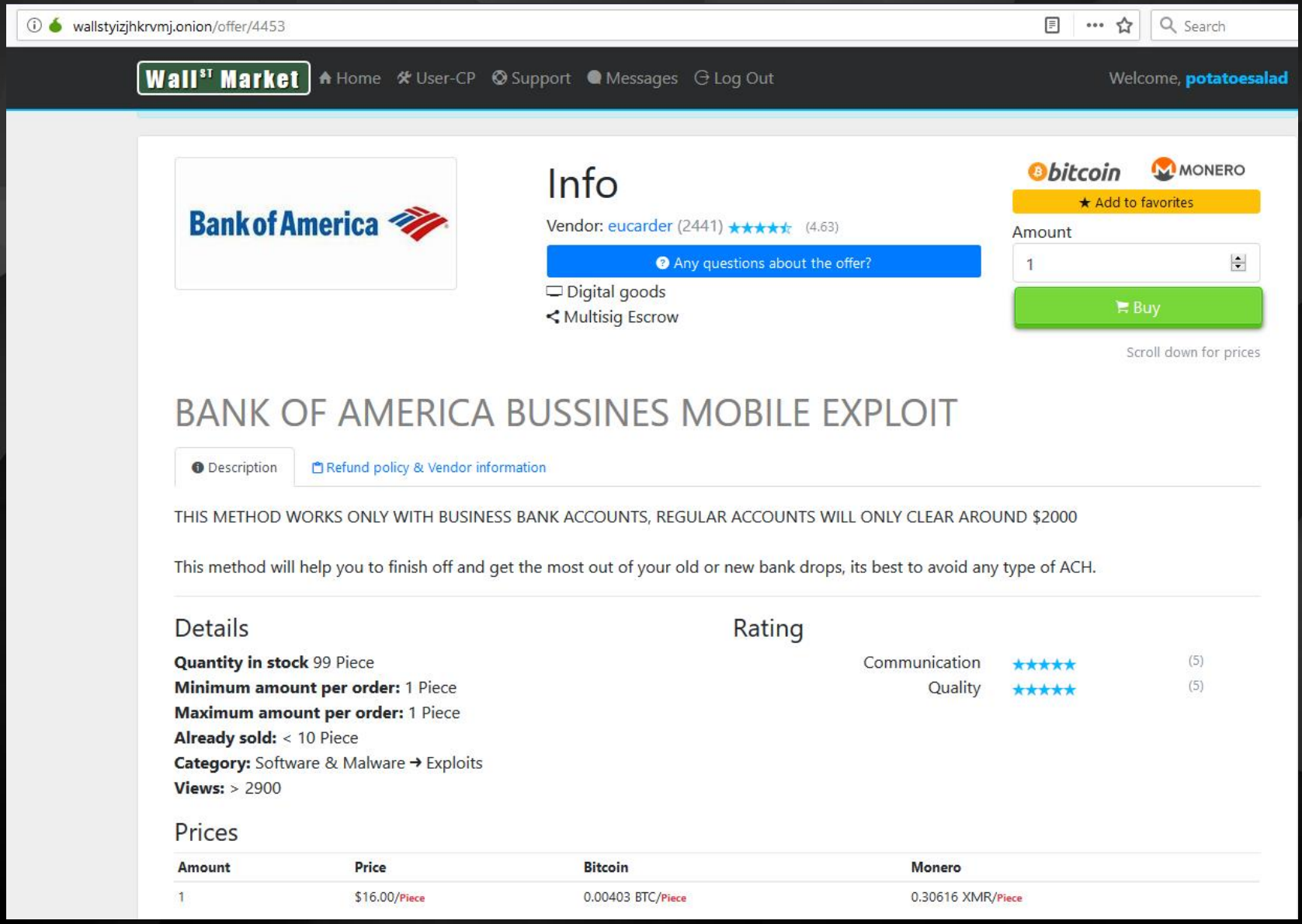
NEVER REPLY
DELETE OR BLOCK CALLER

SMISHING AKA: SMS PHISHING

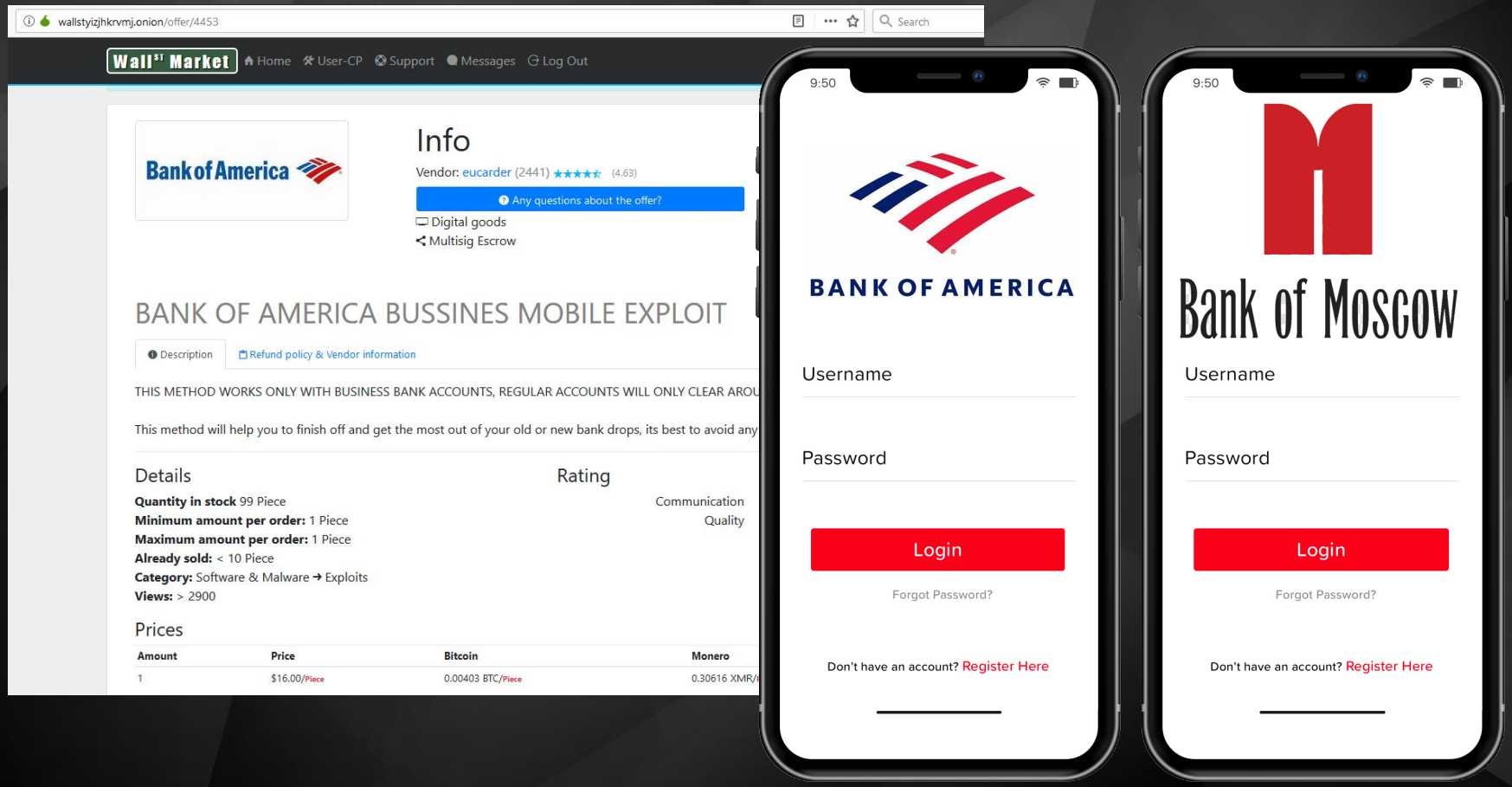


NEVER CLICK ON THE LINK

DARKWEB SMS PHISHING APPS



SMISHING AKA: SMS PHISHING



VOICE PHISHING = VISHING

THE THREATS OF A NEFARIOUS PHONE CALL

VOICE PHISHING OR VISHING

JUST LISTEN, DONT ACKNOWLEDGE

HAVE THEM PUT IT IN WRITING

VOICE PHISHING USING DARK AI

VOICE PHISHING OR VISHING

NEVER DISCUSS ANYTHING
JUST HANG UP

PROTECTING YOURSELF

NEWS PROVIDES HACKING CONTENT

SOCIETAL VULNERABILITIES

PAY ATTENTION TO DETAILS

SLOW DOWN AND READ THE FINE PRINT

HOVER OVER THE LINKS

DO NOT REPLY TO UNKNOWN SMS TEXT MESSAGES

DO NOT TALK TO SCAMMER

EXAMINE EMAILS FOR QUESTIONABLE CHARECTERISTICS

EMAIL SCAMS ARE GETTING MORE SOPHISTICATED. EXAMINE CLOSELY

CONSIDER YOUR PHONE AN EXTENSION OF YOUR COMPUTER

ALWAYS CONTACT INFORMATION TECHNOLOGY IF YOU QUESTION SOMETHING

QUESTIONS?

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