

Phishing: Don't Take the Bait



~ Arshiya Khan

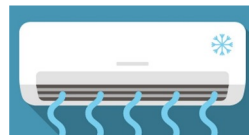
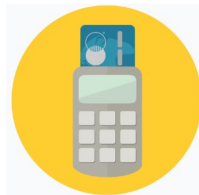


TARGET BREACH! (NOV-DEC 2013)

WHAT

- 70,000,000 Personally Identifiable Information(PII)
 - Social security
 - Email address, phone
 - DoB, Address
 - Financial info
- 40,000,000 Credit/Debit Info
- 11 GB data

HOW



Fazio Mechanical Services, Pa



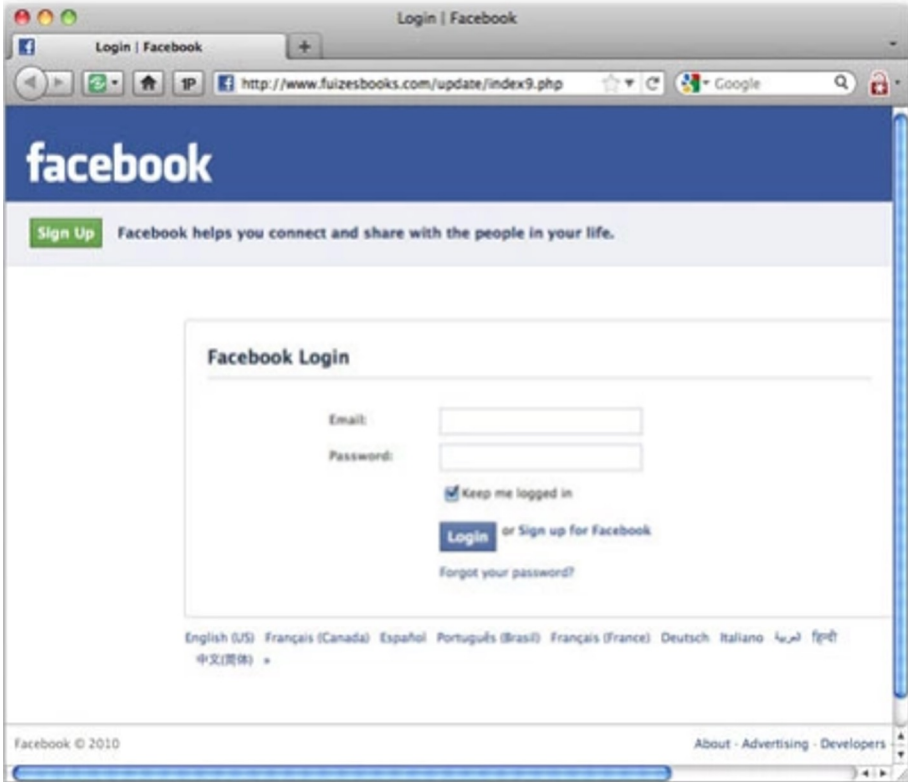
AFTERMATH

- CEO, CIO, CSO sacked
- \$200 mil returned to customers by banks
- 140+ lawsuits filed
- ~\$1B total damage

WHAT IS PHISHING

- Social Engineering technique
- The collection of personal data carried out illegally or fraudulently through the internet
- Use the information collected to make purchases online, bank transfers or cash withdrawals on behalf of the fraud victim
- UDel: reportaphish@udel.edu
- US: phishing-report@us-cert.gov

DETECTION



REVERSE IDENTITY THEFT

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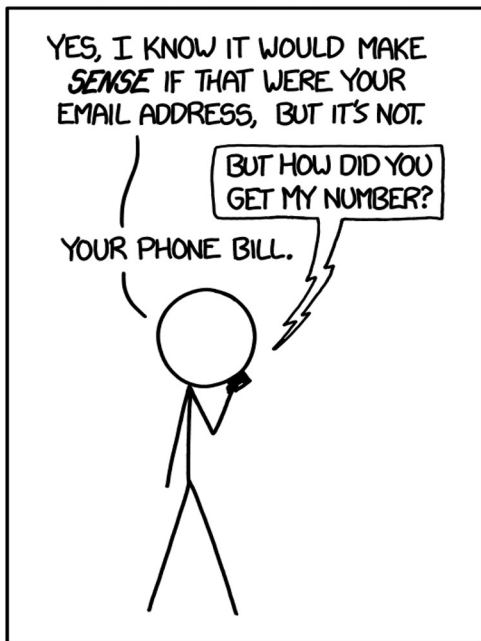
IF YOUR EMAIL ADDRESS IS
[FIRST INITIAL] + [LAST NAME]
@GMAIL.COM

YOU GRADUALLY GET TO KNOW
LOTS OF OLDER PEOPLE WHO
HAVE THE SAME NAME PATTERN

YES, I KNOW IT WOULD MAKE
SENSE IF THAT WERE YOUR
EMAIL ADDRESS, BUT IT'S NOT.

BUT HOW DID YOU
GET MY NUMBER?

YOUR PHONE BILL.



PHISHING LICENSE

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