



Internet Fraud, Scam and Phishing

Avag Arakelyan (CTO @ EasyDMARC)



Agenda

- Introduction to Internet Fraud
- Fraud Types
- Phishing
- Email Fraud and Authentication
- Email Security

Internet Fraud



Internet fraud is a type of fraud, which makes use of the Internet and could involve hiding of information or providing incorrect information for the purpose of tricking victims out of money, property, and inheritance.

\$1.4 billion loss

FBI's 2017 Internet Crime Report



Examples



Internet Fraud Types



- **Phishing**
- **Vishing**
- **SMishing**

Phishing (Scam)

Phishing

WHAT YOU NEED TO KNOW

SCAMMERS ARE AFTER YOUR



Passwords



Financial Info



Identity



Money

WHY DO WE FALL FOR THESE SCAMS?

- Urgency
- Curiosity
- Desire to please
- Complacency
- Greed
- Fear



PROBABILITY THAT A PHISHING MESSAGE SUCCEEDS

1 out of 10!



How to Protect Against Phishing

- Avoid using public networks
- Watch out for shortened links
- Verify the target site's SSL credentials
- Beware of pop-ups
- Investing in the right technology
- User education

Email Fraud

Fact 1.

**\$1.6 million stolen assets per
company in average**

Fact 2.

**30% of employees continue to
open spear phishing emails**

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Fact 3.

**92% of successful cyberattacks
started from phishing email**





Cyberattacks starting from email

- Business Email Compromise (BEC)
- Consumer Phishing
- Account Takeover
- Data Breach
- Ransomware



Why email is the #1 attack vector for cyberattacks

Almighty “From”



Email Authentication

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- **It is risky**
 - **The standards are great, but they are error-prone and tricky to implement**
 - **Getting to enforcement is hard, but staying there is even harder, as it requires constant and active monitoring**
 - **Few people know that they need to deploy email authentication on all their domains, even if they don't send emails from those domains**

Email Security



Watch Out For

- Spelling & Grammar Errors
- Asking for personal information
- Sender Address
- Alarming content full of warnings and potential consequences
- Urgent deadlines
- Offer of large financial rewards
- Things That Sound Too Good to be True
- Attachments
- Links
- Login Pages



Better Safe than Sorry

Email: avag@easydmarc.com