

Commission Presentation

Cybersecurity

July 9, 2020



CUPERTINO



Agenda

- Cyber Threat Landscape
- Ransomware
- City's Cybersecurity Defense
- Questions

Cyber Threat Landscape





Cyber Threat Landscape

MAN-IN-THE-MIDDLE

DENIAL-OF-SERVICE

SQL INJECTION

ZERO-DAY EXPLOIT

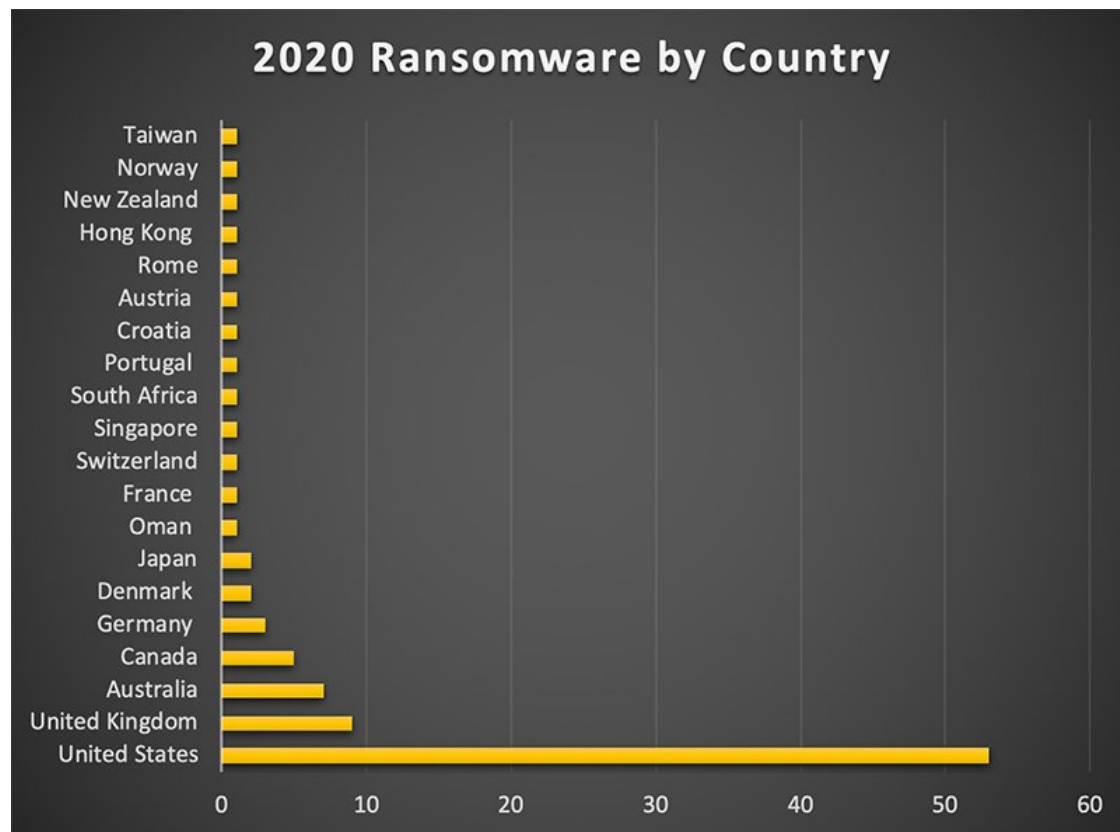
DNS TUNNELING

MALWARE

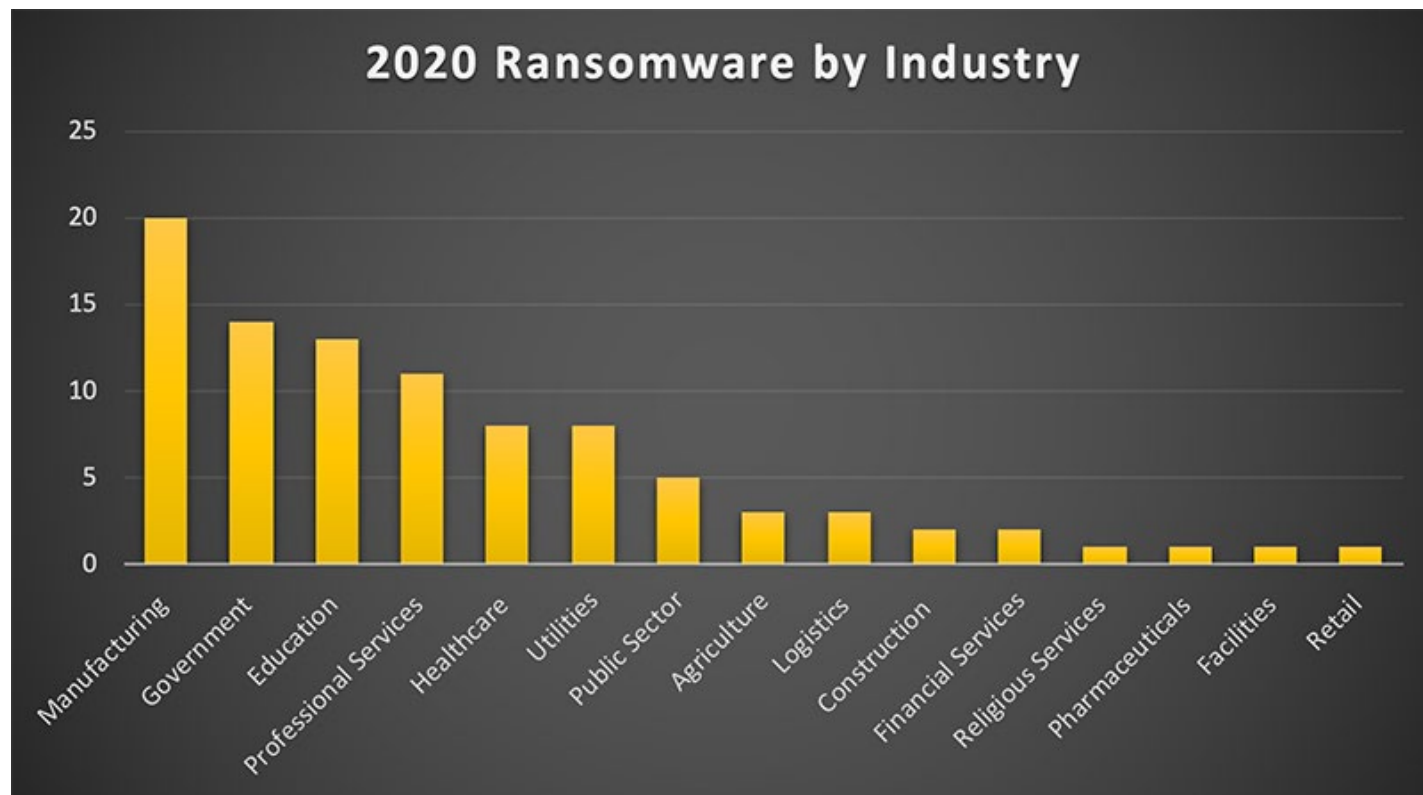
PHISHING

RANSOMWARE – PHISHING + MALWARE

Ransomware



Ransomware

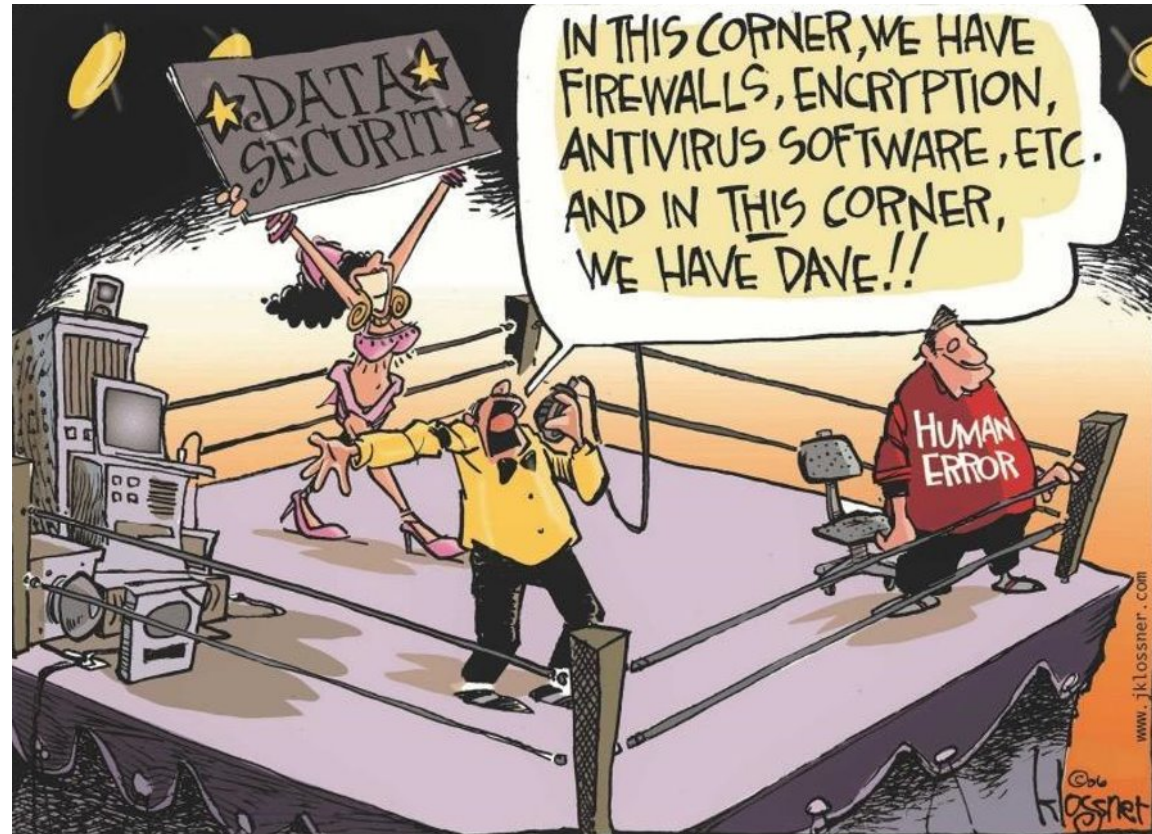


Ransomware

Successful Recent Attacks

- Las Vegas, NV
- Tillamook County, OR
- Racine, WI
- New Orleans, LA
- North Miami Beach, FL
- Torrance, CA
- Knoxville, TN
- UCSF – \$1.14M

City's Cybersecurity Defense



City's Cybersecurity Defense

Training & Notification

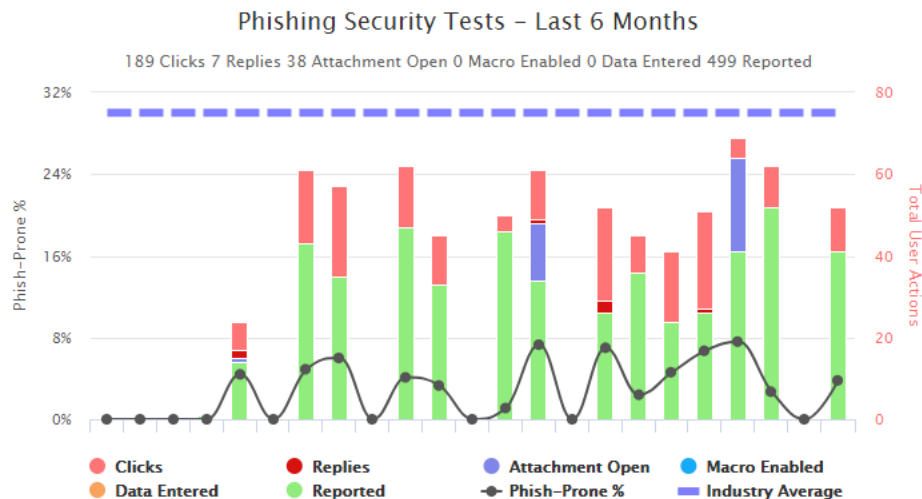
- Mandatory for all employees
- COVID-19
- Phishing Campaigns
 - Fail – Remedial Training
- Caution Banner – Outside of Cupertino

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City's Cybersecurity Defense

Where we stand:

[See more phishing reports](#)



Industry Benchmark Data ?

YOUR LAST PHISH-PRONE%

3.8%

INDUSTRY PHISH-PRONE%

30%

Industry:

Company Size:

Program Maturity:

City's Cybersecurity Defense

Your Mission:



Questions?

