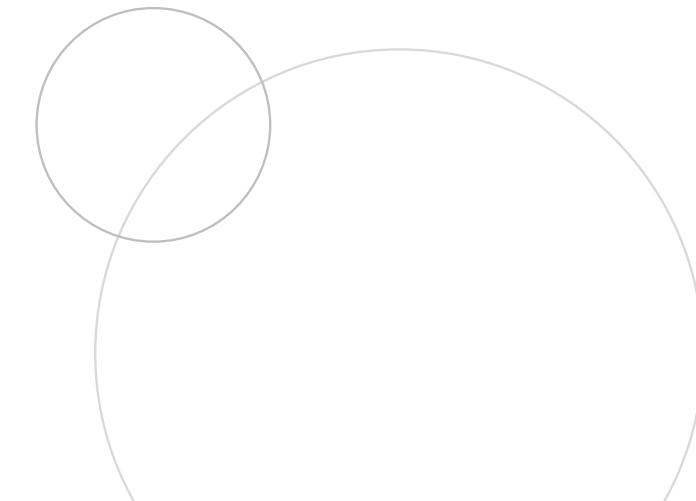




# CYBER SECURITY & AWARENESS

- ASHWIN PHADKE

---





# A TYPICAL WHAT IS CYBER SECURITY SLIDE



When you maybe already know.

**KEEP  
CALM  
WE ARE  
STARTING  
SOON**

**Yeah  
Sure.**

# STATISTICS

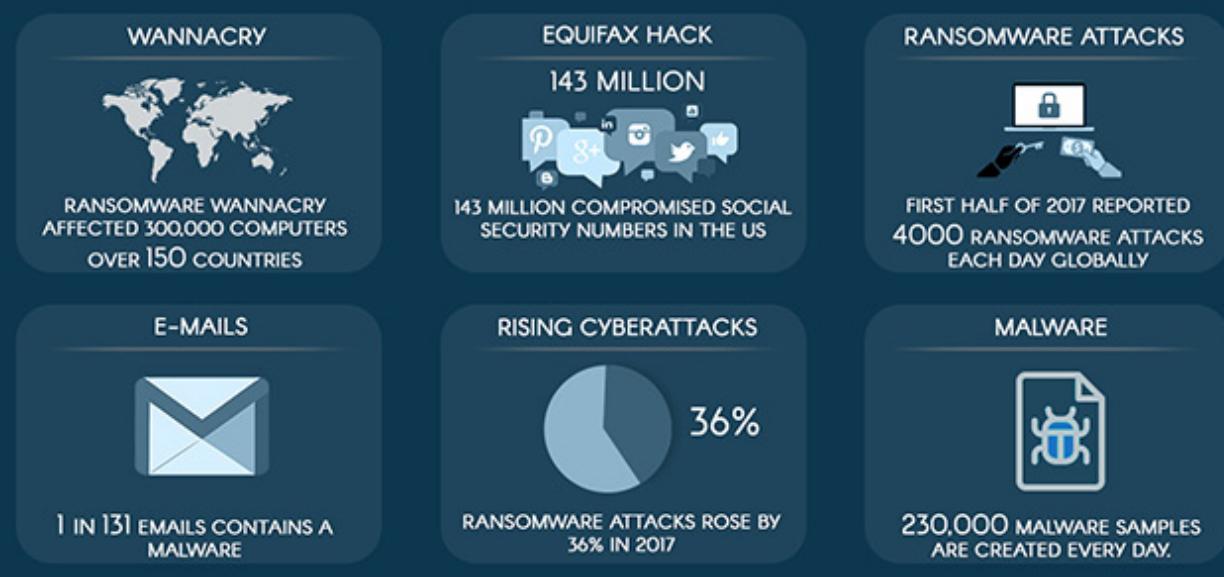
1. Go ahead, install random software's.
2. Use cracked products(I know IDM helps but still).
3. Using cracked Steam(I play CS too).
4. Those WhatsApp forwards of amazon offers that we don't need
5. That IoT device you made and forgot the security patch
6. The super super secret router password : admin, admin@123 and this that.



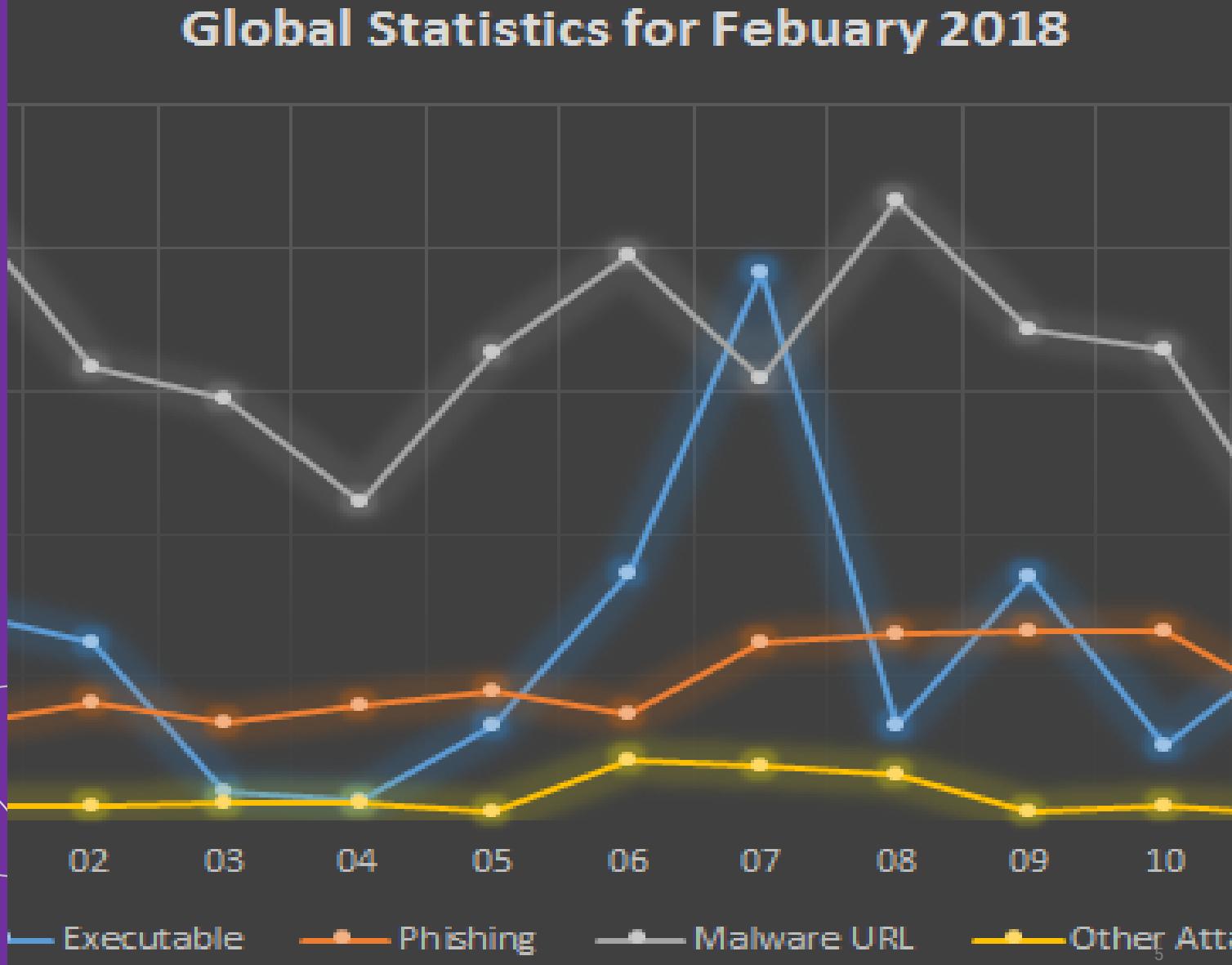
## 5 CYBER SECURITY THREATS TO EXPECT IN 2018



## SOME CYBERCRIME STATISTICS FROM 2017



This ought to  
scare,  
but generally  
people don't  
care and  
then pay for  
ransomware





- [X] NEW ATTACK: FROM [EGYPT] TO [COLOMBIA]
- [X] NEW ATTACK: FROM [CHINA] TO [THAILAND]
- [X] NEW ATTACK: FROM [PAKISTAN] TO [UNITED STATES]
- [X] NEW ATTACK: FROM [GERMANY] TO [COLOMBIA]

LOCAL TIME  
9:31:57

ATTACKS TODAY

289.5



# FIREEYE CYBER THREAT MAP

UNITED STATES

COLOMBIA

EGYPT

THAILAND

PHILIPPINES

CHINA

ATTACKERS  
TOP COUNTRIES  
PAST 90 DAYS



[VIEW FULL SCREEN](#)

Powered by FireEye Labs

TOP 5 REPORTED INDUSTRIES (PAST 90 DAYS)

FINANCIAL SERVICES

SERVICES/CONSULTING

TELECOM

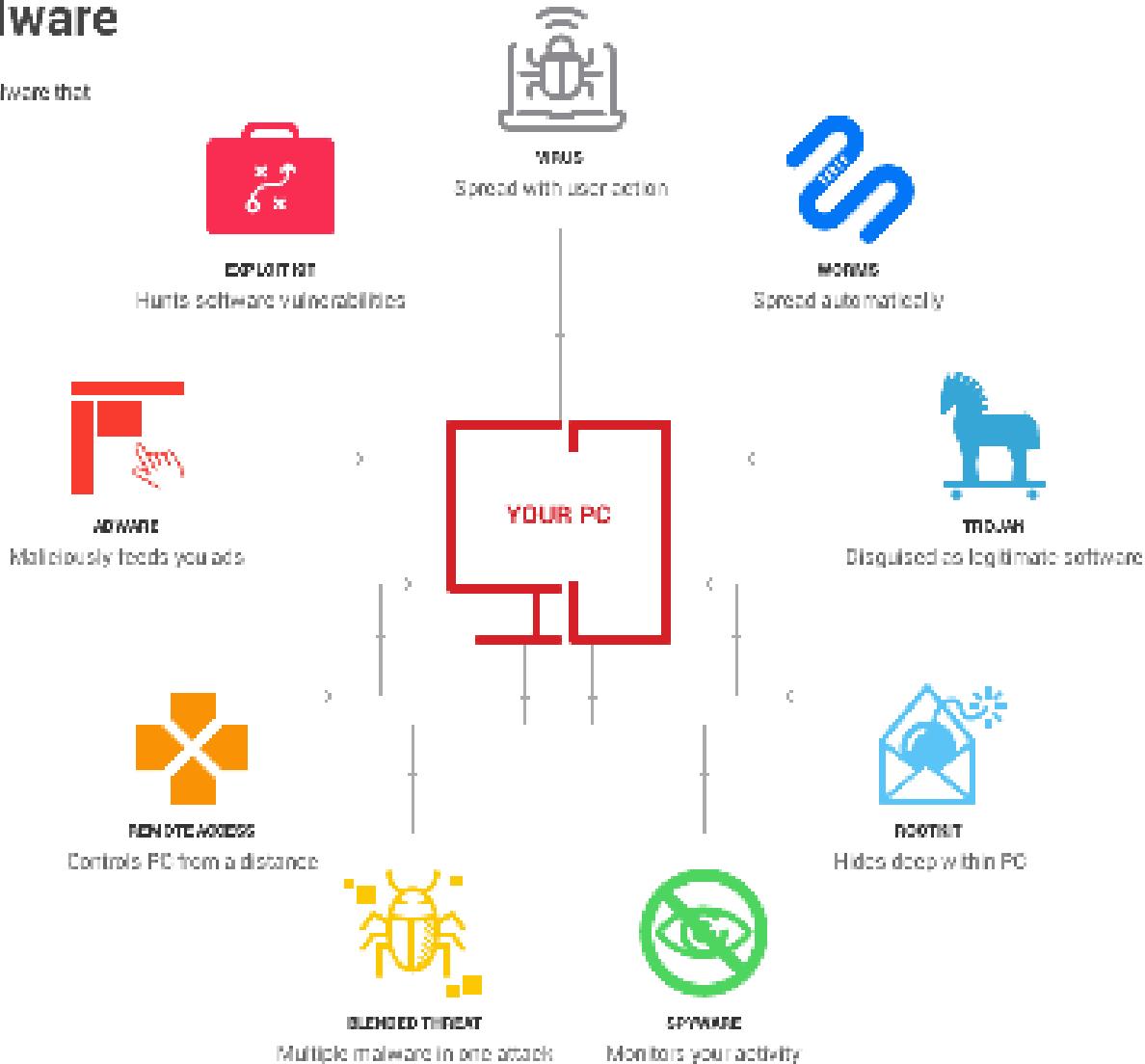
MANUFACTURING

INSURANCE



# Types of malware

These are the main types of malware that can be found across the web.





They are  
lurking  
everywhere

## COMMON TYPES OF CYBER ATTACKS



VIRUSES,  
MALWARE,  
WORMS,  
TROJANS



50%

CRIMINAL  
INSIDER



33%

THEFT OF  
DATA-BEARING  
DEVICES



28%

SQL  
INJECTION



28%



A dark, semi-transparent rectangular overlay covers the top portion of the slide, featuring a close-up photograph of a person's hands. One hand is resting on a laptop trackpad, while the other hand is visible above it.

# Whom should I inform?

# Report Suspicious Computer Problems



If your system acts unusual!

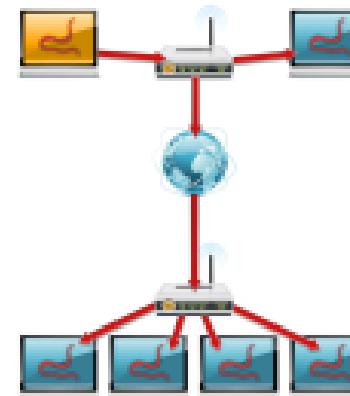
Report immediately to concerned authorities!



*Trojan Horse*

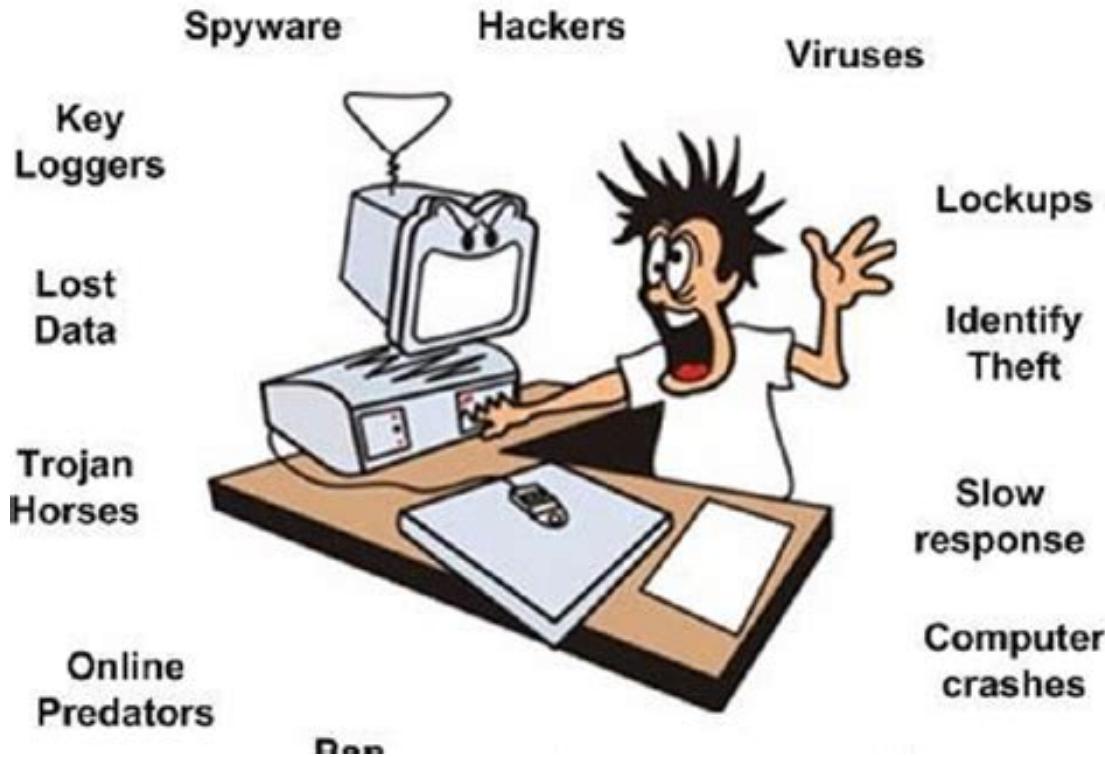


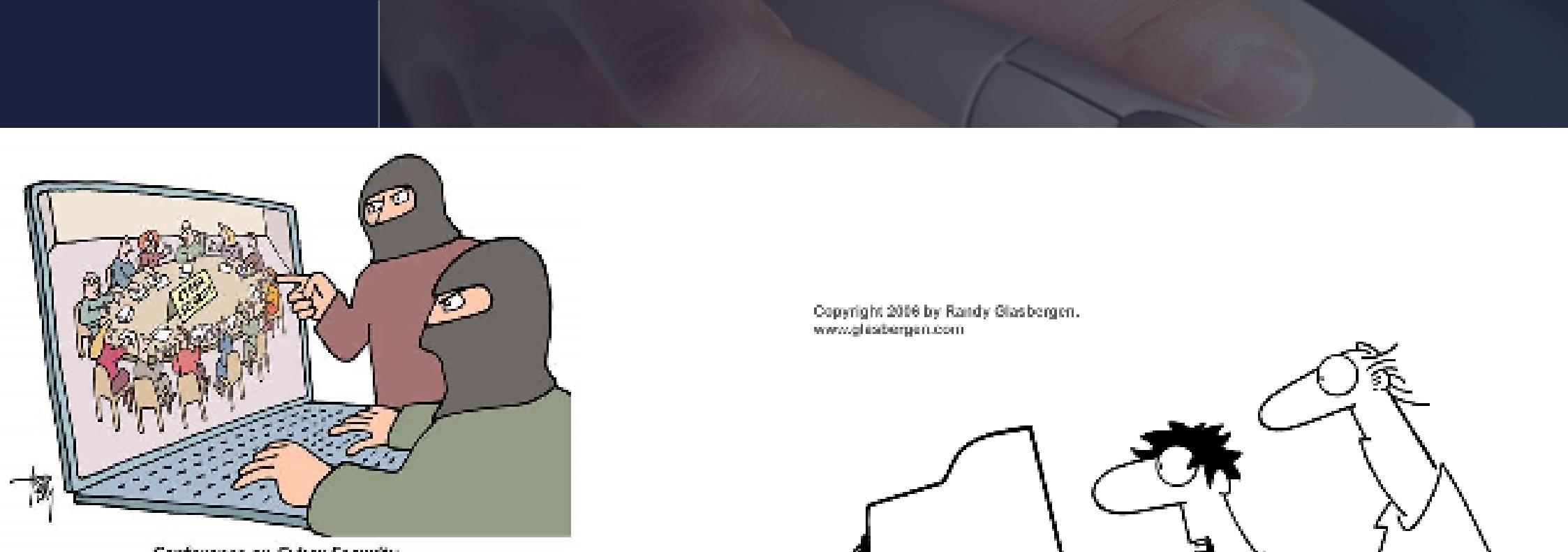
*Spyware*



*Worm*

# Save yourself from



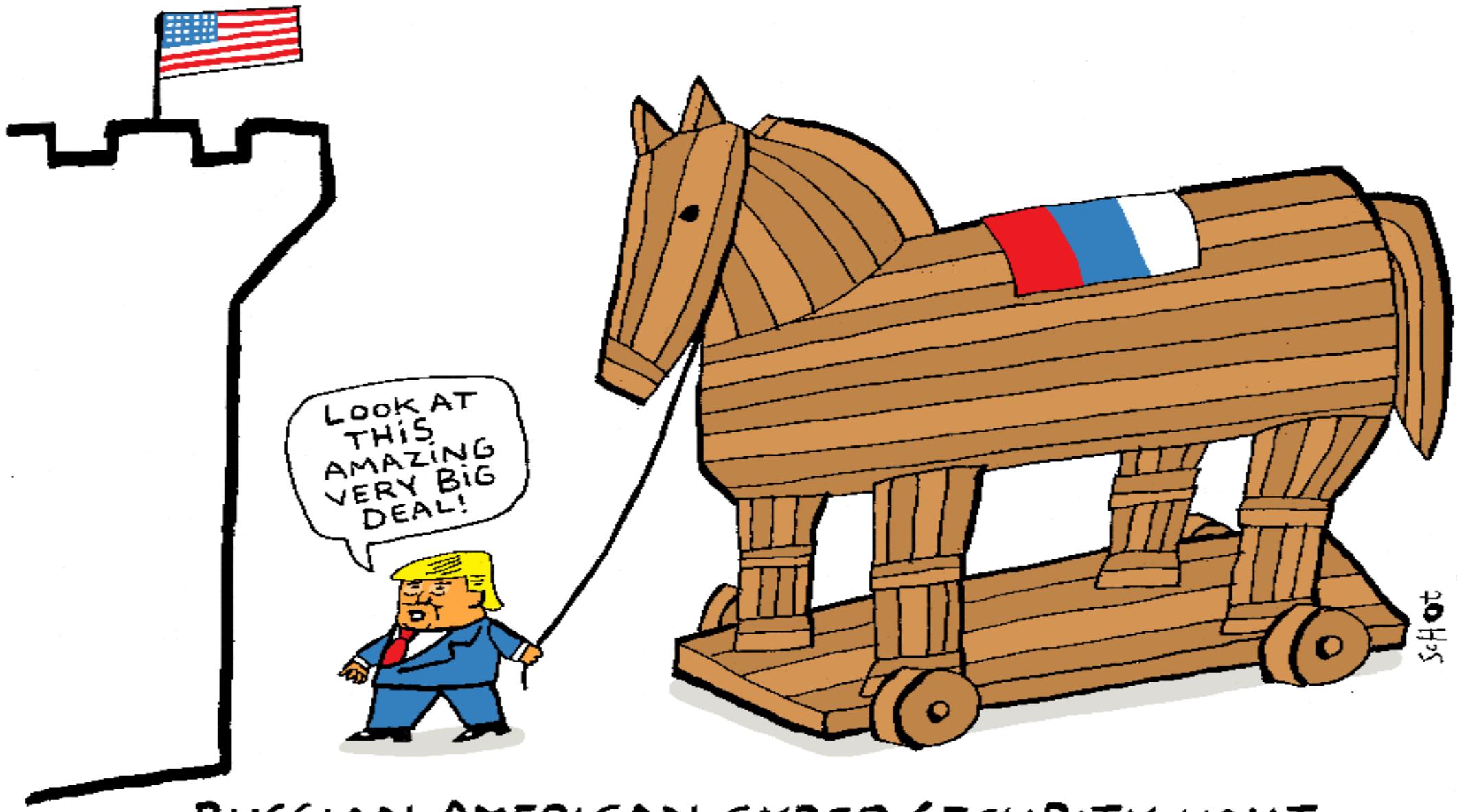


Conference on Cyber Security

Copyright 2009 by Randy Glasbergen.  
[www.glasbergen.com](http://www.glasbergen.com)



"The Identity I stole was a fake!  
Boy, you just can't trust people these days!"



RUSSIAN-AMERICAN CYBER SECURITY UNIT



A close-up photograph of a person's hands interacting with a laptop trackpad, positioned at the top of the slide.

Any opportunities lurking  
out there?

# Global Cybersecurity Skill Shortage + Increased Budgets = Career Opportunities

According to the State of Cybersecurity: Implications for 2015 report, cybersecurity now has executive support and increased budgets. Yet, there is still a shortage of skilled professionals. The solution includes hands-on training and trusted credentialing.

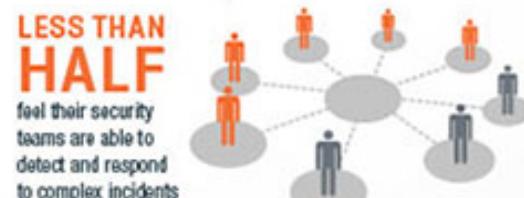
## 1 THE ROLE IS NEEDED



The most frequently successful cyberattacks:

- ① Phishing
- ② Malware
- ③ Hacking Attempts

## 2 FILLING IT IS DIFFICULT



## 3 THE IDEAL PROFESSIONAL



SOURCE: State of Cybersecurity: Implications for 2015, an ISACA and RSA Conference Survey  
[www.isaca.org/state-of-cybersecurity-2015](http://www.isaca.org/state-of-cybersecurity-2015)

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RSA Conference | Where the world talks security

CSX  
CYBERSECURITY NEXUS

ISACA  
Trust. Set your mind. Interact. Inspire.

# CYBER SECURITY



## Security Auditor

Skills: CISSP®, CISA®, COBIT®, CISM, IP, OWASP, ARP, Networking, Nessus, AppScan, Information Security, Penetration Testing, Linux

Median Salary:  
**₹ 9,81,000**

## Cyber Security Architect

Skills: CCNA®, CCNP®, Firewalls, VPN, IDS, IPS, SIEM, FISMA

Median Salary:  
**₹ 19,80,000**

## Information Security Manager

Skills: CISSP®, CISA®, COBIT®, CISM, SIEM, SSAE, CCNA®, CIPP/A, Juniper, Imperva, SecureSphere

Median Salary:  
**₹ 10,90,000**



## Top tips for cyber security

certnZ

Online security is becoming more important than ever. While there's no bulletproof way to prevent a cyber attack, here are some easy tips to help you keep your personal information safe and secure.

### Back up your data



Using an external hard drive or a cloud-based service, copy your data to another separate location so you can retrieve it if necessary.

### Keep your operating system up to date



Updates often fix vulnerabilities that attackers can find and use to access your system. It's an effective way to help keep them out.

### Install antivirus software



Free online antivirus software can be fake. Purchase antivirus software from a reputable company and run it regularly.

### Choose unique passwords



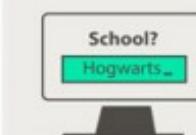
Create unique passwords for each account – that way if an attacker gets hold of one of your passwords, they can't get access to all of your other accounts.

### Set up two-factor authentication (2FA)



Choose to get a code sent to another device like your phone when logging in online – it helps stop hackers getting into your accounts.

### Use creative recovery answers



Common security answers like your pets name or your school can be easy for an attacker to find out. Choose novel answers that aren't necessarily real.

### Be cautious of free WiFi networks



Be careful using free WiFi and hot spots - they are untrusted networks so others could see what you are doing.

### Be smart with social media



What you post on social media can give cyber criminals information that they can use against you. Set your privacy so only friends and family can see your details.

### Don't give out personal info



Legitimate-looking emails are very clever at trying to trick us into giving away personal or financial information. Stop and check if you know who the email is from.

### Check bank statements regularly



Keeping an eye on your bank statements could be the first tip-off that someone has accessed your accounts. Ring your bank immediately if you see something suspicious.

### Get a regular credit check



An annual credit check will alert you if someone else is using your details to get loans or credit.

To report a cyber security problem, visit [www.cert.govt.nz](http://www.cert.govt.nz)

Courtesy : certnZ



# THANK YOU



ashwinphadke1@gmail.com



<https://ashwin-phadke.github.io>

Contact : 9860386639