How to Keep Your Weekends Boring Everyday Cybersecurity Tips

John Nagler

- UW-Madison Graduate
- Risk Analyst UW
 Office of Cybersecurity
- 22 years Information
 Technology Professional





Goalsfor Today's Talk

01

HELP YOU UNDERSTAND THE THREAT LANDSCAPE 02

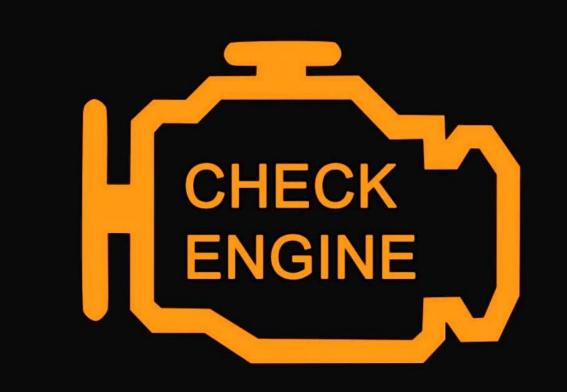
GIVE YOU SOLUTIONS THAT YOU CAN WORKON 03

HELP YOU TO HAVE BORING WEEKENDS

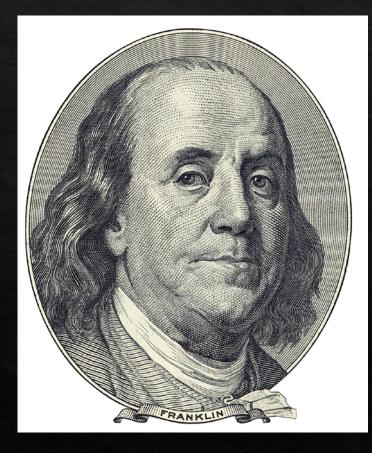
What, When, Where, Why, How?



This does not exist in technology



"An ounce of prevention is worth apound of cure."



Credential Management
Does it need to be Windows?
The importance of

segmentation

- Thinkinglike an attacker
- * Recovery

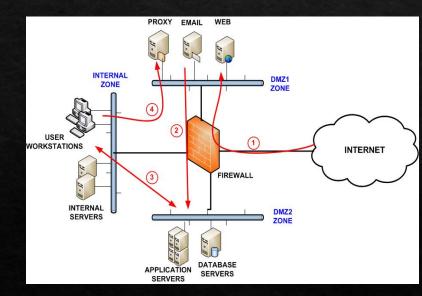


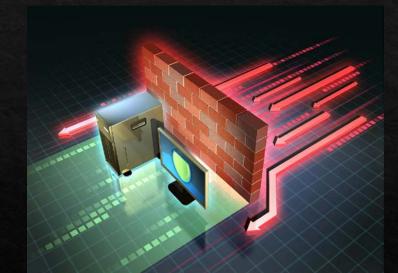
Credential Management

Networks

Firewalls

Accounts



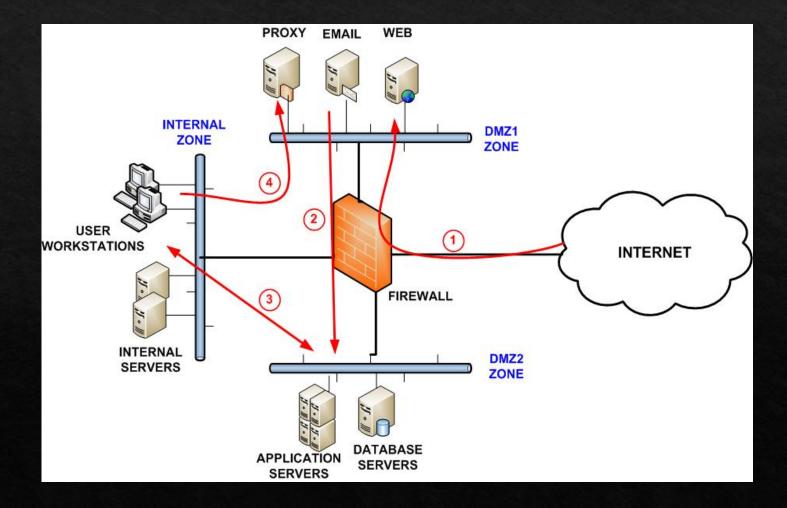




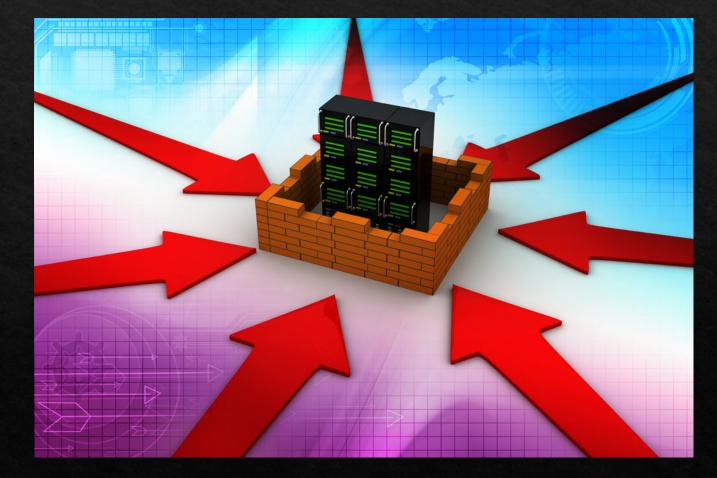
0 0 0 0 0 cowen-da Tier 0 0 0 cowen-admin Tier 1 0 Tier 2 cowen

Credential Tiering

Network Segmentation



Firewall Everything



Does it need to be Windows?

Windows Alternatives Apple Linux Chromebooks

SaaS

Terminals

Cloud Desktop Or VDI

Do what the attackers do

- Lite penetration tests
 - Perform Scans
 - Shodan Scans
 - NMAPScans
 - Check domain records
 - Beware of social media (LinkedIn, Facebook, etc.)



Build it back up

Back-up and Recovery

- Have a system
 - * On-site
 - Off-site/Disaster Recovery

Test and verify that it works

A Hail Mary



Install Russian keyboards



John Nagler Questions - john @johnnagler.com