



INFRA
SHIELD

Career Tips for Breaking into Cyber Security

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About the Speaker

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Security Expertise

Apache SpamAssassin

KAM.cf

Helped with the first IDS

MIMEDefang

Phone Lines Cut

Apology letter from the FBI



Quis Custodiet Ipsos Custodes?

USENIX / Systems Administrators' Code of Ethics

<https://www.usenix.org/system-administrators-code-ethics>



Q/EH® Qualified/ Ethical Hacker

CEH Certified Ethical Hacker

Experimentation

“If you can’t build a network, you can’t secure a network...” - KAM

Hackthebox.com

Don’t run things you don’t know what they do!

Follow your Rules of Engagement (ROE)

Think Evil

Start with Why:

Threat Modelling is important.

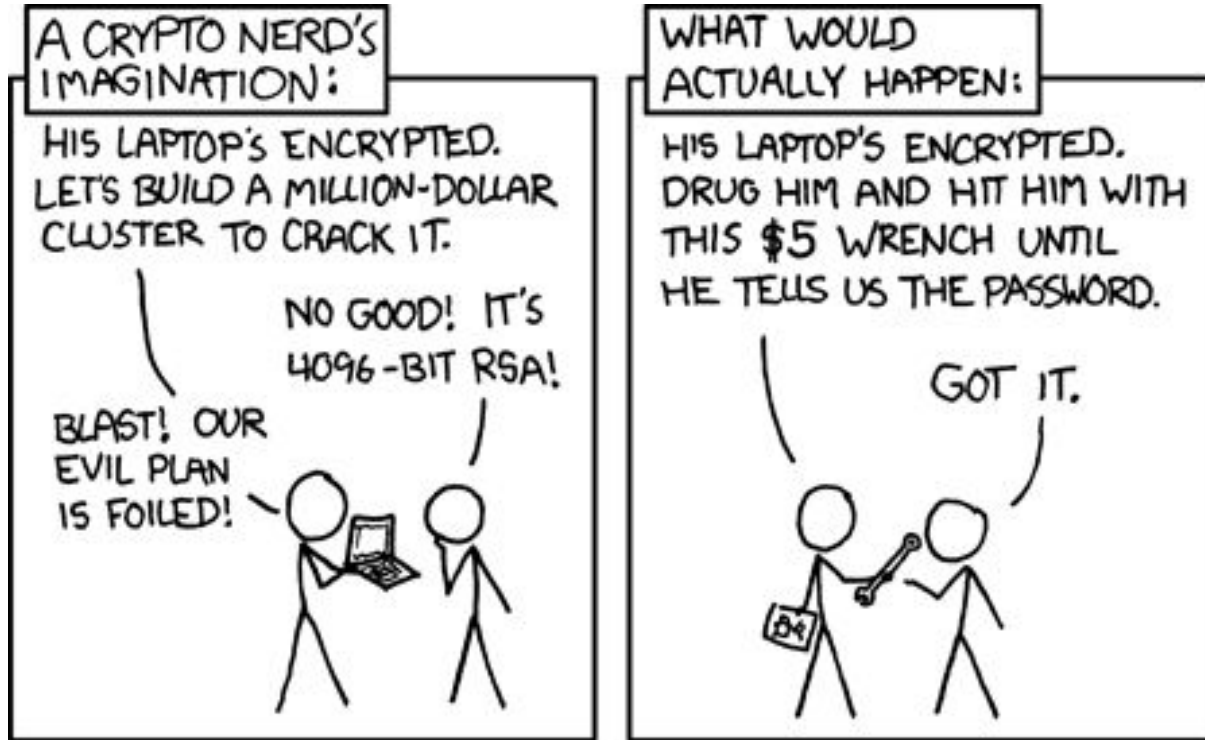
MITRE ATT&CK to understand your adversaries and their TTP (Tactics, Techniques & Procedures)

Palo Alto Networks Unit 42 Playbooks

What makes a high-end, security person?

- Documents everything including concerns
- Thinks Evil
- Proves if they are wrong or right (following ROE and ethics)
- Ethically disclose issues

xkcd.com is a source of great knowledge and humor



Join ISSA and Network

LinkedIn is how people network and get jobs. Paper Resume = Dinosaur

LI Custom URL - See <https://www.linkedin.com/public-profile/settings>
Custom URL setting in the top right

Hint: People like being asked for advice

Use a message to new connections to remind you why you connected with them!

Post something monthly. It can be a slide deck, a comment on a newsworthy article, etc.
LI is the place for business not for posting cat photos

Three More Tips

Certifications are NOT the magic answer

Consider using and helping open source software projects

Work to be a thought leader

Thanks!

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<https://xkcd.com/538/> CC BY-NC 2.5

Homework:

Watch The I.T. Crowd on Netflix Season 3, Episode 4: “The Speech”

3D Print Me the Internet

Research Bastard Operator From Hell and read first chapter



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