



MIS|TI™ PRESENTS

InfoSecWorld
Conference & Expo 2018

THE HACKER CARNIVAL - SECURITY AWARENESS CAN BE EXCITING AND EFFECTIVE. NO REALLY.

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INTRODUCTIONS



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About

Cyber Security Team Lead – Darden
Course Director at Full Sail University
President of BSides Orlando

Occasional guest blogger on Tripwire – State of Security

Education

BS – Information Systems Security – ITT

AS – Computer Network Systems – ITT

Technical Certificate – Cisco Networking – Seminole State

Certificates

CISSP

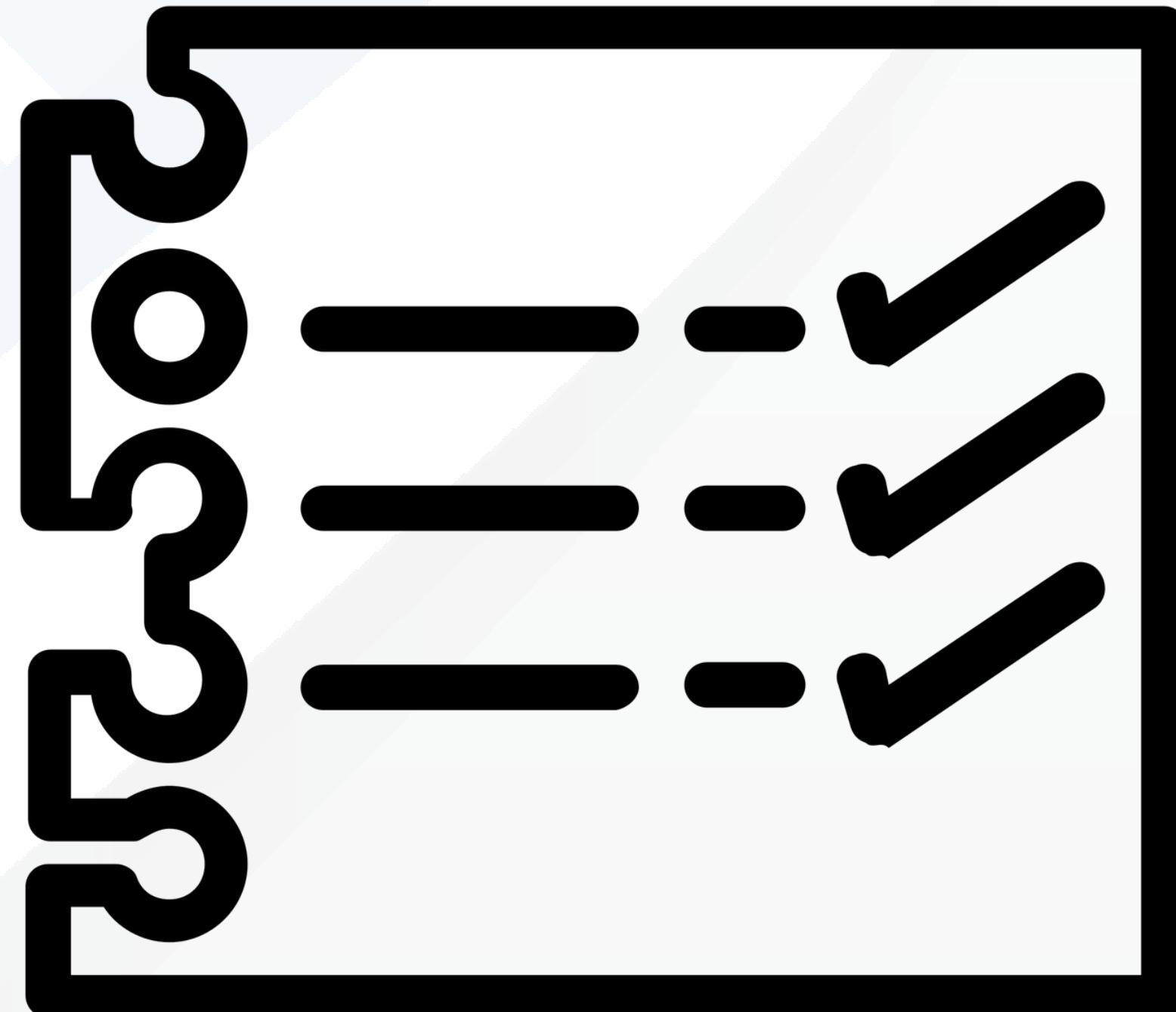
ITIL v3 - Foundations

AGENDA



AGENDA

- Security Awareness – The much maligned best defense
- The Challenge – Avoiding the standard traps
- Make Leadership Believe
- Engage your Security Team
- Engage your Vendors
- Engage your People
- Boot strapping the program
- Building training material
- Running the Hacker Carnival Event
- Tying it all together – Make the feeling last all year!
- QA



SECURITY AWARENESS

IS NOT A PUNCH LINE



SECURITY AWARENESS – THE MUCH MALIGNED BEST DEFENSE

- Everyone isn't security
- Security is about relationships
- Security awareness will never make people more secure
- So why do it?



THE CHALLENGE

AVOIDING THE STANDARD TRAPS



THE CHALLENGE – AVOIDING THE STANDARD TRAPS

- Checkbox
- Not Engaging
- That Annual Quiz
- Apathetic Security Teams
- Not a Priority



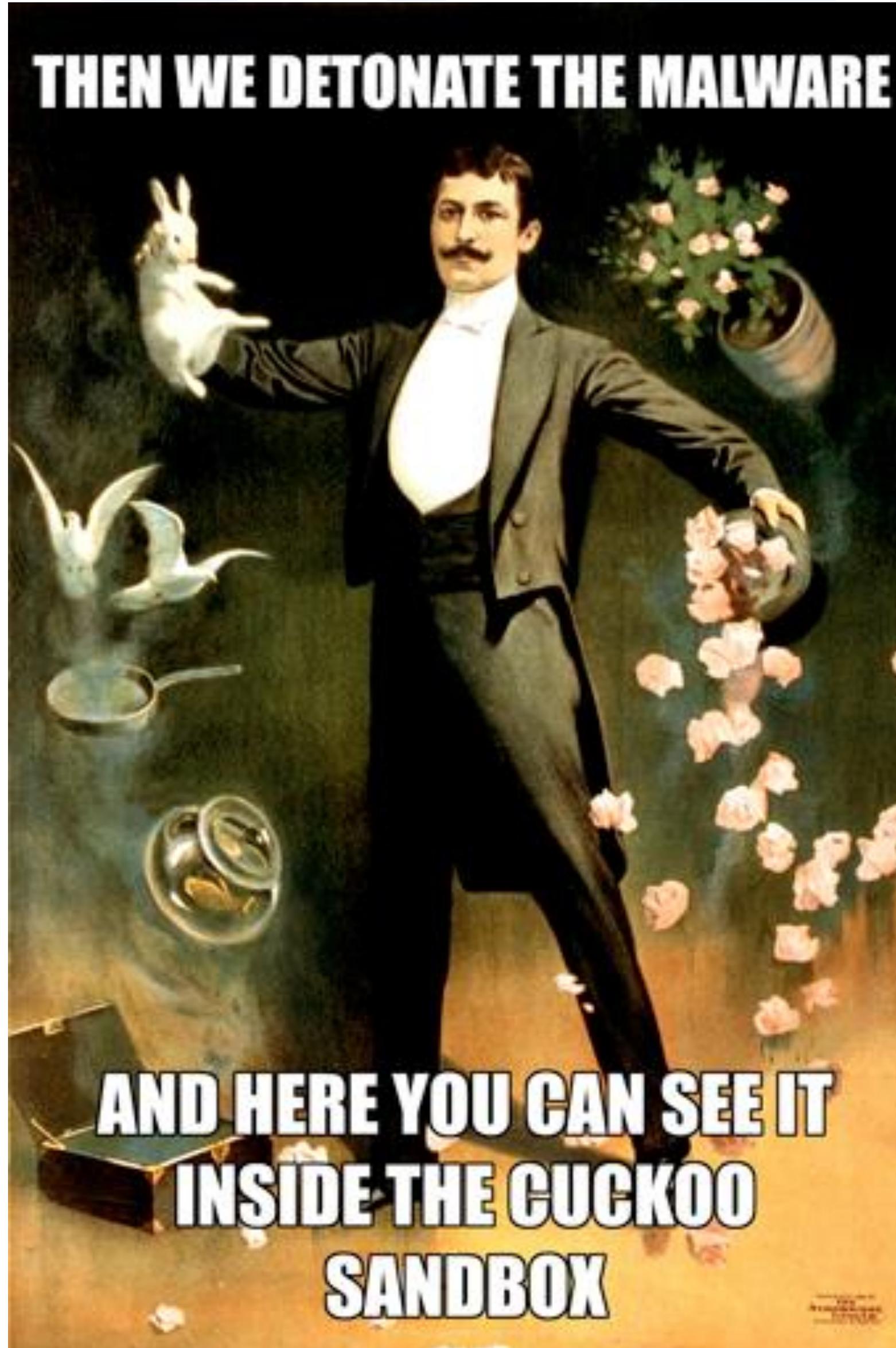
MAKE LEADERSHIP BELIEVE

<INSERT JOURNEY>

...NOW YOU'RE SINGING IT IN YOUR HEAD...



MAKE LEADERSHIP BELIEVE



THEN WE DETONATE THE MALWARE

**AND HERE YOU CAN SEE IT
INSIDE THE CUCKOO
SANDBOX**

- Blood and Treasure
- Show them the magic, but not the trick
- We're not teaching people to hack
- Demonstrate results
- Love. Your. Lawyers

**ENGAGE
YOUR
SECURITY
TEAM**



ENGAGE YOUR SECURITY TEAM

- Let them show off
- Excitement is infectious
- Humanize your team



If your security team is in the shadows, they aren't building relationships.

ENGAGE YOUR VENDORS



ENGAGE YOUR VENDORS

- Vendors want to help
 - Sure... *to sell you more*
- Speakers and Pros
- Ethics
 - Prizes
 - Services



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**ENGAGE
YOUR
PEOPLE**



ENGAGE YOUR PEOPLE



**WE ARE VERY EXCITED TO BE HERE FOR
MANDATORY SECURITY AWARENESS TRAINING**

- Make it personal
- Simplify
- Everyone isn't security
- Feed them

BOOT STRAPPING THE PROGRAM



BOOT STRAPPING THE PROGRAM



THAR BE DRAGONS

Attempts to bypass this list will be met
with pain and strife.

HEED MY WARNING.

**CIRCUMVENTING THESE TASKS
IS DONE AT YOUR PERIL!**

BUILDING TRAINING MATERIAL



BUILDING TRAINING MATERIAL

Super Amazing Security Awareness Training

First name:

Shannon

Last name:

Employee

Department:

Sensitive Data Team

I will not be secure

I promise to be super duper secure

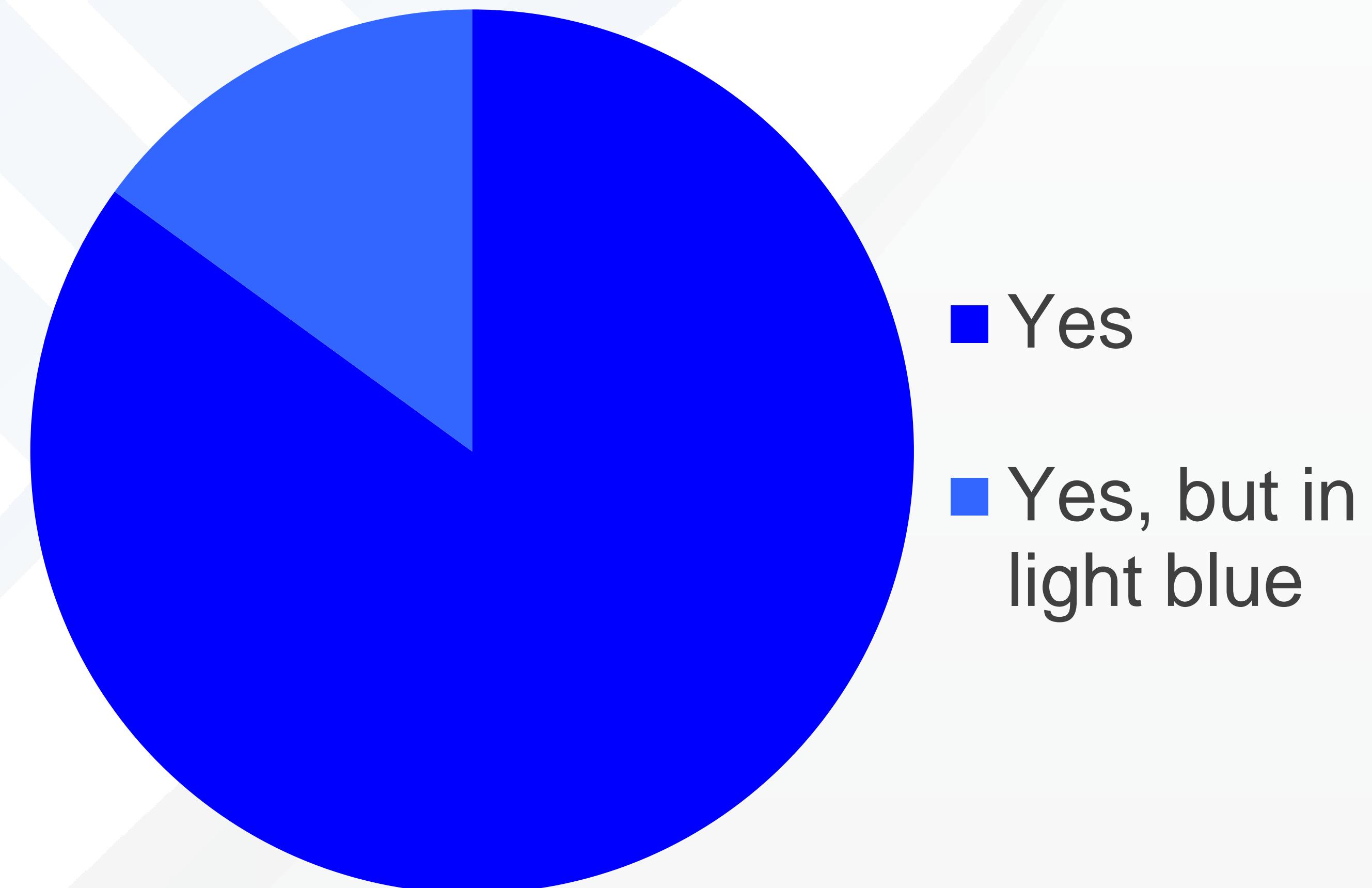
Submit

- Quizzes complement at scale
- Punch Cards & Palm Pilots
- Race to the bottom

BUILDING TRAINING MATERIAL

- Address personal behaviors
- Security is a transitive property
- Every minute counts
- How do we make it exciting?

Should Training Content always be Engaging and Relevant?



RUNNING THE HACKER CARNIVAL EVENT



RUNNING THE HACKER CARNIVAL EVENT

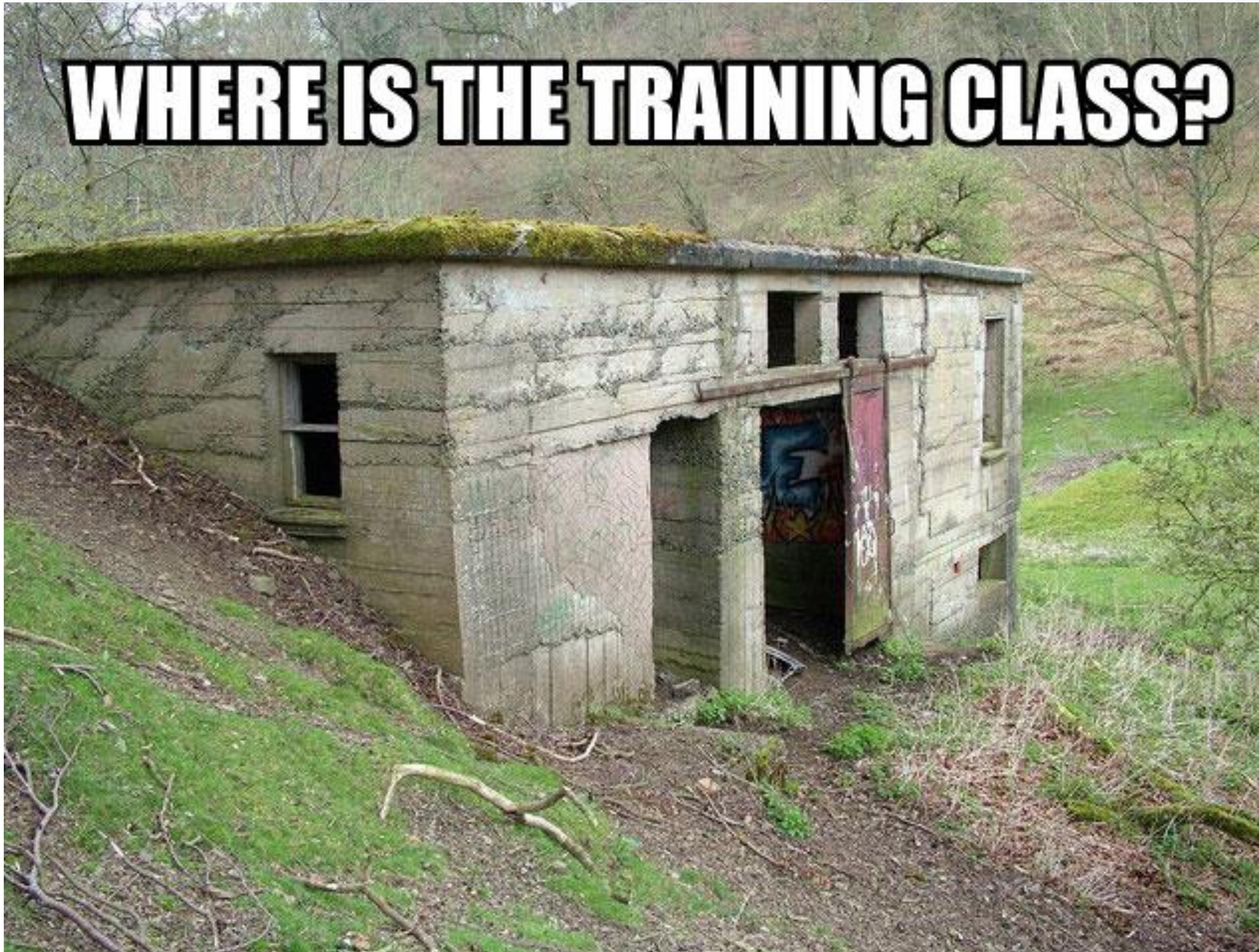


RUNNING THE HACKER CARNIVAL EVENT

- Make people curious
- Work with designers
- Comm Channels:
 - Department meetings
 - Newsletter
 - Blogs
 - Intranet
 - Emails
 - Word of Mouth



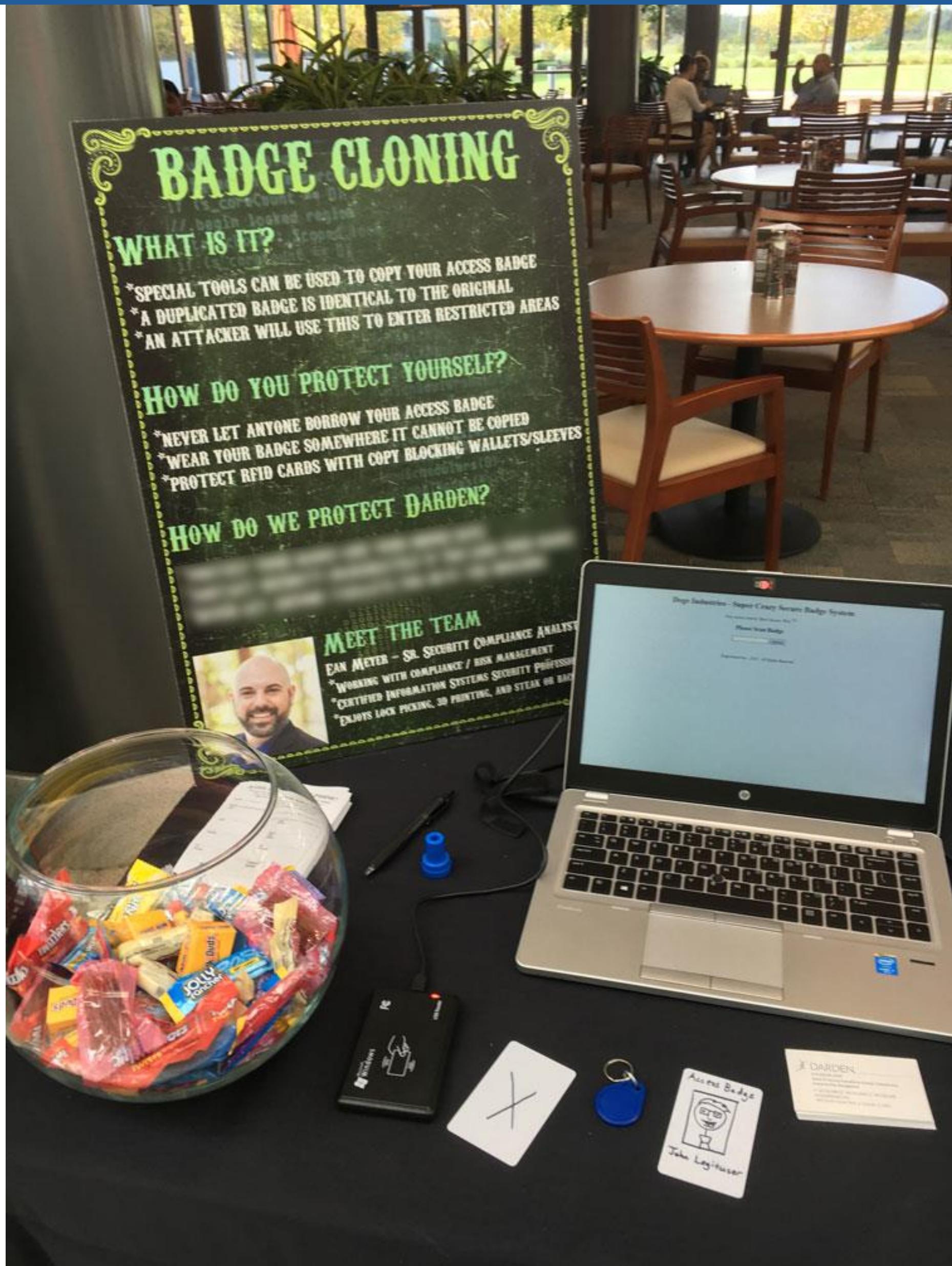
RUNNING THE HACKER CARNIVAL EVENT



WHERE IS THE TRAINING CLASS?

- Location matters
- Time matters
- Day matters
- Demos matter

RUNNING THE HACKER CARNIVAL EVENT



RUNNING THE HACKER CARNIVAL EVENT



RUNNING THE HACKER CARNIVAL EVENT

HACKER CARNIVAL RAFFLE PASSPORT

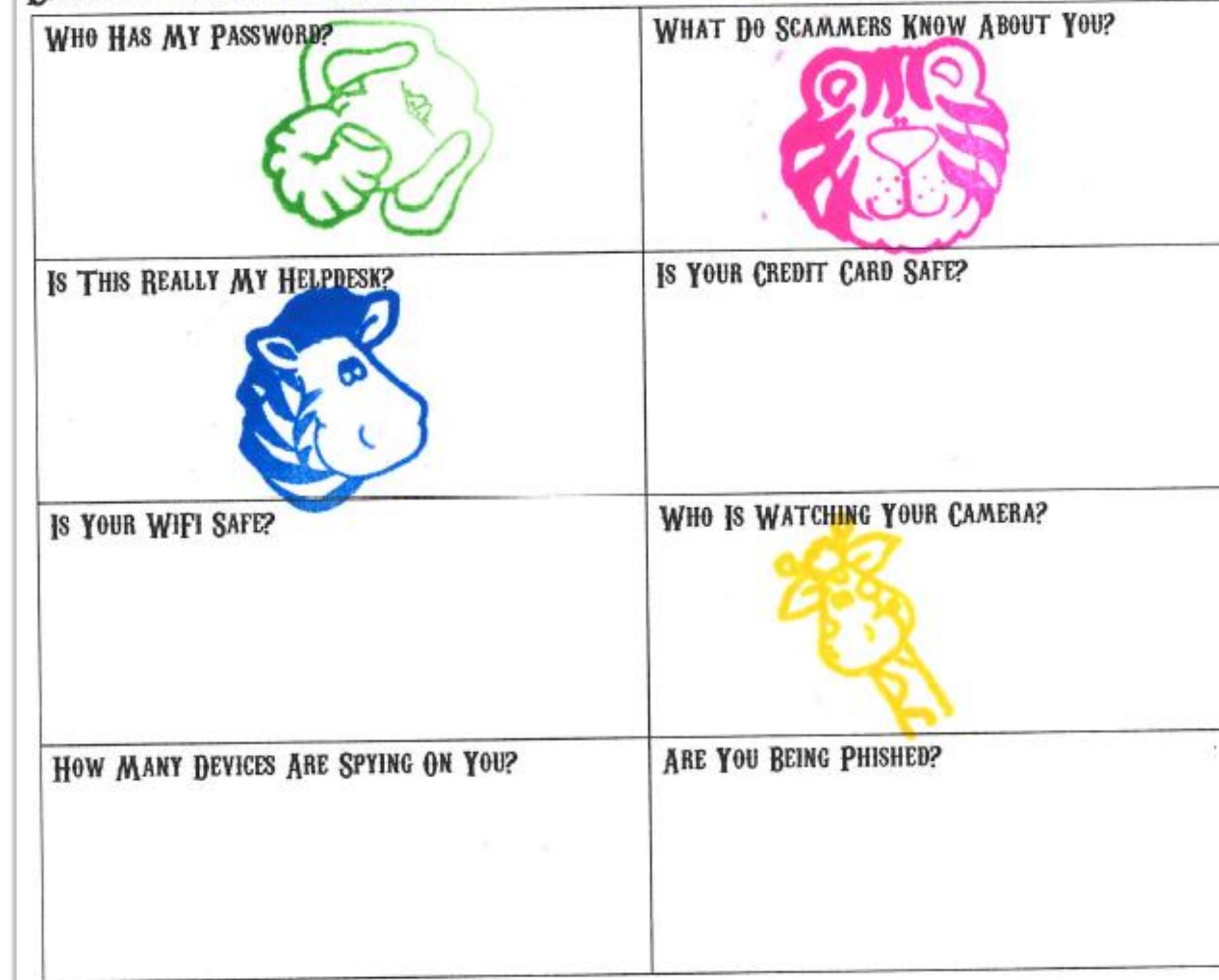
FOR EACH DEMO YOU ATTEND YOU WILL GET A STAMP ON YOUR PASSPORT

EACH STAMP GETS YOU AN ADDITIONAL TICKET IN THE RAFFLE

TURN YOUR PASSPORT IN AT THE RAFFLE DESK FOR TICKETS

NAME: Steve Employee EXT. X101010

EMAIL: notarealemail@fakedomain.com



- Cute Stamps Make Metrics
 - 43% - All Eight Demos
 - 71% - Five or more demos
- 2017
 - 55 hours of training in 2.5 hours
- 2016
 - 92 hours of training in 2.5 hours

Other data points: departments, attack vectors, and more.

**TYING IT ALL
TOGETHER**

**MAKE THE FEELING
LAST ALL YEAR!**



TYING IT ALL TOGETHER – MAKE THE FEELING LAST ALL YEAR!

YOU BUILT A BUNCH OF NEW RELATIONSHIPS, USE THEM!

- Host a Chapter Meeting!
- Internal Red Team Partnerships
- Table Top Exercises



SUMMARY



SUMMARY

- Security Awareness Training should be engaging
- Create experiences that motivate and fascinate
- The goal should be to **BUILD RELATIONSHIPS**
- Relationships change behavior
- Interaction is your best security outcome

QUESTIONS?

Prefer to ask in private?

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Talk with me at the conference!





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**THANK YOU
PLEASE FILL OUT YOUR EVALUATIONS!**

*Ean Meyer
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