



OWASP

Open Web Application  
Security Project

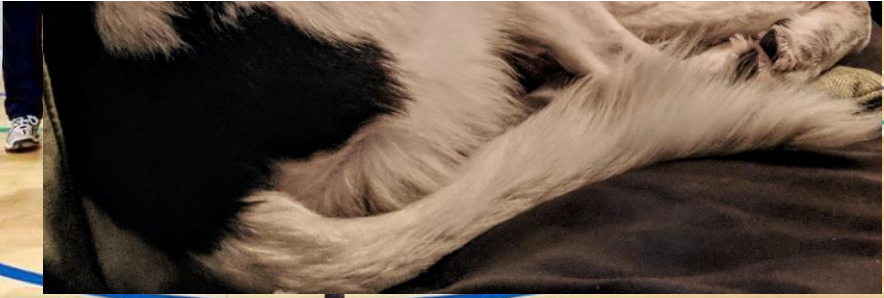
# “From ZERO to HERO” Building security from scratch

Anthi Gilligan

Application Security Engineer - Logitech

 @AnGreagach

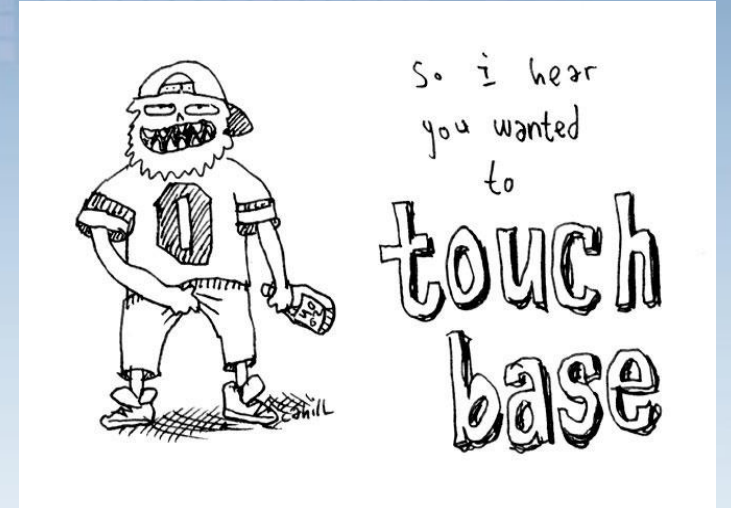
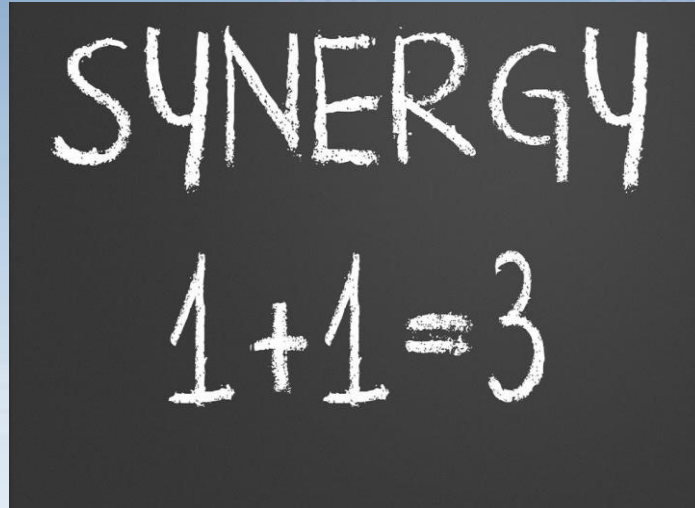
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# The state of Infosec



# The “experts”



# Pitfall #1



# Pitfall #2



# Pitfall #3



# Pitfall #4

ENCRYPT  
OR  
DIE!!!!!!





# Policies, standards and tech specs



# Security Architecture



# Security Architecture

## Agree principles and objectives scope first...



# Security Architecture

## Business Requirements Enterprise Architecture

- Goals
- Rules
- Requirements

## Security Architecture

- Laws and regulations
- Standards
- ISMS

*Ask the business*

*Ask the business*

*+*

*Ask the World!*

# Some principles of Security Architecture

Security and privacy by design

Security controls appropriate to risk

Secure SDLC

Identify the weakest link

Ensure accountability

Design using security standards

Least Privilege

Audit significant activities

Defence in depth

By invitation only

# Some (more) principles of Security Architecture

Simplify and standardise

Mutual authentication

Secure recovery

Inbound interactive connections

E2E technology lifecycle

Inbound interactive high-risk users

Protect the data

Remote log file collection

Fidelity of environments

Don't trust... prove!



# Question Time!



Coffee = 1 question

Beer = 2 questions

Gin = Let's talk at the bar 😊



@AnGreagach

