Revolutionize your security culture through security champions

German OWASP Day 2023

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Agenda

o Security champion

o Principles of enhancing security champions

Diana Waithanji

Believes that data security is a human right

Cybersecurity engineer at SAP SE

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Views are my own

A security champion is a member of a development team who is tasked with security issues and acts as the primary contact.

Principles of enhancing security champions

Independence

freedom to act independently

Idea

- promote a culture of autonomy
- Fail fast, fail forward

Confidentiality

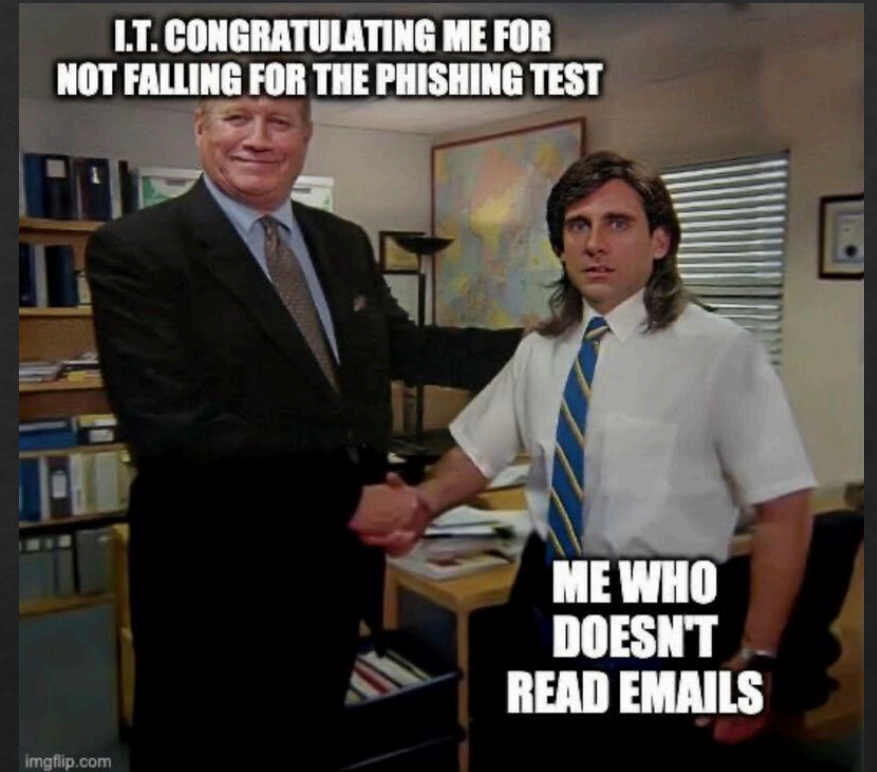Protection of sensitive information

Ideas

o   strong encryption mechanisms

o   restricting access to authorized personnel only

Human centered approach

consider the needs and behaviors of individuals

Ideas

o   user-focused training sessions

o   People management skills e.g. empathy

Empowerment

the necessary resources, knowledge, and authority

Ideas
- specialized training programs
- certifications

Equal opportunity

opportunities for are available to individuals from diverse backgrounds

Ideas

○ actively recruiting individuals from underrepresented groups

○ providing mentorship programs

Accountability

Holding security champions accountable for their actions

Ideas

- o Establishing metrics and performance
- o Feedback from dev teams

Accessibility

cybersecurity resources and knowledge easily accessible to all individuals

Ideas

o Developing user-friendly tools and interfaces

o providing clear and concise documentation

o offering support channels for questions and assistance

Conclusion & Thank You!

o   Independence

o   Confidentiality

o   Human-centered approach

o   Empowerment

o   Equal opportunity

o   Accountability

o   Accessibility

More resources at WeHackPurple

Diana Waithanji
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