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The Knights who say "ID"

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Same story every year, shows the value of Identities

74% of all breaches include the human element *

50% of all social engineering attacks are pretexting incidents *

Top 5 ways of breach include stolen credentials, phishing and pretexting *

A few days' news:

- Personal data of 73M customers of AT&T
- 700K customer data of Estonian Pharma
- 1000 CVs from OWASP

* Source: Verizon DBIR Report 2023

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A single case from the Dark Web

- Company has well-defined policies.
- User endpoints have EDR and multiple other measures on the perimeter.
- Users are trained and tested against phishing attacks.

A single case from the Dark Web

- Discovered a user's leaked data.
- Almost 150 leaked credentials from personal password manager.
- Just a few of them were corporate credentials - but you need only 1!

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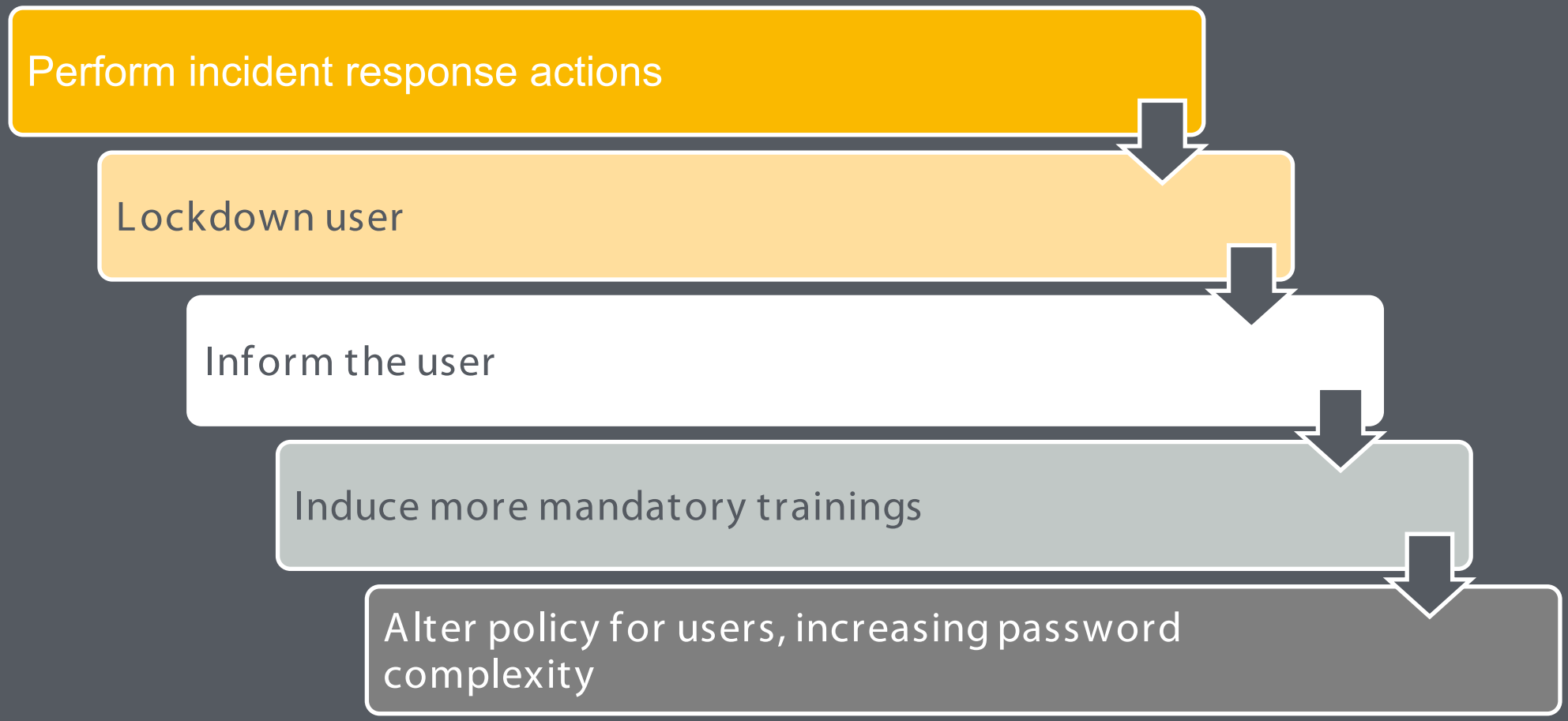
So what do we (*usually*) do?



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The vicious cycle of the Quest for the Holy Grail

The battle against the user

Are we becoming The Knights who say “ID”?

- Initially, we ask for something like a complicated password.
- Later, we ask for a very complicated and long password, that hasn’t been used for the last 6 times and will expire in 40 days..!

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A dangerous threat (?)

How do we see our users?

- Look like a manageable factor.
- Are unpredictable, if you underestimate them, you've lost!
- Can be the biggest threat, or turn into an exceptional asset.

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How do we break the Cycle?

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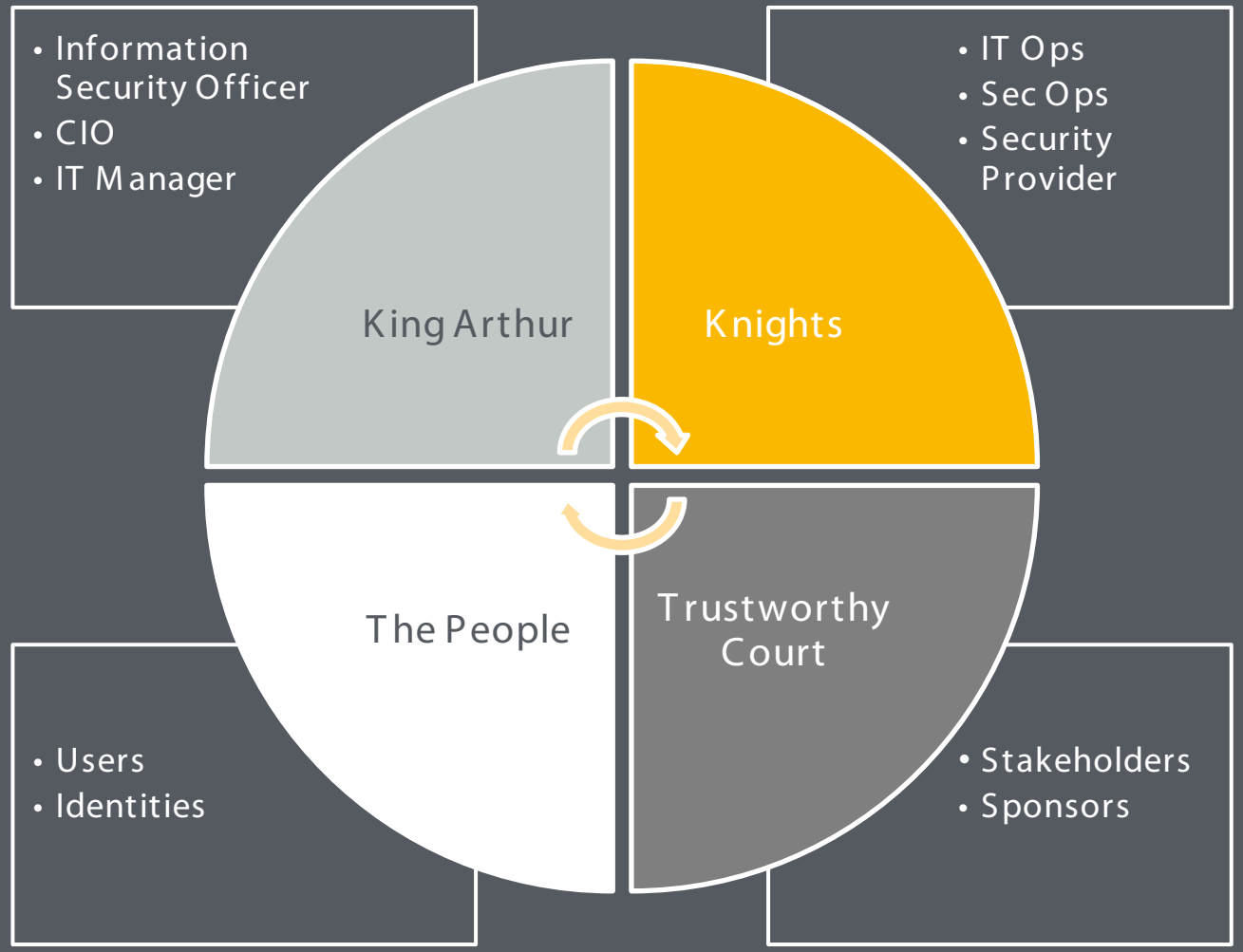
Assemble your Round Table



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What is your Quest?

- Build your Camelot fortress?
- Seek the Holy Grail?
  - Security?
  - Compliance?
  - Peace of mind?

Conquering evolving obstacles

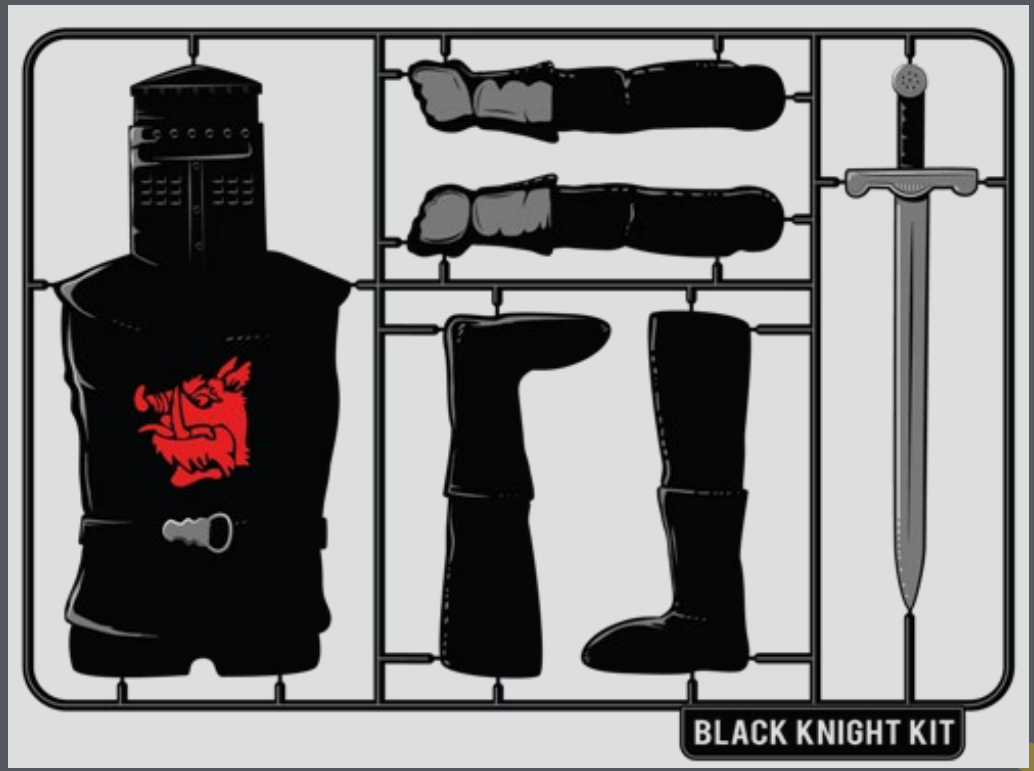
Questions to pass the “Bridge of Death” are getting harder:

- What tools are you going to install?
- What are your Cyber Security policies?
- What are you going to do in order to continuously evolve everything according to your business’ evolution while following every single trend, new regulation, intelligence information and attack pattern, making sure you enable the business to grow rather than providing obstacles to your everyday operations?

Tailored Security Controls & Measures

Your Black Knight is the ultimate defense plan.

- His policy is “None shall pass”.
- Has multiple “measures”.
- If one is disarmed, he will still defend with the rest.



Value the Gatekeeper

Will keep threats outside of the castle's walls.

- They may be "plain soldiers".
- They won't trust outsiders.
- They will literally do anything to keep intruders out.

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Solutions & Tools to consider

- Loosen password policy, instead use MFA, or go password-less!
- Use an Isolated Browser, or managed browsers.
- Provide a business-use password manager.
- Integrate Single-Sign-On (SSO) on every app.
- Adopt a complete IAM & PAM program.

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Take-aways

- Invest on measures that will help to build your own Camelot and secure your Holy Grail.
- Think of your users and identities like assets of your business.
- Don’t ask humans to act like robots.
- Expect humans to make mistakes, that’s how we got up to this point in history!
- Cyber Security can be aligned with anything.
  (It got aligned with a Monti Python movie!)

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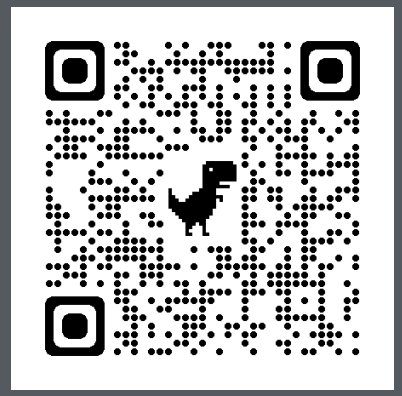
" I ought to have thought of the people who had no armour ."

- King Arthur in T. H. White's "The Once and Future King"

Monti Python and the Holy Grail reels ↓



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