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DYSFUNCTIONS OF CYBERSECURITY

...OR, 'WHAT'S
WRONG WITH US?'

GoTHAM SHARMA



WHOAMI

- Former CISO @ Exeltek
- Previous: JPMC, BoA
- Editor of the cyber-satire publication:
BruteFarceAttack
- Recruiter, Journalist, Engineer
- Executive Director @ **AccessCyber**

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So, WHAT Do You Do?

CYBERSECURITY? CYBER SECURITY?
INFORMATION SECURITY? INFOSEC?
INFOSEC? IT SECURITY? COMPUTER
SECURITY? DIGITAL SECURITY?



cybersecurity saɪ.bə.sɪ'kjʊə.rə.ti /

noun

THE ART AND SCIENCE OF USING TECHNICAL
JARGON TO STRIKE FEAR INTO THE HEARTS OF THE
LESS TECHNICALLY INCLINED

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SPEAKING OF WORDS

"WE'D LOVE TO SET UP SOME TIME TO DEMO OUR STATE OF THE ART, MILITARY GRADE ENCRYPTED, ZERO TRUST, CLOUD BASED, AI-ENABLED, SINGLE PANE OF GLASS BLOCKCHAIN SOLUTION BECAUSE YOU KNOW, PEOPLE ARE TOTALLY THE WEAKEST LINK, AMTRIGHT?"

SCHEDULE DEMO



LAWMAKERS VS INFOSEC

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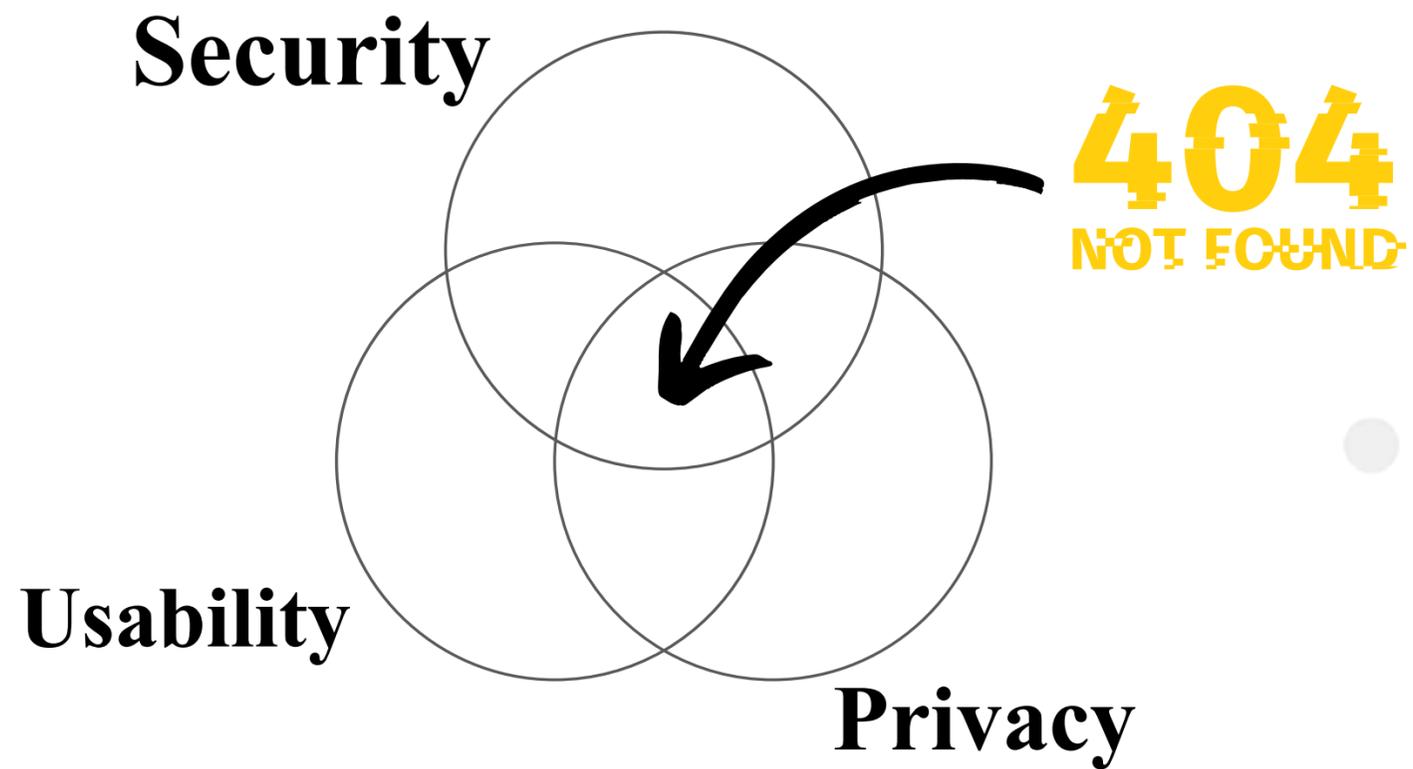


CIA VS FUD: A TALE OF TWO TRIADS

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USABILITY, SECURITY, PRIVACY: PICK TWO



HIGHLY SO-PHISTICATED ADVERSARY

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THE WEAPONIZATION OF TOOLS... WOOHOOO!

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VENDOR SPAM: FOR
EVERY SOLUTION, A
PROBLEM

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LEGAL MALWARE

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IT'S FINE: WE'RE
INSURED

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I'VE GOT AN EXCELLENT ENTRY-LEVEL OPPORTUNITY FOR YOU!

- PHD PREFERRED
- MUST HAVE OSCP/CISSP & ACTIVE SECURITY CLEARANCE
- 15 YEARS INTRUSION DETECTION + COMPLIANCE + PENTESTING (EACH)
- 10 YEARS OF PROGRAMMING EXPERIENCE
- COMPETITIVE SALARY: \$28-32K

APPLY HERE!



~~PERPETUAL
STALEMATE~~

INFINITE ADVERSARY
ADVANTAGE

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WHY DO WE MAKE THREAT ACTORS LOOK SO DAMN COOL?



Scattered Spider



Cozy Bear



Cosmic Wolf



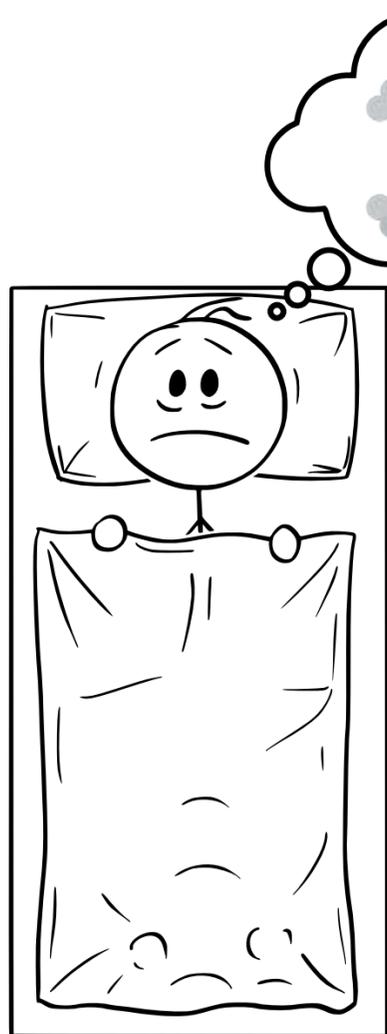
Labyrinth Chollima

IMAGE: CROWDSTRIKE

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RAMPIANT PARANOIA



We've done it! We checked all the boxes. We're secure. Right? Yes, we're secure, I think. Are we secure?... or have the threats evolved beyond our ability to detect them? Did you hear that? What was that? Never mind, just a false positive. Or was it a false *negative*?



...QUESTIONS?

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