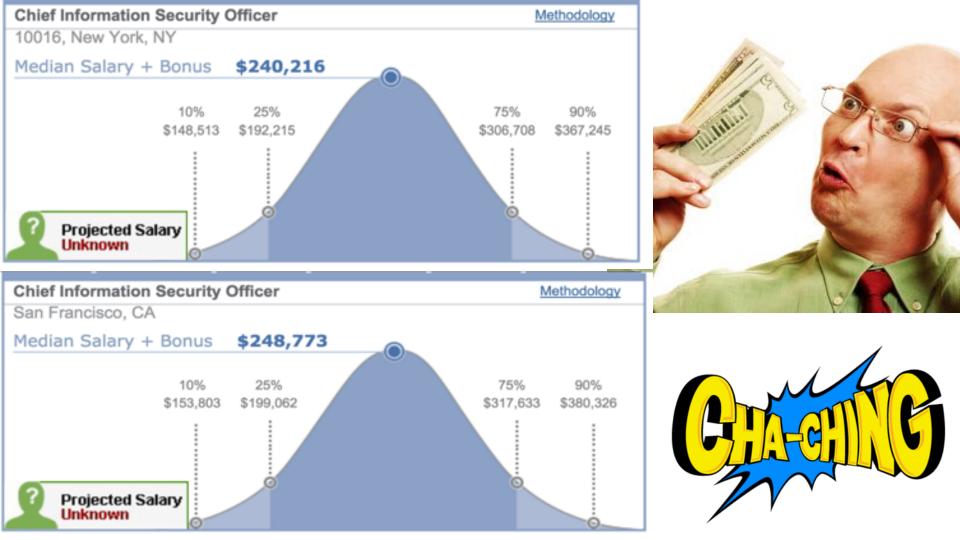


DIFFERENCES IN THE CYBER THREAT LANDSCAPE

YEAH BABY?







Russian Central Bank Admits \$6M SWIFT Attack

DDOS Attacks on Top Banks

NYT, WSJ, and Washington Post

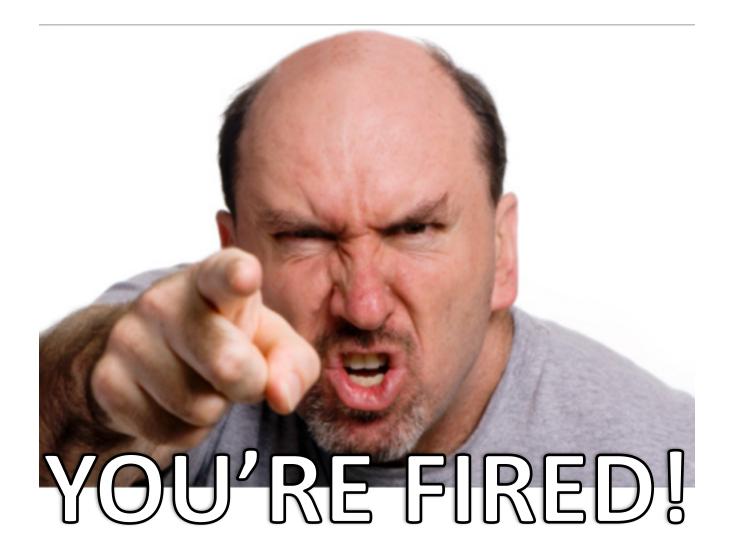
Claim to be Hacked

OPM Breach – Spies n Government Data

DNC hacked, posted on WikiLeaks

Criminal Ring Steals Millions of Identities

Equifax, Uber and Target all taken down by hackers





WE FEEL THE OFFICE SCAPEGOAT IS A KEY COMPONENT OF TEAM-BUILDING, AND YOU'RE A GREAT FIT FOR THE JOB.

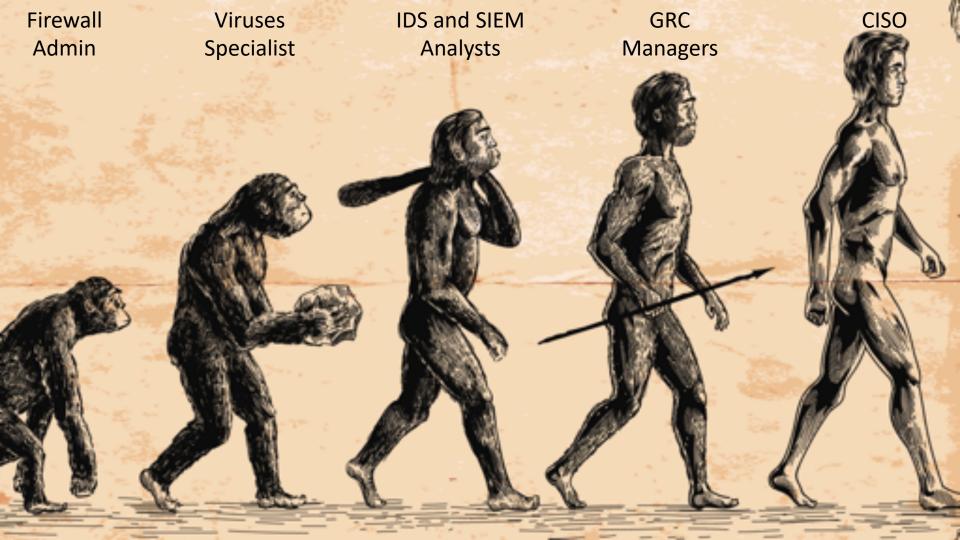
Today's Security Leader/ CISO



It sucks to be you....

A HISTORY OF SECURITY THAT LED US TO....

...COMPLIANCE????!









Boost your confidence and get a competitive edge to

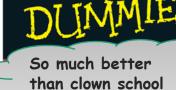


Space Rogue



Social Media Security Professional? Is that the cert I need to be a security expert on twitter? is.gd/chKy9j via @attritionorg





M. L. Srinivasan







CompTIA has reversed course—existing holders of an A+, Network+, or Security+



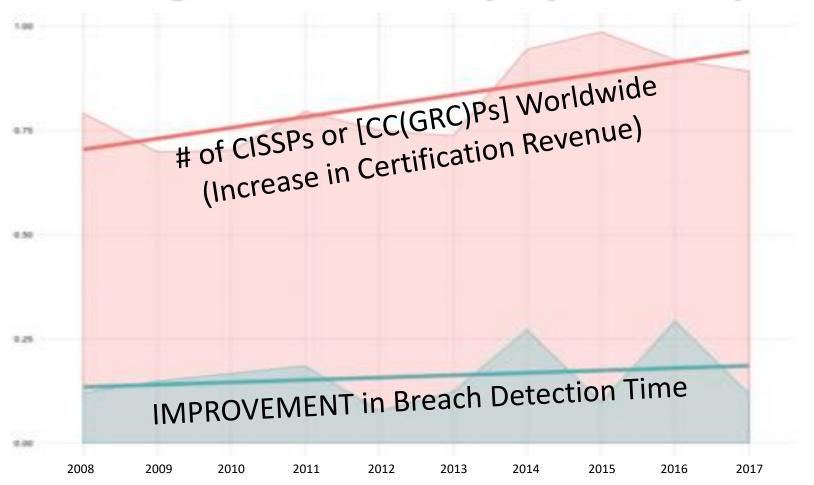








2018 Big U.S. Telecom Company Breach Report



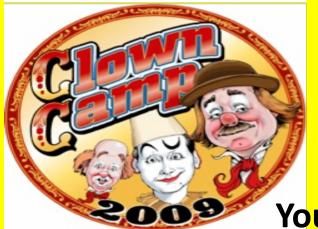








....is to SECURITY





....is to BEING FUNNY

You have a funny costume, but there's no guarantee anyone's going to LAUGH...

Указ Президента Российской Федерации от 05.12.2016 г. № 646





Risk = Threats x Assets x Vulnerabilities EMENT OF CYBER RISK

or CFOs

d this...



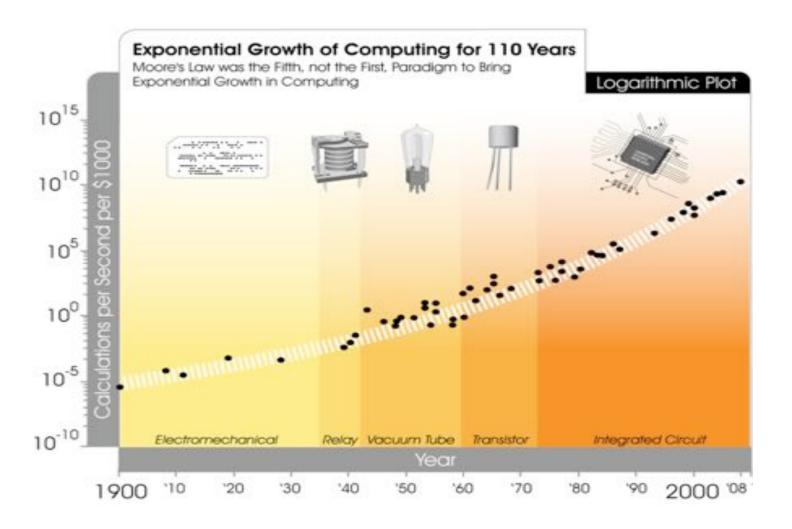
IGNORANCE

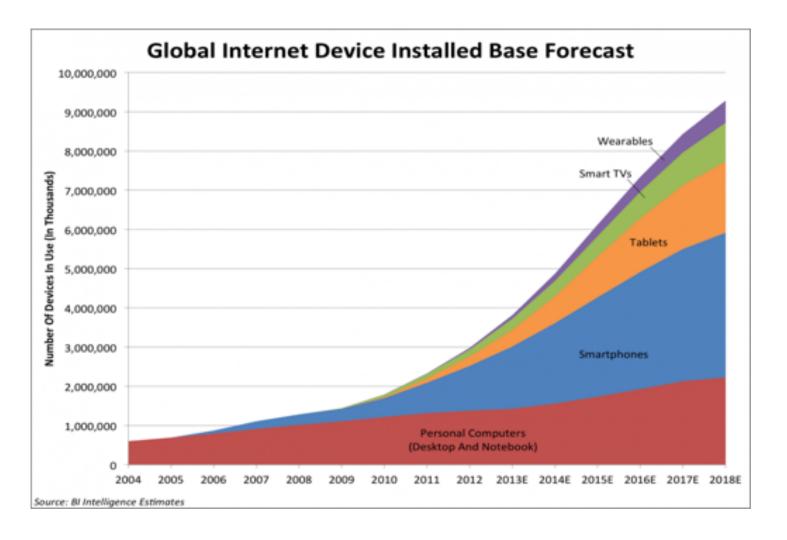
Sometimes it's best just not to know.



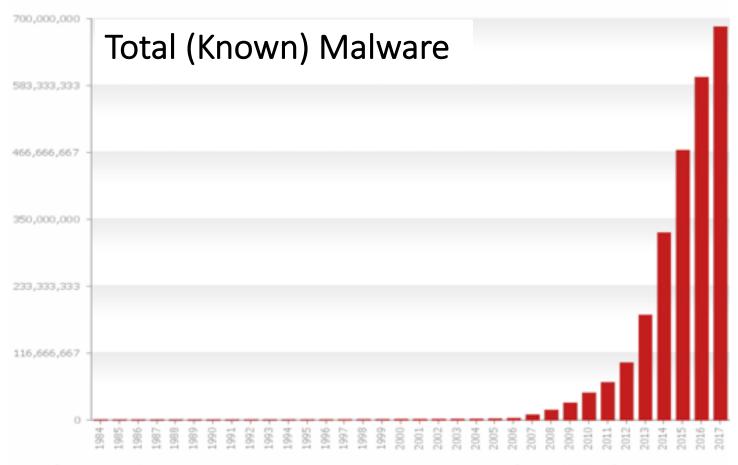
But What's REALLY Different?

Exponential Business Impact!





$$f(\omega) = \int_{\mathbb{R}^{2}} f(x)e^{-2v \cdot x \cdot \omega} dx \frac{dt}{d\omega} \qquad \int_{\mathbb{R}^{2}} \frac{\partial H}{\partial x} = \int_{\mathbb{R}^{2}} \frac{\partial F}{\partial x} + \int_{\mathbb{R}^{2}} \frac{\partial F$$



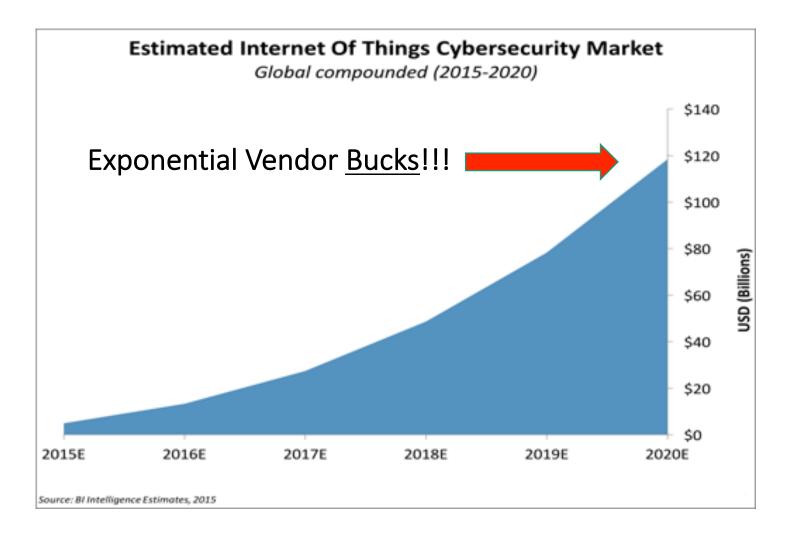
Total (Known) Android Malware

18,250,919

- Malware Applications Overall
- New Malware Applications

358,881 90,058

617,989





ISO Class 5 Cleanroom Facilities Exclusively Used

Credit: Wes Wineberg / DEFCON 23

Ukrainian blackout caused by hackers that attacked media company, researchers say

Power company suffered a major attack that led to blackouts across western Ukraine, after an attack on a Ukrainian media company



Smokestacks in Dniprodzershynsk, Ukraine. Photograph: John Mcconnico/AP

Four Cyber Attacks On UK Railways In A Year

A security experts says the hackers could create "real disaster related to train safety".



Physical Impacts as the Result of Cyber Efforts...

Massive flaw could give hackers full control of critical infrastructure

...Exponential Impacts

SEEING BEYOND VENDOR HYPE

a.k.a.: pwnd by sales & procurement people

FEAR

UNCERTAINTY

DOUBT











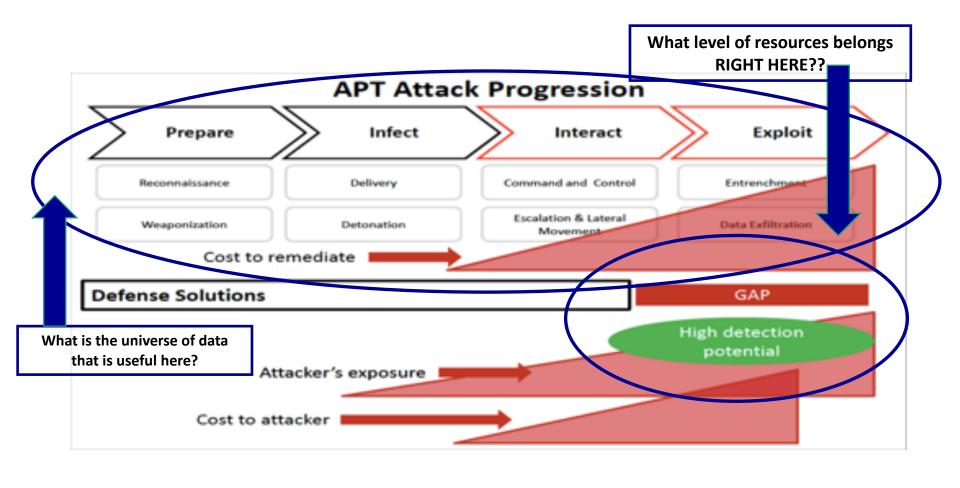


f









Artificial Intelligence DRIVEN Security

Key <u>Constraints</u> of AI Historically in Cyber Security:

- Costs of Storage
- Limits of Computing Power
- No HUMANS to Figure Out the Use Cases / Code

Opportunities for Growth in Al:

- Costs of Storage Are Exponentially Decreasing (Collect)
- Computing Power is Exponentially Increasing (Analyze)
- Extensive interest in China and the US



One Page 2018 Report to Global CISOs from the CEO Committee Studying Corporate Security Team Metrics Relative to Data Breach Prevention

THREAT INTELLIGENCE

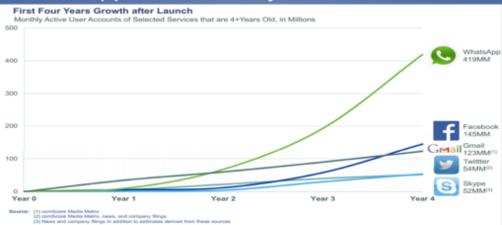
Don't Leave Home Without It



Good Intelligence is Good if You Can Get It!

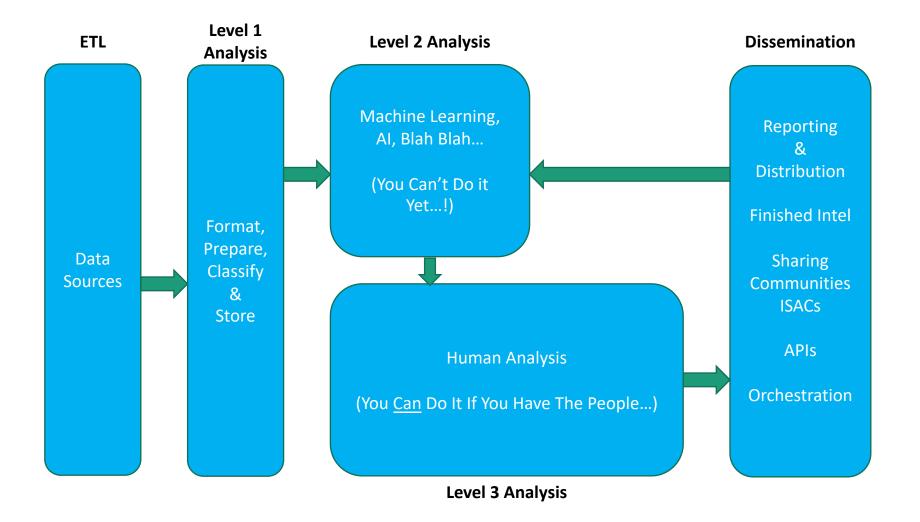


WhatsApp Extraordinary Growth in Users









FROM HACKER TO CISO

How to Speak the Language of Business...

Securing Solaris, Mac OS X, Linux & FreeBSD

Practical Unix & Internet Security





O REILLY

Simson Garfinkel, Gene Spafford & Alan Schwartz

THE RESERVE OF THE PERSON NAMED IN COLUMN 1 The Control of the last



Evolution of the CISO to the CIRO

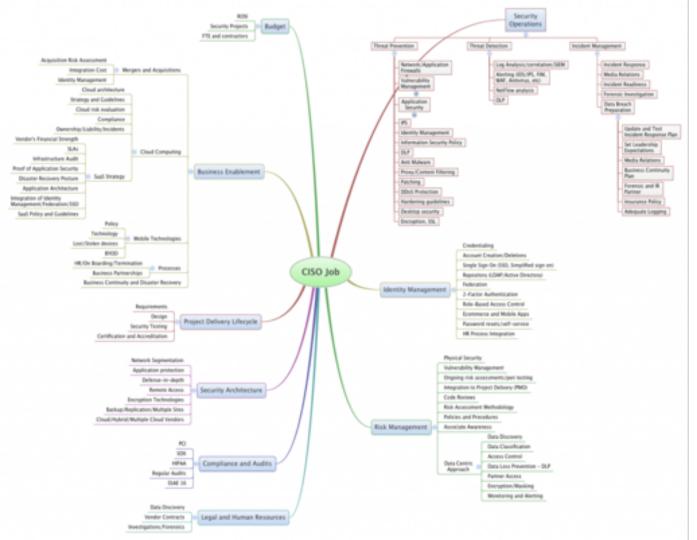


Secure the internal organization

Manage the risk of third parties

Manage regulatory risks

Communicate current status and risks to board







Too frequently, infosec professionals speak in terms of threats or vulnerabilities or technology. They need to learn to speak in terms that business leaders understand, and the one thing they understand is risk.

The Secret Language of Business

How to Read Anyone in 3 Seconds or Less

- Master Body Language
- Decipher Hidden Meanings
 - Influence Anyone!

KEVIN HOGAN







Windows has been detected and your computer has been shut down to prevent damage to your brain.

DRIVER_JIM_NOT_LESS_OR_EQUAL_WHATEVER_THAT_MAY_MEAN

If this is the first time you have seen this stop error screen, get used to it. You'll probably be seeing it quite a few times in the coming months. (especially Windows 9x users). If you think it'll help, you can try this:

Check to make sure the kettle is on. Tea or coffee should be served ASAP. If this is a new installation, ask your hardware or software manufacturer why they sold you the dodgy products, and if possible, get your money back.

If problems persist, take the cover off your computer and poke various boards with a sharp metal stick. Disable BIOS settings at random, and keep your fingers crossed. You may want to press f8 and enter Safe Mode, but there's no guarantee that'll work either. If all else fails, headbutt the monitor, and run around like a headless chicken.

Below is some unintelligible code, you can go to Microsoft.com and search for the strings but I doubt you'll find anything useful there.

Technical Information:

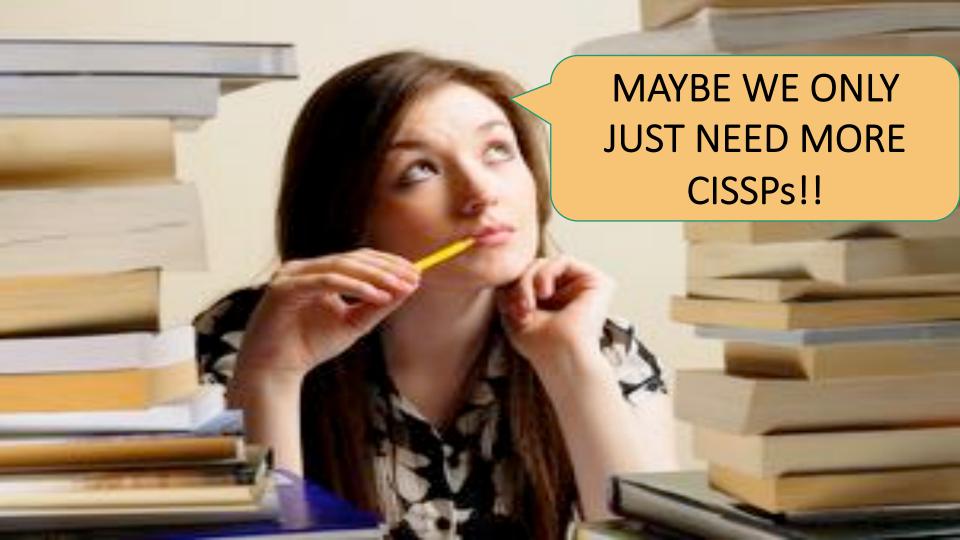
***STOP: 0x00000001 (0xFC10003F,0x00000002, 0x00000001, 0xf870f80a)

**** PatMgr.sys - Address F870F90A base at F870F000, DateStamp 387DC5A7

HAVE A NICE DAY: FOXHOUND, NEMESIS:

THE FUTURE!!

AI, Blockchain, Hacks, Flying Cars, & More Certs!!!
Well...Yes, Yes, Yes, Yes, and No.



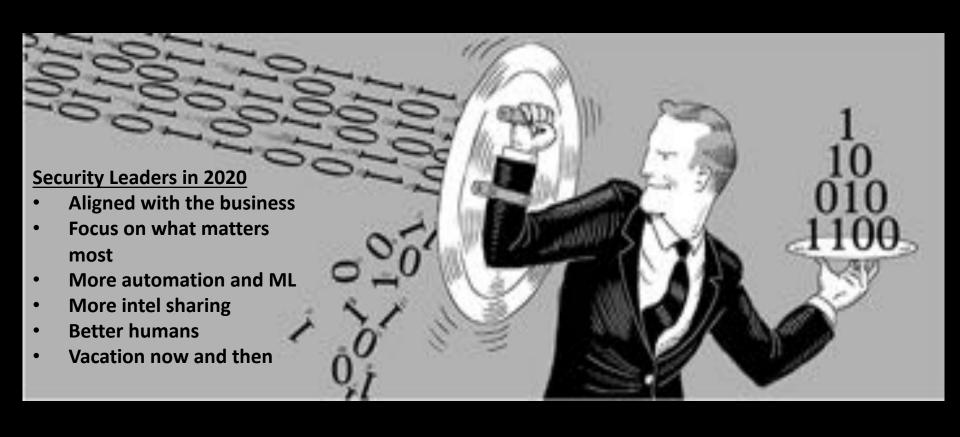
CISSP Test Question 700! True or False: Risk = Threats x Assets northberabilities

Risk =

 Prioritized, <u>Assets</u> You Really Need to, and Can Protect

· Situational Awareness of Your Real Attack Surface (Vulns)

 Mapping the Capabilities of the Adversaries (Threats) that Want Those Assets



Thanks!

@eddieschwartz www.linkedin.com/in/eddieschwartz/