

Managing Cyber Risk in 2022

...and 2021

...and 2020

...and 2016

...and 2012

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*slide curmudgeon

2012?

Freshness and Relevant Correlated

- Threats
- Mitigations

Freshness and Relevance... Less Correlated

- Fundamentals

Fundamentals

- Don't be an easy target
- Perfect is good's worst enemy
- Start picking low-hanging fruit

What's Low Hanging Fruit?

How to prioritize risk management strategies

$$\frac{Ap \times As}{Mc}$$

Too Academic

What's the most common low-hanging fruit in 2022?

- Education
- MFA
- Secret Management
- Encryption
- Disaster Recovery
- Insurance

Education: Not Just Mundane Talks

Attack Prevalence
All Attack Classes

What

Attack Severity
High

How

Mitigation Cost
Low*

MFA: Less Painful Every Day

Attack Prevalence
Most Attack Classes

Attack Severity
High

Mitigation Cost
Low

What

How

Secret Management: P@\$\$w0rd11!

Attack Prevalence
High

Attack Severity
High

Mitigation Cost
Low

What

How

Encryption: On Purpose

Attack Prevalence
Medium

Attack Severity
High

Mitigation Cost
Low

What

How

Disaster Recovery: Plan... and Test

Attack Prevalence
Low

What

Attack Severity
High

How

Mitigation Cost
Low

Insurance: No Quips, it's Insurance

Attack Prevalence
Low

Attack Severity
High

Mitigation Cost
Varies, but...

What

How

Stepladder Fruit

Now What?

- WiFi / Hotspots
- IoT Segmentation
- Vendor Evaluation
- Creative Pen-testing
- Data Locality

Thank You!

Questions

Experiences

Airing of Grievances

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*still a slide curmudgeon