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A FEW THINGS FIRST

This presentation is for information only. Evaluate risks before acting based on ideas from this presentation.

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CISM, SECURITY+ TANDEM GRC CONTENT MANAGER





- The Problem with Ransomware
- Managing the Risk of Ransomware
- Communicating about Ransomware
- Questions & Answers



The Problem with Ransomware

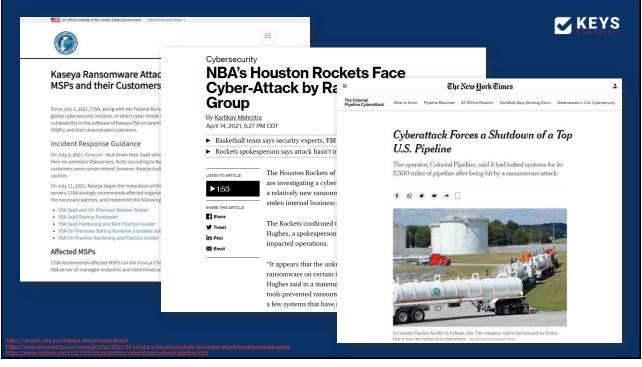
(IT'S A BIT OF A PROBLEM)

Ransomware Definition

CYBERSECURITY & INFRASTRUCTURE SECURITY AGENCY (CISA)

"Ransomware is an ever-evolving form of <u>malware</u> designed to <u>encrypt files</u> on a device, rendering any files and the systems that rely on them unusable. Malicious actors then <u>demand ransom</u> in exchange for decryption. Ransomware actors often target and threaten to sell or leak exfiltrated data or authentication information if the ransom is not paid."



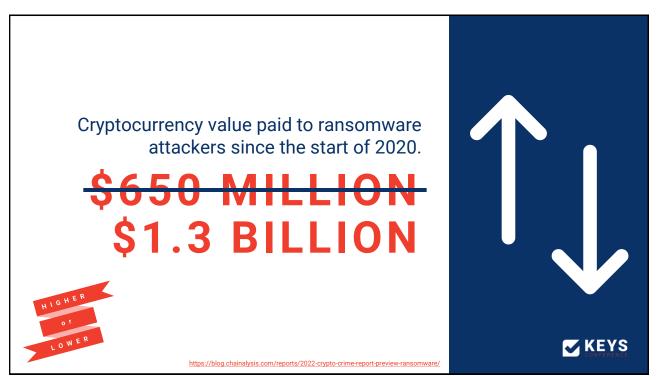


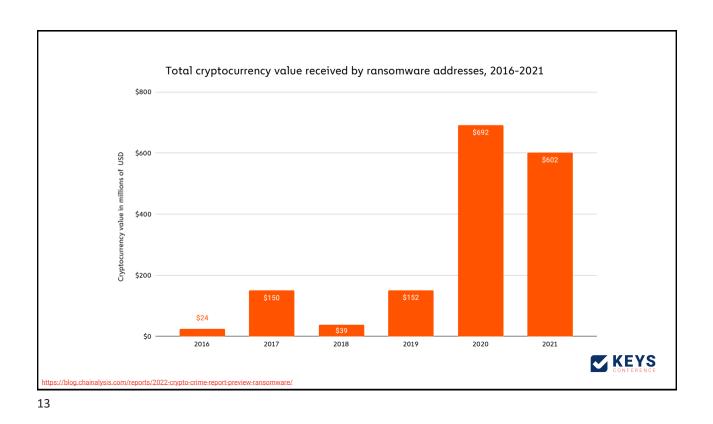


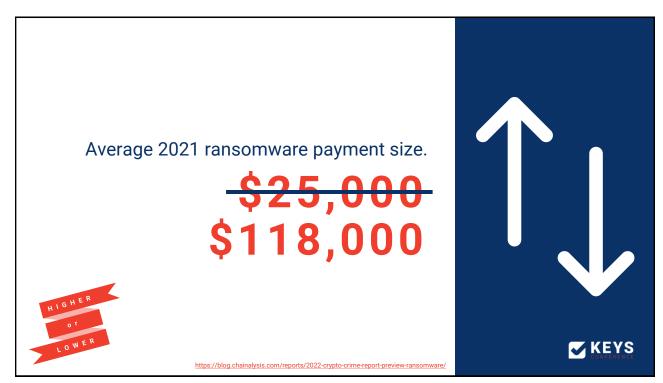


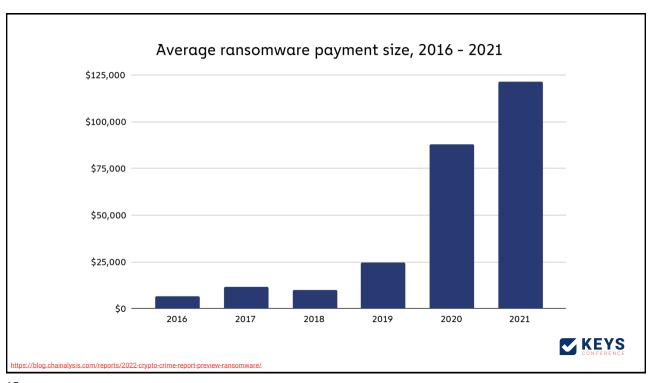


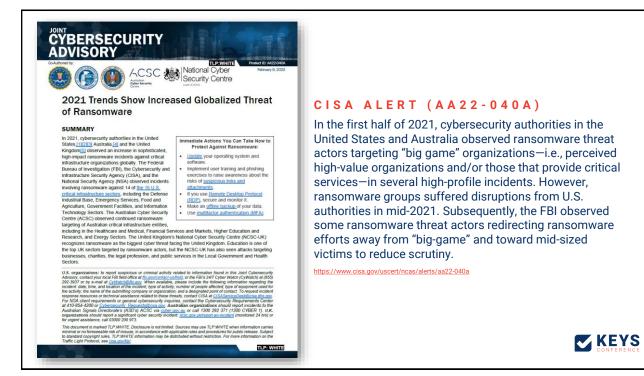












THE TAKEAWAY

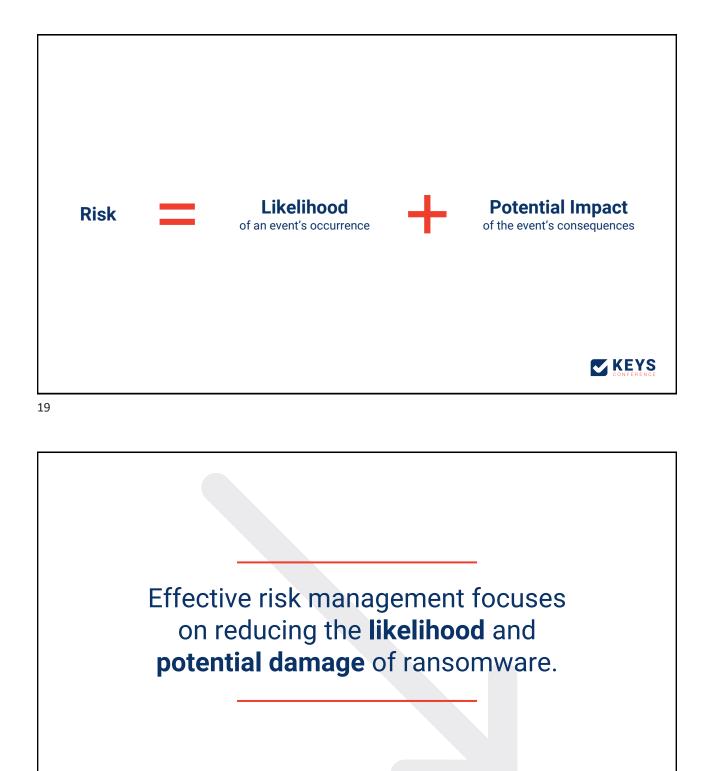
The problem with ransomware is three-fold:

- 1. Ransomware is one of few threats which can compromise the confidentiality, integrity, and availability of your systems and data *simultaneously*.
- 2. Ransomware is expensive (and at times impossible) to fully remediate.
- **3.** Ransomware actors are shifting their focus towards organizations, like yours.

KEYS

Managing the Risk of Ransomware

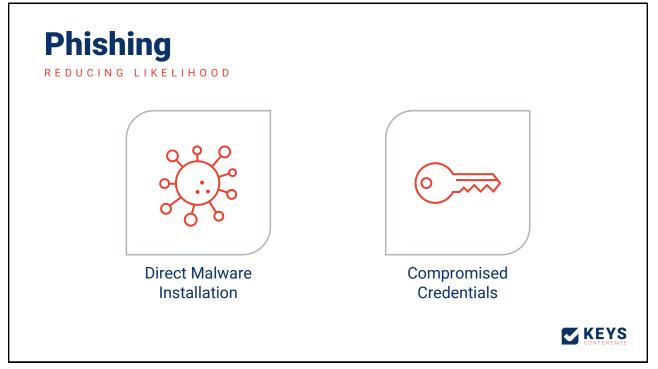
WHAT ARE YOU GOING TO DO ABOUT IT?

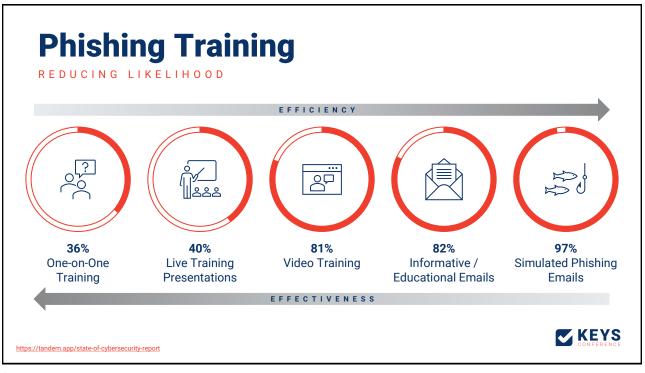
















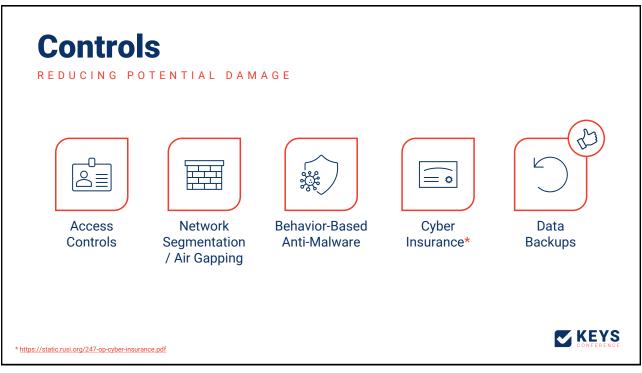


THE TAKEAWAY

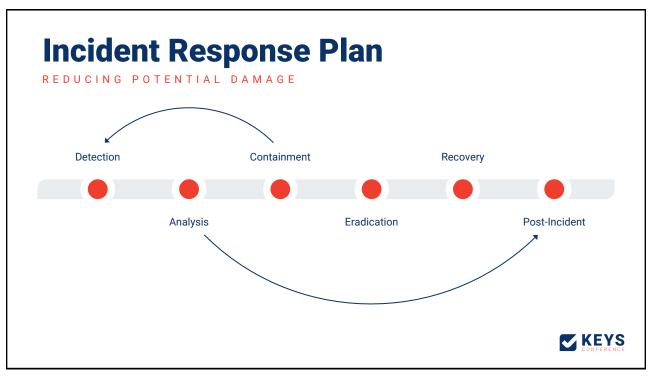
As ISOs, the best protection we have against ransomware attacks starts with the basics.

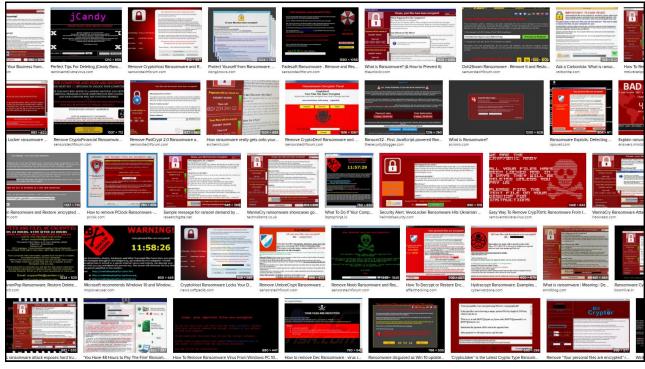
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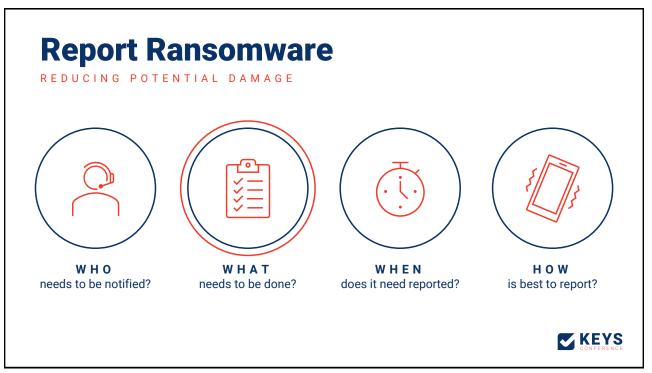
Reducing Potential Damage



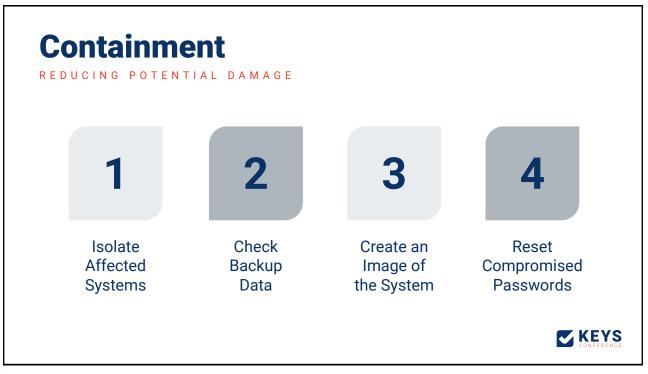








Analysis Reducing potential damage	1	System Logs
Access Events	2	
	3	RDP Network Connections
Encrypted Data	4	
	5	Decryption Key
		KEYS Conference







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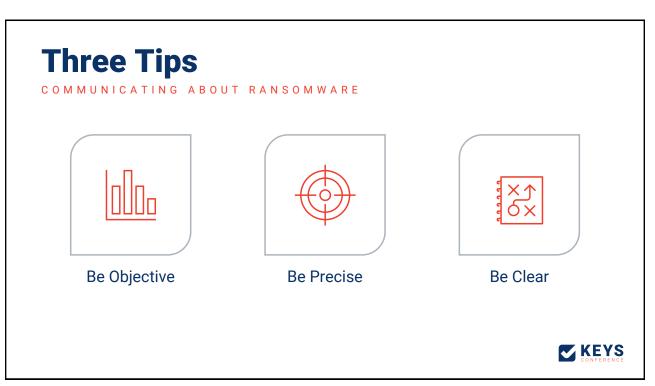


WITH SENIOR MANAGEMENT

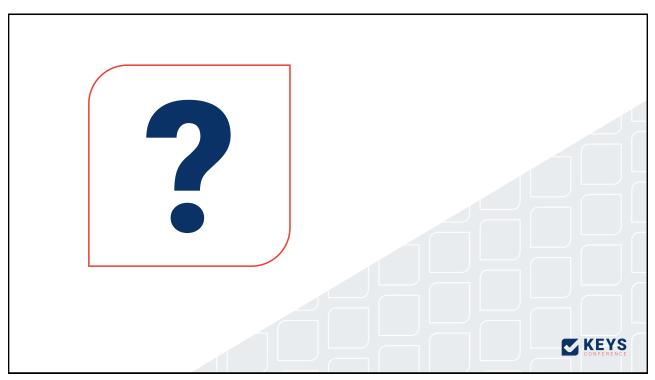
THE TAKEAWAY

Ransomware resources are difficult to justify because the business value occurs when ransomware doesn't.











DON'T FORGET!

Fill out the survey to get your sticker!





TANDEM

So You're an Admin...

Cory Faust, Tandem

RISK & COMPLIANCE

CoNetrix Technology Engineers: A Panel Discussion

Rob Garrison, Brad Copeland, & Mike Richline, CoNetrix Technology

CYBERSECURITY

Better Your Communication Between Technical & Non-Technical People

Brad Landis & Brian Whipple, Tandem

