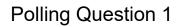
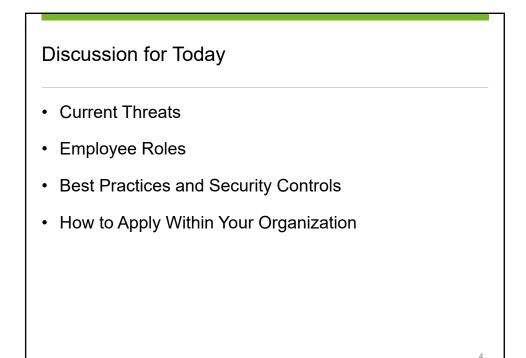


The content of this presentation, whether communicated in writing or verbally by partners, employees, or representatives of Capin Crouse LLP, is provided solely for educational purposes. This presentation is not intended to provide legal, accounting, investment, or fiduciary advice. Please contact your attorney, accountant, or other professional advisor to discuss the application of this material to your particular facts and circumstances.

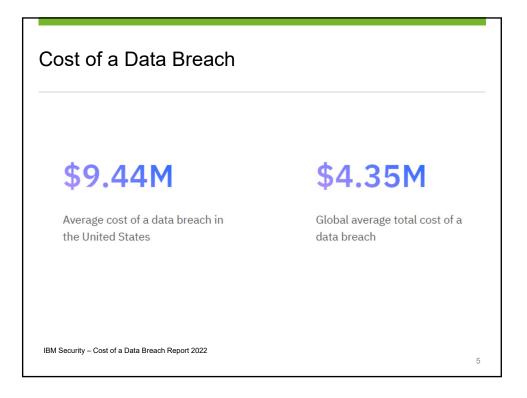


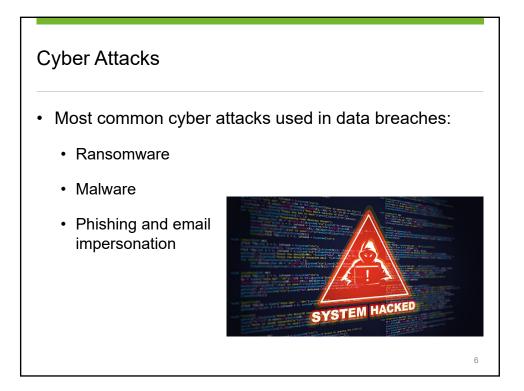
Do you want CPE credit?

- Yes
- No

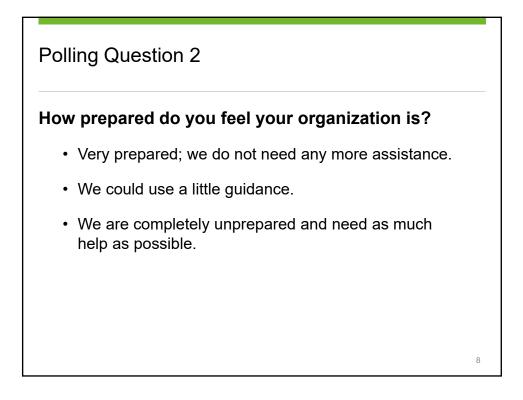


3

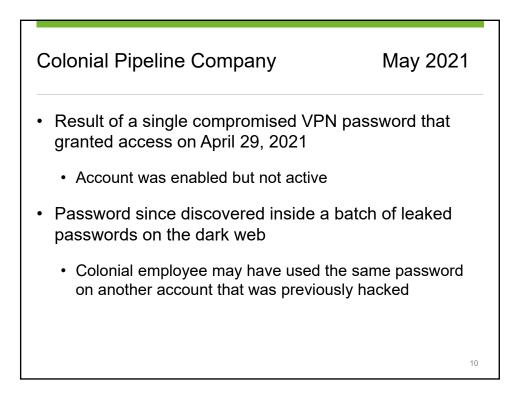




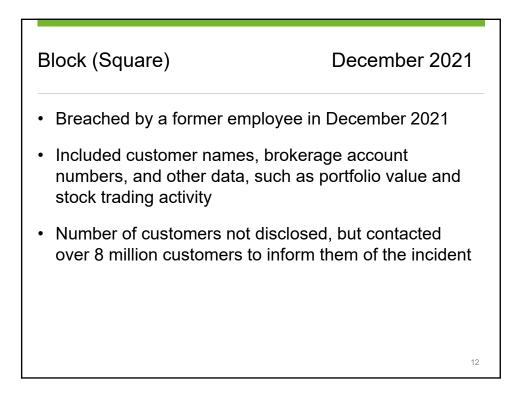






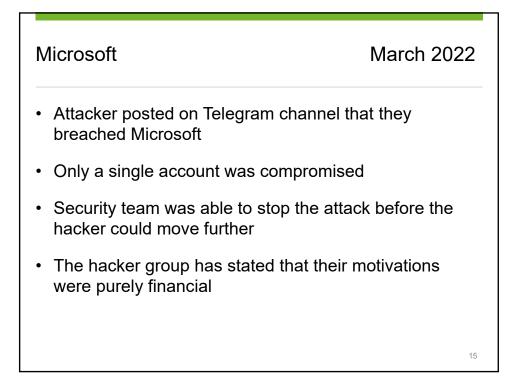


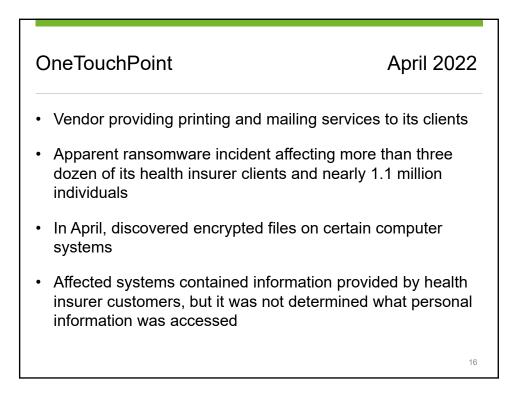


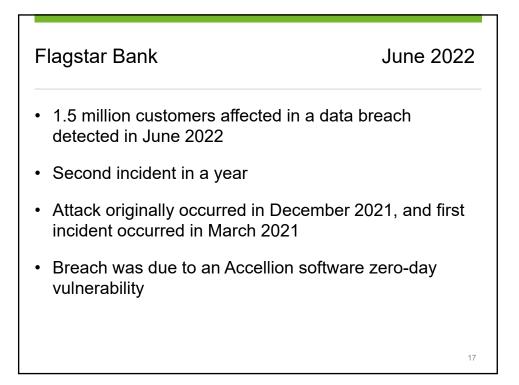


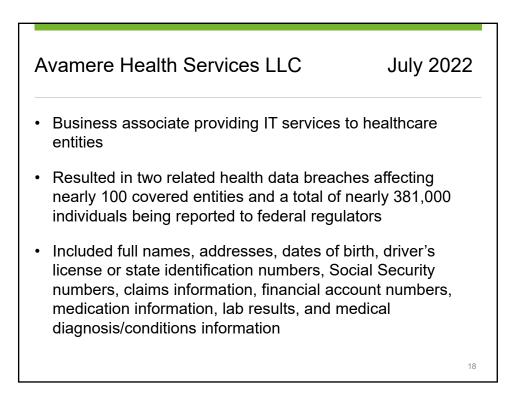


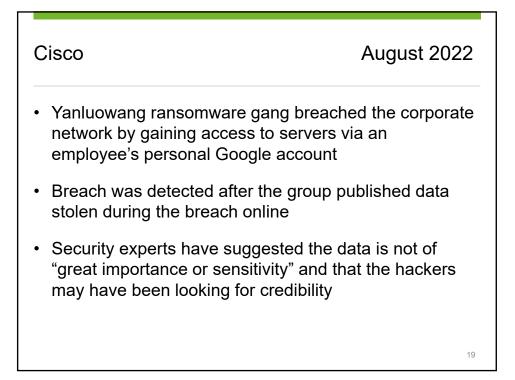
Okta	March 2022
 Attacker posted on Telegram channel that breached Okta 	at they
Approximately 2.5% of customers have b	been exposed
 Breached through Okta's third-party cust provider 	omer support
 Attacker criticized Okta's security practic Telegram post 	es in their
	14

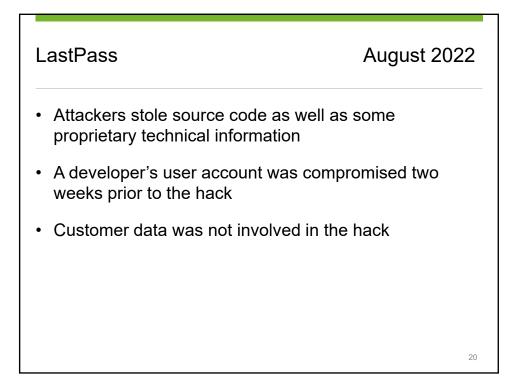


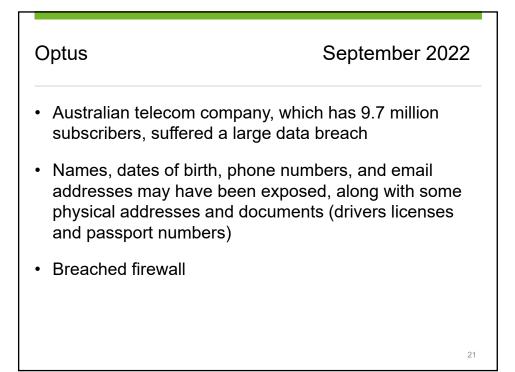




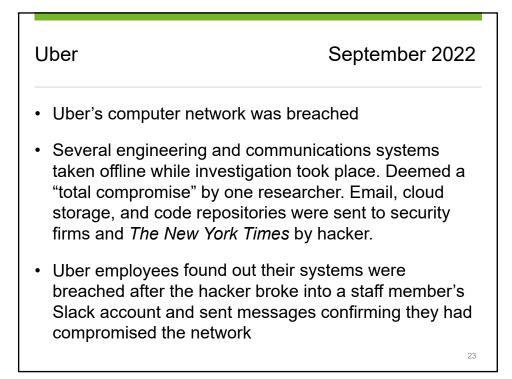


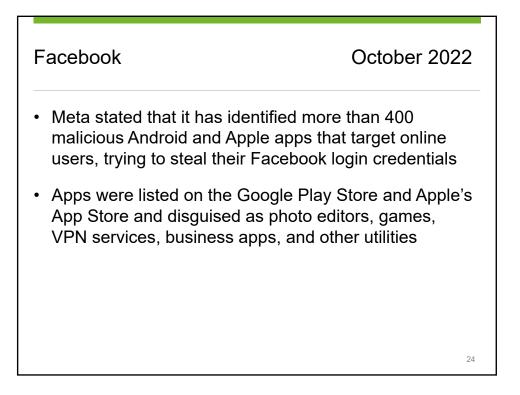






Revolut	September 2022
 Financial services organization 	on
 An unauthorized third party a information pertaining to tens clients 	•
 50,150 customers reportedly Protection Inspectorate in Lith addresses, full names, posta numbers, limited payment ca were likely exposed. 	huania stated email I addresses, phone
	22

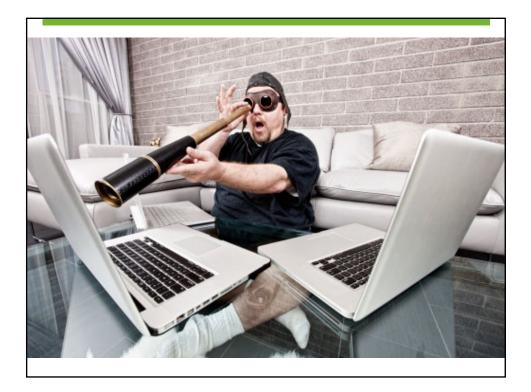




Polling Question 3

Has your organization experienced any major vulnerabilities within your environment?

- Yes
- No
- Unknown



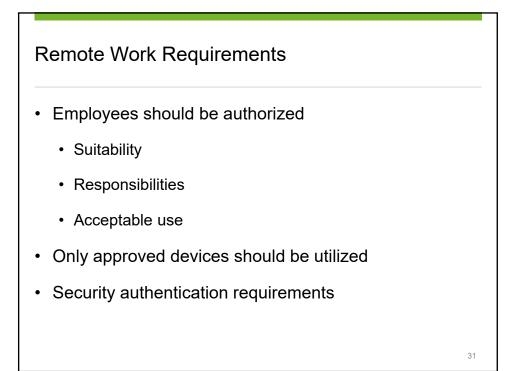
25

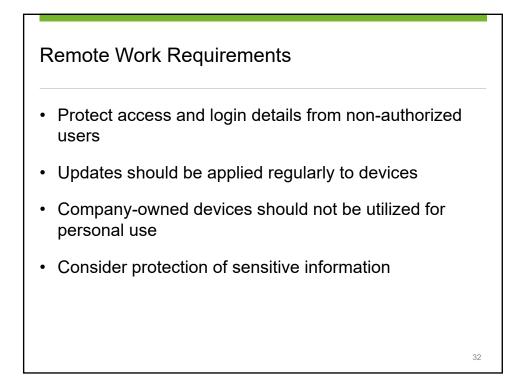


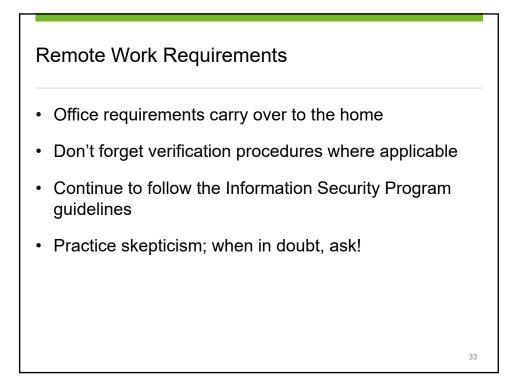










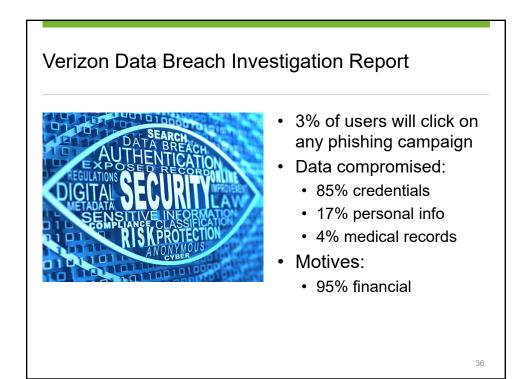




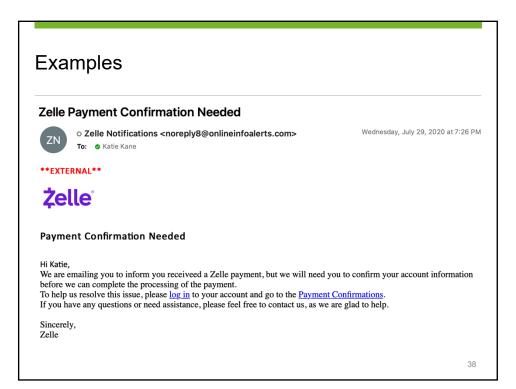
Phishing Objectives

- Install malware
- Steal credentials
- Obtain information
- Perform a task

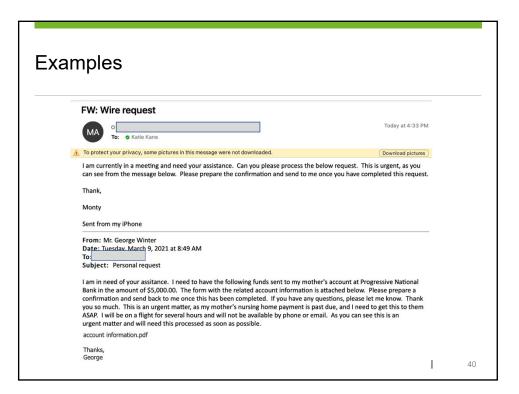


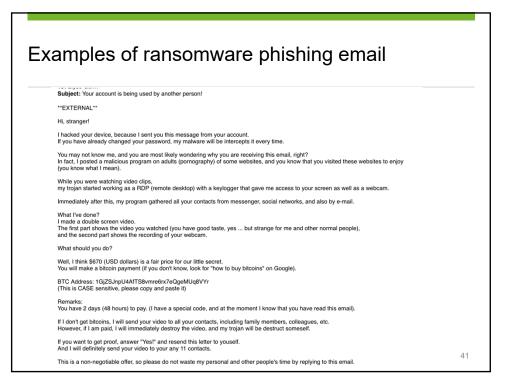


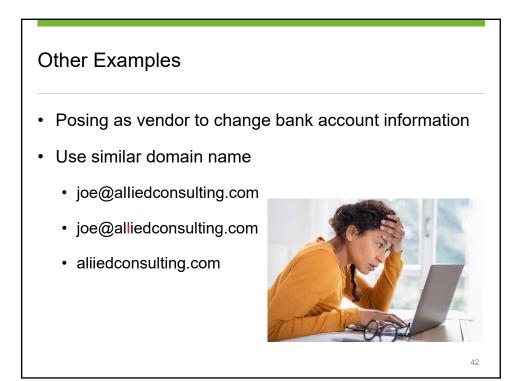
Examples	
Tue 12/18/2018 6:11 AM 5	
EXTERNAL	
Morning	
I would like to update my direct deposit details as i have just switched banks, would the change be effective for the next pay date?	
Thanks	
	37

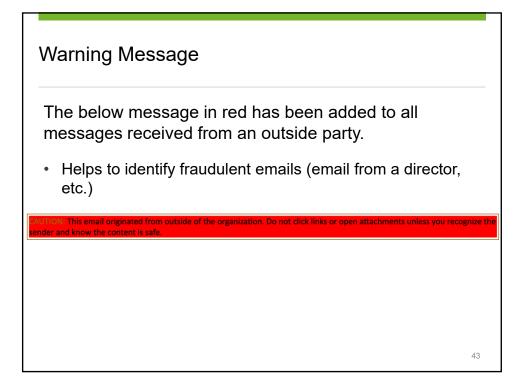


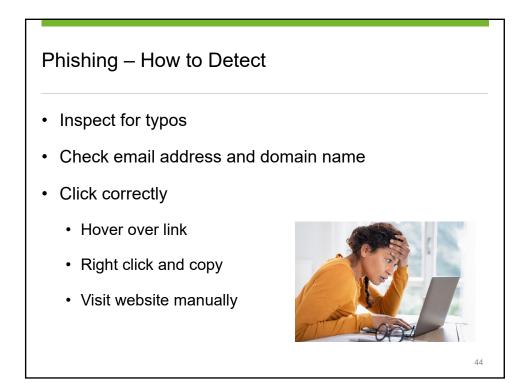
Examples		
•		
Not Secure phishing.trainaadvisory.com/as098293009s8fda9	802f90q3f098qf0f32Reset029835Password/PasswordReset.php?URL=Lindsey@trainacpa.com	
	0 🗠 🕸 <mark></mark> 🎯 🕞 🕨	
	Reset your password	
	Current Password	
	Current Password	
	New Password	
	Confirm Password (9)	
	Cancel Next	
	Terms of Use Privacy & Cookies Sign in Microsoft	
		39







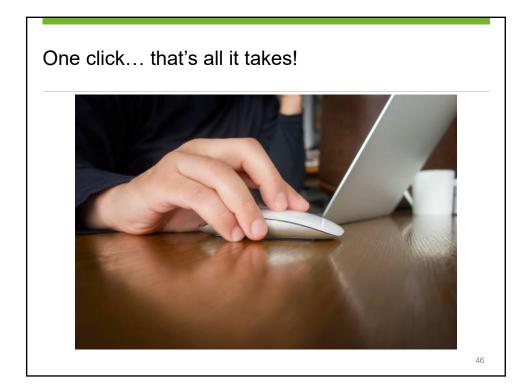






- It doesn't feel right
- Tone is off
- Urgent/threatening
- Unfamiliar or unexpected





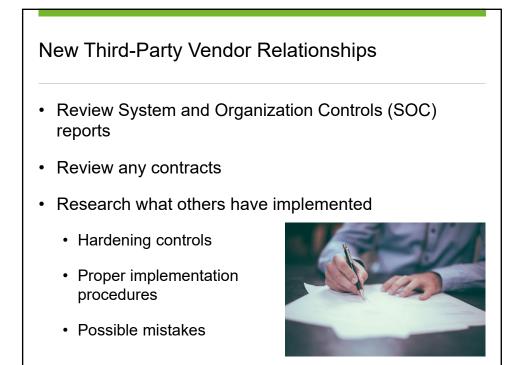


<section-header> Security Concerns Third-party vendors New relationships Existing vendors Organization responsibilities End-user assistance

New Third-Party Vendor Relationships

- General inquiry
- Workforce
- Information security
 - Cloud storage
- Policy documentation





Existing Vendor Relationships

- Periodic oversight procedures
 - Review of audit reports
 - Backup or disaster recovery testing
 - · Financial condition
 - Existing contracts
 - Vendor oversight

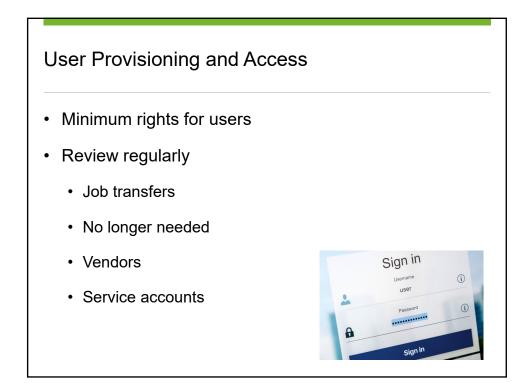


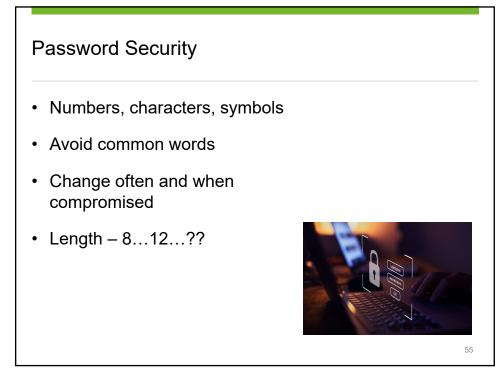
Organizational Responsibilities

- Ongoing monitoring of critical vendor services
 - Patch management reporting
 - Malware management reporting
 - Backup process





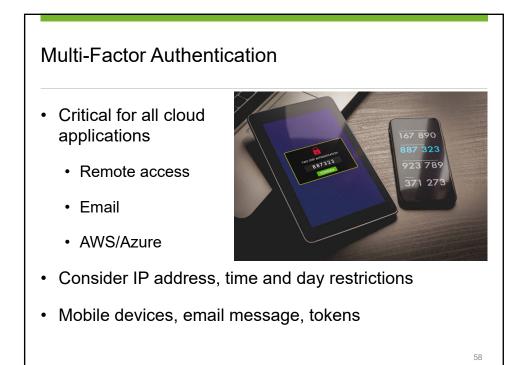




TIME IT TAKES A HACKER TO BRUTE
FORCE YOUR PASSWORD IN 2022

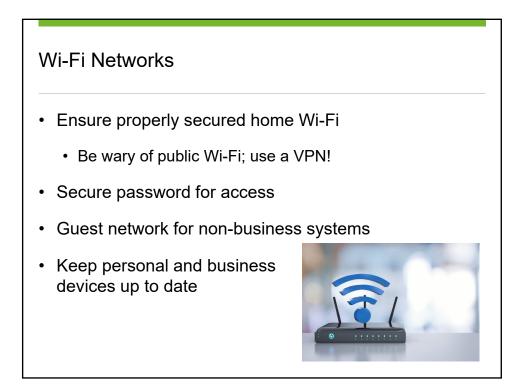
Number of Characters	Numbers Only	Lowercase Letters	Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
	Instantly	Instantly	Instantly	Instantly	Instantly
7	Instantly	Instantly	2 secs	7 secs	31 secs
8	Instantly	Instantly	2 mins	7 mins	39 mins
9	Instantly	10 secs	1 hour	7 hours	2 days
10	Instantly	4 mins	3 days	3 weeks	5 months
11	Instantly	2 hours	5 months	3 years	34 years
12	2 secs	2 days	24 years	200 years	3k years
13	19 secs	2 months	1k years	12k years	202k years
14	3 mins	4 years	64k years	750k years	16m years
15	32 mins	100 years	3m years	46m years	1bn years
16	5 hours	3k years	173m years	3bn years	92bn years
17	2 days	69k years	9bn years	179bn years	7tn years
18	3 weeks	2m years	467bn years	11tn years	438tn years



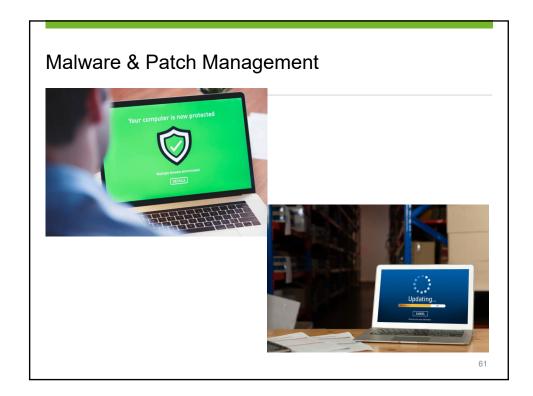


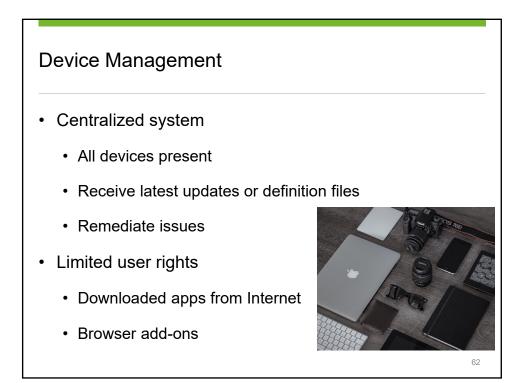
Email

- · Easily spoofed or hacked
- Not all services are encrypted
- Confidential email MUST be secured
 - · Sending and receiving
- · Limit or restrict web mail
- Implement response procedures to constituent requests via email



59





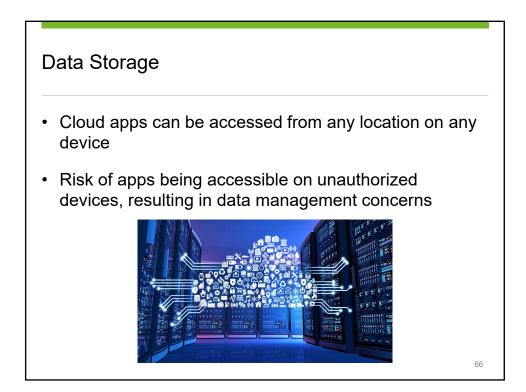
Web Surfing

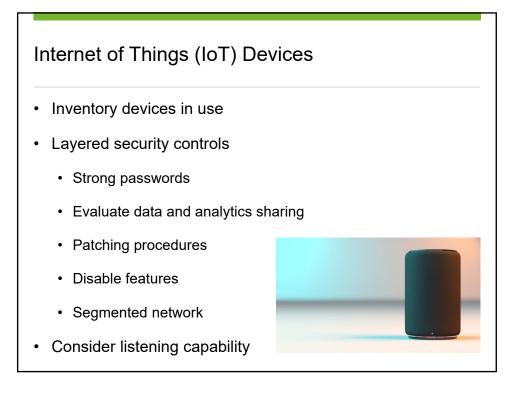
- Avoid questionable websites
- · Be cautious when downloading
- Use updated browsers
- Inspect URLs
- Be wary of malvertising
- Don't save credentials in browser



Social Networking Impersonation Phishing and vishing Identity theft Pretexting Security questions and answers Data not always private





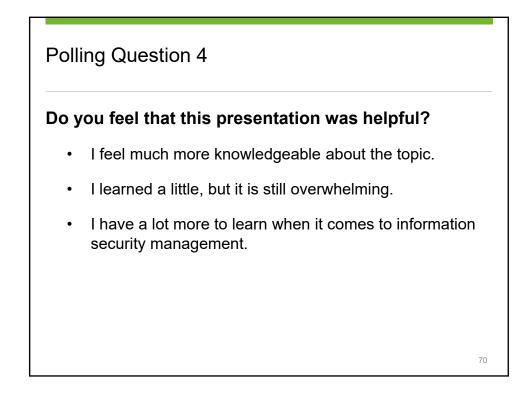






- Apps or devices that are utilized without IT knowledge
 - · Personal or mobile devices
- Rogue cloud services
 - Personal email, document scanning, cloud storage
- · Appropriate authorization procedures





Key Takeaways

• New threats happening every day — no one is immune!

71

- Loss of reputation can be significant
- Manage vendor relationships appropriately
- Maintain adequate security controls
 - Provide necessary tools for users
 - Doesn't have to be expensive!
 - · Train to build culture of awareness

<section-header><section-header><section-header><image><image><image><image><page-footer>

