KMK Law



The Hacker vs. Your Organization with Attorneys on Speed Dial: The Legal and Practical Impact

Northern Kentucky University Cybersecurity Workshop Series 10.23.2020









Joseph M. Callow Jr. Litigation Partner KMK Law

T: 513.579.6419 E: jcallow@kmklaw.com

www.kmklaw.com



Stephanie M. Scott Litigation Associate KMK Law

T: 513.579.6582 E: sscott@kmklaw.com

www.kmklaw.com



Will Tipton Information Security Engineer Ascend Technologies

T: 312.386.6100 E: info@teamascend.com

www.teamascend.com

Meet the Speakers TECHNOLOGIES



The Hacker vs. Your Organization with Attorneys on Speed Dial

• 2020 Trends

Anatomy of a Hack

• Attorneys on speed dial - 39 Things Keeping us up at Night











- 2020 Verizon Data Breach Report, https://enterprise.verizon.com/resources/reports/2020-data-breachinvestigations-report.pdf (2020).
 - 45% of breaches involved hacking; 22% were errors.
 - 70% of breaches perpetrated by external actors; 30% involved internal actors.
 - 86% of breaches were financially motivated.
 - Top malware variety password dumper (ransomware 3d).
 - Top malware vector email link.
 - Top data variety compromised credentials.
 - New regional analysis.

verizon



- Five Cybersecurity Trends from 2020 And What The Future Holds, https://www.securitymagazine.com/articles/93377-five-cybersecuritytrends-from-2020-and-what-the-future-holds (Sept. 17, 2020).
 - Records exposed in all breaches increased by 284%.
 - Average cost of the breach for public firms was \$116 million.
 - Trends:
 - Cybercrime is paying off.
 - Cyber threat intelligence is critical.
 - Cloud makes life easier.
 - You have to be agile to survive.
 - You need people.



- Top 14 Trends in Cyber Security for 2020, https://www.techfunnel.com/information-technology/cyber-securitytrentds/ (July 7, 2020)
 - GDPR Spread around the World
 - Data Breach and Phishing
 - Cybersecurity skills gap
 - Get Out of My Cloud: Cloud Security Issues
 - Automation and Integration
 - Mobile Devices as a Major Security Risk
 - State-Backed Cyber Attacks
 - IoT Devices Bring Even More Risks
 - The role of AI and ML
 - Transport Infrastructure
 - 5G
 - Malicious Software Bypassing Sandboxes
 - Cyber Insurance



- *Must Know Phishing Statistics: Updated 2020, https://www.tessian.com/blog/phishing-statistics-2020/* (Aug. 25, 2020).
 - 88% of organizations around the world experienced a spearphishing attempt in 2019; 86% experienced business email compromise attempts.
 - 96% of phishing attacks arrive by email.
 - Top 5 subject line for BEC attacks: Urgent, Request, Important, Payment, and Attention.
 - Top 5 Types of data compromised: (1) credentials; (2) personal data;
 (3) internal data; (4) medical; and (5) bank.



- *Must Know Phishing Statistics: Updated 2020, https://www.tessian.com/blog/phishing-statistics-2020/* (Aug. 25, 2020).
 - The most impersonated brands: Apple, Netflix, Yahoo, WhatsApp, PayPal, Chase, Facebook, Microsoft, eBay, and Amazon.
 - By the end of Q2, Zoom went from out of the Top 10 to the most impersonated brand in email attacks.
 - Attacks on finance employees have increased 87% while attacks on the C-Suite have decreased 37%.



ANATOMY OF A HACK: Breaking & Entering

How many of you think your organization is secure?



Threat Landscape

۲



Remote workers heavily targeted

- Vulnerable home routers
- Phishing
- Zoombombing
- Increased Remote Access
 - Remote Desktop Protocol
 - Server Message Block (SMB)
 - VPN



We patch, so we're good, right?

Your footprint is more than external VS internal



Clouds



Portals





LinkedIn and Google for the win



Recon is stock and trade







ETHICAL HACKERS

Objectives



Gain foothold into target network

Obtain Domain Admin

< 20 hours • Let Them Know We Were Here



RECONAISSANCE



Widgets

8 Google Font API Google Font API Usage Statistics - Download list of all Google Font API websites The Google Font API helps you add web fonts to any web page.

Tk Typekit

Mobile

Typekit Usage Statistics - Download list of all Typekit websites 🛈

Typekit is the easiest way to use real fonts on the web. It's a subscription-based service for linking to high-quality Open Type fonts from some of the worlds best type foundries.

Ecommerce

Squarespace Commerce

Squarespace Commerce Usage Statistics - Download list of all Squarespace Commerce websites Squarespace's eCommerce offering.

View Global Trends

View Global Trends

View Global Trends

8 Viewport Meta

Viewport Meta Usage Statistics - Download list of all Viewport Meta websites ③ This page uses the viewport meta tag which means the content may be optimized for mobile content.

🔹 IPhone / Mobile Compatible

Phone / Mobile Compatible Usage Statistics - Download list of all IPhone / Mobile Compatible websites

The website contains code that allows the page to support IPhone / Mobile Content.



Access more of BuiltWith

Create a free account to see more detailed data, more trends history and try out some of the Pro features of BuiltWith.







SOCIAL ENGINEERING



🕀 New 👻 🛅 Delete 🧧 Arch	nive Move to 🗸	Categories	5 🗸 ***	🧐 Undo			
		-	As previously discussed, we're in the process of migrating our email accounts to a new domain with enhanced security features. If you're receiving this email, that means you're part of the test group. Ple	Today, 3:40 PM			
Sent Items	Filter 🗸						
Next: No events for the next two days.	🛅 Agenda		Michael	P Reply all			
	5!	MR	Today, 3:00 PM				
Important Email Update	3:40 PM						
As previously discussed, we're in the process	of migratin						
Yesterday			As previously discussed, we're in the process of migrating our email accounts to a new domain with enhanced security features. If you're receiving this email, that means you're part of the test group. Please click the link below and confirm that you can sign in using your existing username and password. Also, please make sure your mail and folders copied over				
 Secure Email Migration 	Wed 5:41 PM	successfully. If you encounter any issues, please reply to this message. If you don't make us aware of any issues with your new account by Sunday, May 27th at 7:00 p email or folders may be lost. Please let me know if you run into any issues.					

From: Michael Sent: Monday, March 5, 2018 8:40:02 AM

To: all Subject: Secure Email Migration

Everyone,

Mike

From: Michael

In effort to improve the security of our organization, we're going to be looking to transfer our email to a new provider and a new domain. When we're ready to start testing, you'll all receive an email from the new provider with the link to log into the new account.

2

Thanks for the assistance!

Objective Complete

ls-10.1./- 5541682.t	<pre>('Array\n',) ('(\n',) (' [destination] => (' [flags] => 4\n',) (' [forcedownlevel]</pre>	SOPHOS	0	U	>
Vintware- tools-distrib Mestil.html Mestil	<pre>(' [username] => (' [username] => (' [password] => [(' [isutf8] => 1\n', (')\n',) ('Array\n',) ('(\n',) (' [destination] => (' [flags] => 4\n',) (' [forcedownlevel] (' [username] => (' [password] => (' [password] => (' [isutf8] => 1\n', (')\n',)</pre>	Login to UserPortal Username: Palsword: Remember my login (uses cookle) Login	92	English	
		© 2000-2018 Sophos Limited. All rights reserved.			

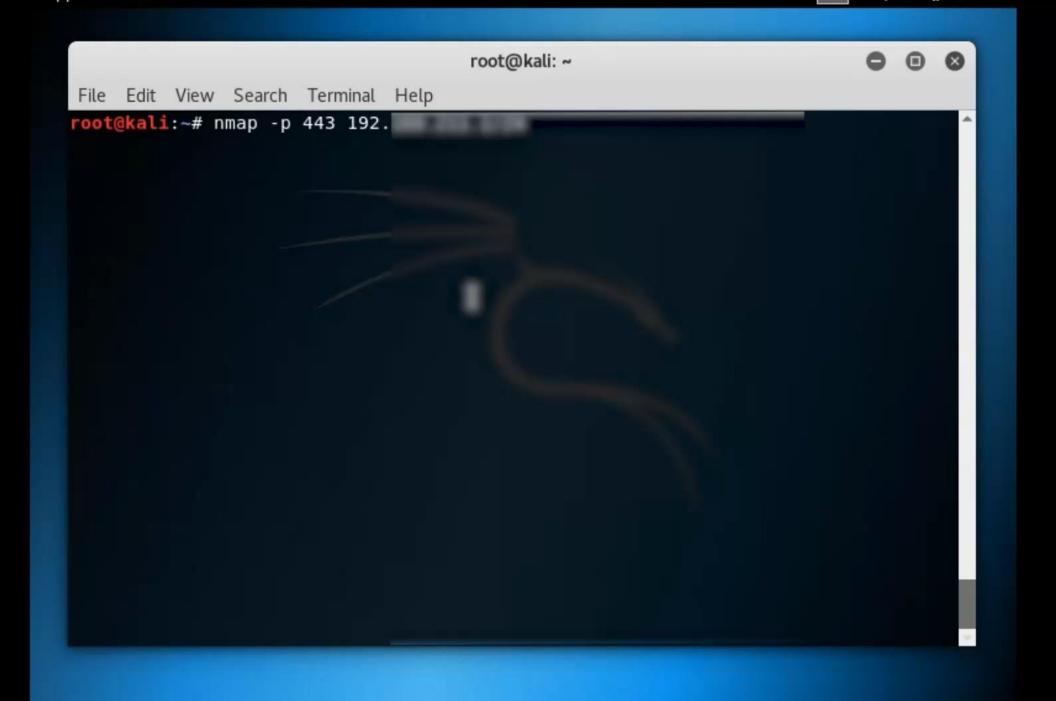
External Bad Guy is Now Internal Now What?

Action on Objectives

Recon Revisited If all else fails, call the vendor

Next Objective: Obtain Domain Admin





Helpdesk Ticketing System ≠ Secure Management of Data

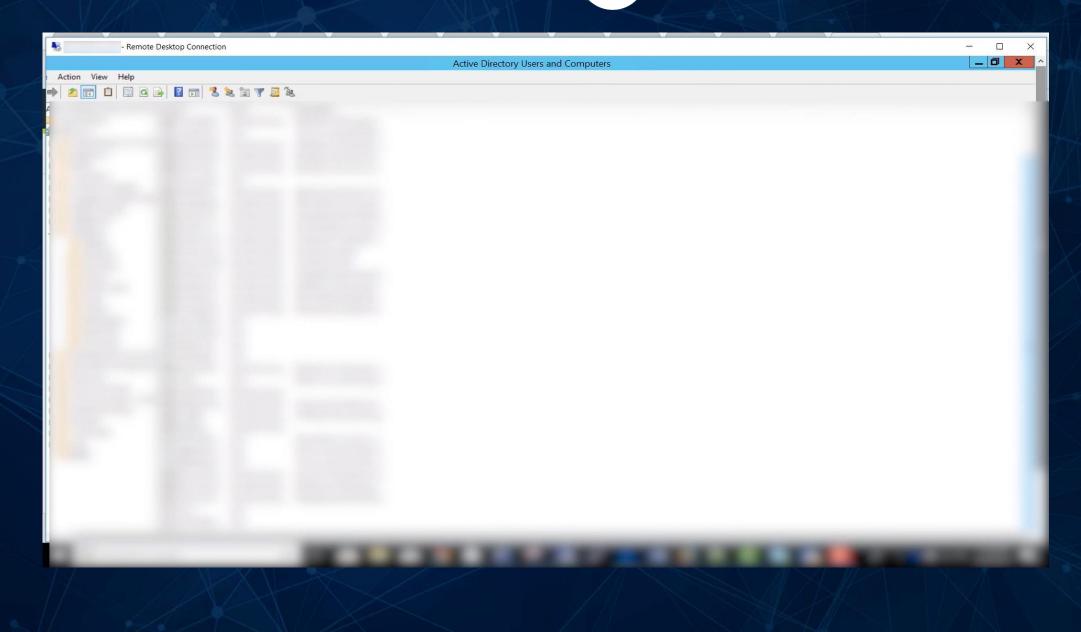
Easiest isn't always best

Think twice dealing with credentials Vendor isn't always right when it comes to security

Next Objective: We Were Here Mark



Objective Complete 🕢 We Were Here



Infogressive Team Accessed:







Firewall







Domain Controller



ConnectWise



Executive Workstation

Would you have noticed an attacker?



How To Stop The "Bad Guy"



Multi-Factor Authentication

Corporate Email - VPN - ConnectWise



Use a Password Vault



Have a dedicated security team



Overwatch and Advanced Auditing



FINAL THOUGHTS



teamascend.com







- Privilege
- *In re Capital One Consumer Data Security Breach Litig*. (Capital One), 2020 U.S. Dist. Lexis 91736 (E.D. Va. May 26, 2020), *a'ffd*, 2020 U.S. Dist. Lexis 112177 (E.D. Va. June 25, 2020) (September 2019 data breach investigation report authored by third party forensic firm was discoverable and not protected by the work product doctrine).
 - "but for the prospect of that litigation"
 - *But see In re Experian Data Breach Litig.*, 2017 U.S. Dist. Lexis 162891 (C.D.Cal 2017) (data breach report was privileged).



- Law firms
- Seyfarth Shaw Targeted by Weekend Cyberattack, https://www.law.com/americanlawyer/2020/10/12/seyfarth-shaw-targeted-by-weekend-cyber-attack/ (October 12, 2020).
- Seyfarth Shaw is in 'restoration phase' after Malware Attack, https://www.abajournal.com/news/article/seyfarth-shaw-is-in-restoration-phas-after-malware-attack (October 16, 2020).
- Seyfarth Cyberattack Spotlights Gaps In Law Firm Security, https://www.law360.com/articles/1319407/seyfarthcyberattack-spotlights-gaps-in-law-firm-security (October 15, 2020).
- Remote Work Has Law Firm Cybersecurity in a Fragile State, https://www.law.com/americanlawyer/2020/09/01/remote-work-has-law-firm-cybersecurity-in-a-fragile-state/ (September 01, 2020).



- Law firms
- More Than 100 Law Firms Have Reported Data Breaches. And the Problem Is Getting Worse, https://www.law.com/2019/10/15/more-than-100-law-firms-have-reported-data-breaches-and-the-picture-is-getting-worse/ (October 15, 2020)
- Major Data Breach at Law Firm Representing Lady Gaga, Madonna, Nicki Minaj, More, https://www.digitalmusicnews.com/2020/05/11/law-firm-data-breach-madonna-ladygaga/ (May 11, 2020)
- Law Firm Representing Lady Gaga, Madonna, Bruce Springsteen, Others Suffers Major Data Breach, https://variety.com/2020/digital/news/entertainment-law-firm-hacked-databreach-lady-gaga-madonna-bruce-springsteen-1234602737/ (May 9, 2020)



- Towns and Municipalities
- Ransomware Attacks 'raising the bar' as Cities Struggle to Respond, https://www.smartcitiesdive.com/news/ransomware-attacks-smart-citiesresponse/584202/ (August 27, 2020).
- 8 Cities That Have Been Crippled by Cyberattacks and What They Did to Fight Them, https://www.businessinsider.com/cyberattacks-on-american-cities-responses-2020-1 (January 27, 2020).
- City of Shafter Hit by Ransomware Attack, https://bakersfieldnow.com/news/local/city-ofshafter-hit-by-ransomware-attack (October 21, 2020).
- Ransomware hits election infrastructure in Georgia county, https://www.cnn.com/2020/10/22/tech/ransomware-election-georgia/index.html (October 22, 2020)



• COVID-19

- Coronavirus-Related Spear Phishing Attacks See 667% Increase in March 2020, https://www.securitymagazine.com/articles/92157-coronavirus-related-spear-phishingattacks-see-667-increase-in-march-2020 (April 16, 2020).
- Remote Work Ransomware Protection Guide for Businesses, https://blog.emsisoft.com/en/37028/remote-work-ransomware-protection-guide-forbusinesses/ (October 19, 2020).
- The Rise of Ransomware During COVID-19, https://home.kpmg/xx/en/home/insights/2020/05/rise-of-ransomware-during-covid-19.html.



- The Changing Cybersecurity Landscape COVID-19 and Working From Home
 - Many organizations switching from "standard" office settings to working from home model indefinitely
 - Employees utilizing personal computers and email accounts
 - Companies, individuals, and organizations regularly utilizing "zoom" and other video conferencing software







- The Changing Cybersecurity Landscape COVID-19 and Working From Home
 - Tips to Keep your Organization Safe
 - Utilize video-conferencing privacy settings don't get lazy
 - Change passwords and limit control/access to data
 - Deactivate unused or noncritical data
 - Make backups and store offline
 - Remind employees about their training
 - Encrypt sensitive information
 - Confirm process in place to deal with data breach
 - Install security patches on remote computers
 - Keep up on current events



- The Changing Cybersecurity Landscape Social Media
 - Over 90% of companies use social media for advertising, communicating with customers or other business purposes
 - Social media breaches have been on the rise.
 - 22% of internet users polled said that their online accounts had been hacked at least once





- The Changing Cybersecurity Landscape Social Media
 - Tips to Keep your Organization Safe
 - Have a designated individual in charge of social media accounts and keep account log-in information private
 - Make sure that terminated employees no longer have access/control
 - Keep eyes on all your different accounts make sure there are no accounts in your organization's name that could be hacked without your knowledge
 - Turn on two-factor authentication
 - Don't treat public computers like personal/work computers



- The Changing Cybersecurity Landscape Social Media
 - If you have been hacked Social Media
 - Make sure it was not a disgruntled employee or other internal breach
 - Update your system/delete any malware
 - Change passwords
 - Follow the site's advice on restoring account and check account settings
 - Inform your followers and customers



• The Changing Cybersecurity Landscape – Social Media



Well, we were hacked. And it wasn't funny. We apologize for the awful posts, which obviously did not come from us. 10:20 PM · Jun 1, 2018

♡ 27.1K ♀ 7.1K people are Tweeting about this





- The Changing Cybersecurity Landscape Smart Devices
 - Smart Phones
 - Smart Refrigerators
 - Smart Cameras

Ring customers with cameras breached by hackers sue Amazon in proposed class action lawsuit

BY MONICA NICKELSBURG on January 7, 2020 at 9:51 am



- The Changing Cybersecurity Landscape Smart Devices
 - Tips to Keep your Organization Safe Smart Devices
 - Secure Wi-Fi networks
 - Work phones v. personal phones
 - Does it really need to be "smart?" do not let convenience make you forget security
 - Don't ignore updates
 - Use multiple authentication layers
 - Do research buy smartly



- The Changing Cybersecurity Landscape "Agree to Terms and Conditions"
 - It would take an average person 76 work days (8 hours a day) to read all the Terms and Conditions they agree to in a year





- The Changing Cybersecurity Landscape Biometric Data
 - Data Breaches
 - State Biometric Laws
 - Illinois Biometric Information Privacy Act (2008): no private entity can gather and keep an individual's biometric information without prior notification and written permission
 - Texas Statute on the Capture or Use of Biometric Identifier (2009) (Tex. Bus. & Com. Code Ann. §503.001)
 - Washington Statute on Biometric Identifiers (2017) (Rev. Code Wash. (ARCW) § 19.370.900)



- The Changing Landscape Practical v. Legal Concerns
 - Do I need to contact an attorney?
 - Do I need to inform my employees/customers?
 - Are there legal consequences?
 - Confidentiality?
 - Privacy?
 - Are there business consequences?
 - Do I need to take steps to avoid this occurring in the future?



- The Changing Landscape Can the Law Keep up?
 - Data Breach Notification Laws
 - First state law \rightarrow 2002
 - Last state law $\rightarrow 2018$
 - Amend definition of "data breach?"
 - Biometric Data Breach Laws
 - First state law \rightarrow 2008
 - Only handful of states have law today
 - Smart Device Laws? Artificial Intelligence Laws?
 - Uniform Standard?
 - State "Safe Harbors"
 - Ohio Data Protection Act



- Ohio Data Protection Act Statutory Defense/Safe Harbor:
 - Create, Maintain, and Comply with WRITTEN Cybersecurity Program
 - Cybersecurity Program Must Contain Administrative, Technical, and Physical Safeguards to Protect Personal Information
 - Cybersecurity Program Must Be Designed To:
 - Protect the security and confidentiality of personal information
 - Protect against anticipated threats or hazards to the security or integrity of personal information
 - Protect against unauthorized access to acquisitions of personal information
 - Cybersecurity Program Must "*Reasonably Conform*" to an Industry Recognized Cybersecurity Framework



- Other States:
 - California Consumer Privacy Act of 2018
 - Cal. Civ. Code § 1798.198, et. seq.
 - Massachusetts Standards for the Protection of Personal Information of Residents of the Commonwealth
 - Mass. Ann. Laws ch. 93H, §§ 1-6; 201 CMR 17.00
 - New York Stop Hacks and Improve Electronics Data Security ("SHIELD") Act
 - N.Y. Gen. Bus. Law § 899-aa
 - Oregon Consumer Indemnity Theft Protection Act
 - Or. Rev. Stat. Ann. § 646A.600, et seq.
 - Colorado Protections for Consumer Data Protection Act
 - Colo. Rev. Stat. § 6-1-713.5



- FTC
- *In the Matter of Tapplock Inc.,* Dkt. No. 4718 (FTC) (May 20, 2020) (consent agreement over allegations that Tapplock's "smart locks" were not secure).
- In the Matter of NTT Global Data Centers Americas, Inc. (RagingWire Data Centers), Dkt. No. 9386 (FTC)(June 30, 2020 consent agreement over allegations that RagingWire misled customers about its participation in the EU-US Privacy Shield framework and failed to adhere to the program's requirements).



- FTC
- United States v. Kohl's Department Stores, Inc., Case No. 20-859 (E.D. Wis.) (stipulated order for permanent injunction and other relief to resolve allegations that Kohls violated FCRA by failing to provide complete information to customers who PII was used by identity thieves).



- SEC
- Cybersecurity: Safeguarding Client Accounts against Credential Compromise, https://www.sec.gov/ocie/announcement/risk-alertcredential-compromise (September 18, 2020)

"The Office of Compliance Inspections and Examinations ("OCIE") has observed in recent examinations an increase in the number of cyber-attacks against SEC-registered investment advisers and brokers and dealers using credential stuffing, a method of cyber-attack to client accounts that uses compromised client login credentials, resulting in the possible loss of customer assets and unauthorized disclosure of sensitive personal information. The failure to proactively mitigate the risks of credential stuffing proactively significantly increases various risks for firms, including but not limited to financial, regulatory, legal, and reputational risks, as well as, importantly, risks to investors. OCIE encourages firms to review their customer account protection safeguards and identity theft prevention programs and consider whether updates to such programs or policies are warranted to address emergent risks."



- CCPA
- In re: Zoom Video Communications, Inc. Privacy Litig., Case No. 20-02155-LHK (N.D. Cal.).
 - Question of adequacy of notice
 - Sharing of personal data and information
 - Roll out of new version around March 27, 2020



- CCPA
- In re: Hanna Andersson and Salesforce.com Data Breach Litig., Case No. 20-01572-EMC (N.D. Cal.).
 - Data breach; skimmers/scrapers stole customer's payment information
 - Concerns raised regarding the notice provided to customers



- CCPA
- Cercas v. Ambry Genetics Corp., Case No. 20-00791 (C.D. Cal.).
 - Data breach
 - Failure to report



- CCPA
- Sweeney v. Life on Air, Inc. & Epic Games, Inc., Case No. 20-00742 (S.D. Cal.).
 - Houseparty
 - Privacy policy



- CCPA
- *Shay v. Apple,* Case No. 2020-00017475 (San Diego Supeior Ct.).
 - Defective gift cards



- The ICO (and GDPR)
- 2019 Annual Report
 - Fines across Europe totaled €56 million
 - 200,000 investigations
 - 64,000 enforcement actions
 - Planned fines for BA of €183 million (1.5% of global revenue)
 - Planned fines for Marriot Group of €99.2 million 2.5% of global revenue)



FTC GUIDANCE

- FTC authority under Section 5 of the FTC Act related to unfair practices affecting commerce (*FTC v. Wyndham*, 799 F.3d 236 (3d. Cir. 2015)).
- June 2015: Start with Security: A Guide for Business (https://www.ftc.gov/tipsadvice/business-center/guidance/start-security-guide-business).
 - (1) Start with security
 - (2) Control access to data sensibly
 - (3) Require secure passwords and authentication
 - (4) Store sensitive personal information securely and protect it during transmission
 - (5) Segment your network and monitor who's trying to get in and out
 - (6) Secure remote access to your network
 - (7) Apply sound security practices when developing new products
 - (8) Make sure your service providers implement reasonable security measures
 - (9) Put procedures in place to keep your security current and address vulnerabilities that may arise
 - (10) Secure paper, physical media, and devices.





FTC GUIDANCE

- Protecting Small Businesses (https://www.ftc.gov/tips-advice/business-center/smallbusinesses).
- Dec. 11-12, 2018: Hearings on Competition and Consumer Protection in the 21st Century (https://www.ftc.gov/policy/hearings-competition-consumer-protection).
- July 22, 2019: \$575 million Equifax settlement illustrates security basics for your business (https://www.ftc.gov/news-events/blogs/business-blog/2019/07/575-million-equifax-settlement-illustrates-security-basics).
 - "Patch your software. Segment your network. Monitor for intruders."
- Jan. 6, 2020: New and Improved FTC Data security orders: Better Guidance for Companies, better protection for customers (https://www.ftc.gov/news-events/blogs/business-blog/2020/01/new-improved-ftc-data-security-orders-better-guidance).



SEC GUIDANCE

- SEC's Division of Enforcement's Cyber Unit was established in September of 2017.
- SEC Commission Statement and Guidance on Public Company Cybersecurity Disclosures, 83 Fed. Reg. 8,166 (Feb. 26, 2018).
- Dec. 6, 2018: SEC Chairman's comments:



"From a market oversight perspective, we continue to prioritize cybersecurity in our examinations of market participants, including broker-dealers, investment advisers and critical market infrastructure utilities. In assessing how firms prepare for a cybersecurity threat, safeguard customer information, and detect red flags for potential identity theft, for example, we have focused on areas including risk governance, access controls, data loss prevention, vendor management and training, among others. And given the interconnectedness of our markets, we will continue to work closely with our counterparts at other federal financial regulatory agencies and the international community."



SEC GUIDANCE

- 2019 Examination Priorities: Cybersecurity remains a top priority (https://www.sec.gov/files/OCIE%202019%20Priorities.pdf).
 - Configuration of network storage devices
 - Robust Information Security Governance
 - Policies and procedures (FINRA: investor advisors and investor data)
 - Managing internal systems and partners/affiliates (legacy systems)
- Sept. 9, 2019: SEC votes to propose amendments to the CAT NMS Plan [life cycle of orders through brokers/dealers] (https://www.sec.gov/news/press-release/2019-173).
 - File and publish a complete implementation plan for CAT and quarterly progress reports
 - Plan and report approved by OC and submitted to President/CEO
 - Fee reduction if milestones missed
- Oct. 2020: Spotlight on Cybersecurity, the SEC and You (https://www.sec.gov/spotlight/cybersecurity).



DHS GUIDANCE

• November 16, 2018: Cybersecurity and Infrastructure Security Agency Act of 2018 is signed into law.



• August 21, 2019: CISA Insights - Ransomware Outbreak (https://www.cisa.gov/blog/2019/08/21/cisa-insights-ransomware-outbreak).

• Sept. 13, 2019: CISA's ICT Supply Chain Risk Management Task Force Approves Recommendations and Interim Report (https://www.cisa.gov/cisa/news/2019/09/13/cisas-ict-supply-chain-risk-managementtask-force-approves-recommendations-and).



NIST GUIDANCE

• April 2018: Cybersecurity Framework 1.1 (https://www.nist.gov/cyberframework).



• Sept. 9, 2019: NIST Requests Comments on Draft Privacy Framework (https://www.nist.gov/news-events/news/2019/09/nist-requests-commentsdraft-privacy-framework).

• Oct. 2020: NISTIR Intergrating Cybersecurity and Enterprise Risk Management (https://csrc.nist.gov/publications/detail/nistir/8286/final).



FCC GUIDANCE

• Cybersecurity for Small Business (https://www.fcc.gov/general/cybersecurity-small-business).

- 10 Cyber Security Tips for Small Business
 - Train employees in security principles
 - Protect information, computers, and networks from cyber attacks
 - Provide firewall security for your internet connection
 - Create a mobile device action plan
 - Make back up copies of important business data and information
 - Control physical access to your computers
 - Secure your Wi-Fi connections
 - Employ best practices on payment cards
 - · Limit employee access to data information/limit authority to install software
 - Require passwords





ADDITIONAL GUIDANCE



 US Chamber of Commerce: Internet Security Essentials for Business 2.0

(https://www.uschamber.com/sites/default/files/legacy/issues/defense/files/020956_PDF_web.pdf).

• July 2019: The DoD Cybersecurity Policy Chart (https://www.csiac.org/resources/the-dod-cybersecurity-policy-chart/).

• How to Create Unique Passwords: (https://www.forbes.com/sites/kevinmurnane/2019/04/21/how-to-create-unique-passwords-for-every-account-that-are-hard-to-guess-and-easy-to-remember/#191ae0591da1).



2019 AND I DON'T HAVE ANY \$\$\$

- Put something in writing
- Train/talk with employees often!
- Encrypt data and change passwords
- Evaluate BYOD policies
- Limit access to certain data
- Install software updates/patches
- Find business partners/vendors with \$\$\$ to invest
- Talk to your Board, C-Suite about investing in stages







Questions?





KMK Law's Cybersecurity & Privacy Team provides effective data protection and cybersecurity solutions to minimize risk before, during, and after a data breach.

To learn more visit www.kmklaw.com









Ascend helps business leaders make IT investments with confidence, eliminate cybersecurity threats, meet the needs of the business, and optimize user productivity. Businesses endure, grow and innovate on a foundation of efficiently run core IT systems. Ascend makes technology the catalyst for business expansion.

For more information, please visit **www.teamascend.com**









Thank You