CrowdCasts Monthly: You Have an Adversary Problem

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You Have an Adversary Problem. Who's Targeting You and Why?

Nation-States, Hacktivists, Industrial Spies, and Organized Criminal Groups are attacking your enterprise on a daily basis. Their goals range from espionage for technology advancement and disruption of critical infrastructure to for-profit theft of trade secrets and supporting a political agenda. You no longer have a malware problem, you have an adversary problem, and you must incorporate an intelligence-driven approach to your security strategy.

During this CrowdCast, you will learn how to:

Incorporate Actionable Intelligence into your existing enterprise security infrastructure Quickly understand the capabilities and artifacts of targeted attacked tradecraft Gain insight into the motivations and intentions of targeted attackers Make informed decisions based off of specific threat intelligence



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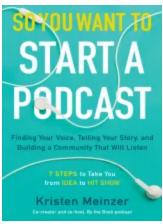
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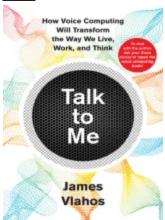
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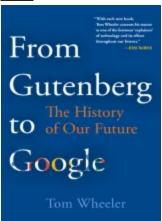
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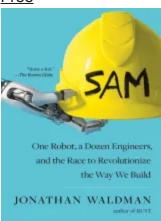
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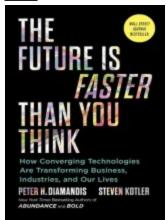
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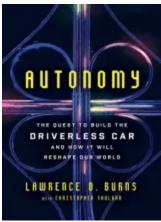
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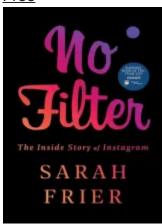
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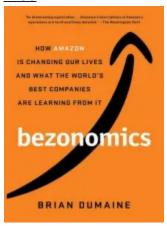
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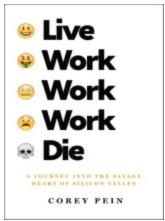
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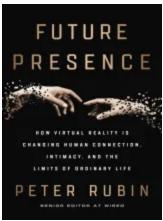
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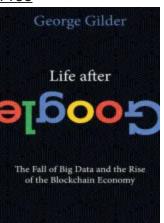
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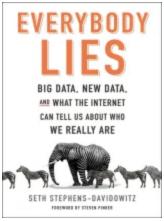
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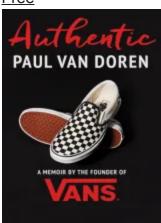
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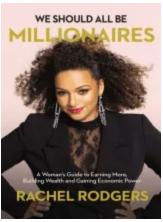
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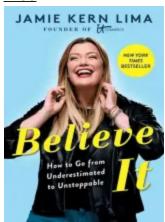
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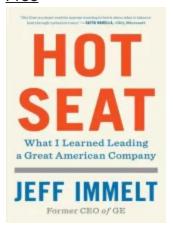
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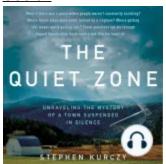
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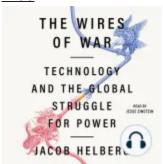
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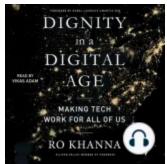
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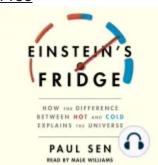
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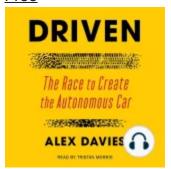
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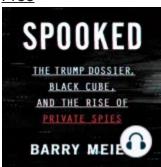
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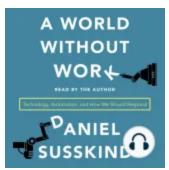
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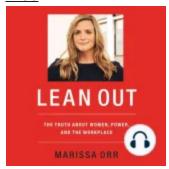
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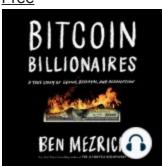
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- 7. 7. @CROWDSTRIKE | #CROWDCASTS Adversary Categorization CATEGORIZATION| Adversary Groups 1 Tactics, Techniques, and Practices 2 Never assume relationships exist Between indicators 3 Recognize adversaries are constantly changing 4 But RECOGNIZE they are HUMAN CATEGORIZATION 2013 Crowdstrike, Inc. All rights reserved. 7
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- 10. 10. Intelligence @CROWDSTRIKE | #CROWDCASTS Adversary Groups HACKTIVIST/ACTIVIST/ TERRORIST CRIMINAL Deadeye Jackal Commercial, Singing Spider Commercial, Financial Financial, Media, Social Networking Union Spider Manufacturing Ghost Jackal Commercial, Energy, Andromeda Spider Numerous Financial Corsair Jackal Commercial, Technology, Financial, Energy Extreme Jackal Military, Government 2013 CrowdStrike, Inc. All rights reserved. 10

- 11. 11. @CROWDSTRIKE | #CROWDCASTS Notable Activity Q3 NEW ADVERSARIES STONE PANDA | NIGHTSHADE PANDA | GOBLIN PANDA | CORSAIR JACKAL NOTABLE ACTIVITY DEADEYE JACKAL | NUMBERED PANDA | SILENT CHOLLIMA 2013 Crowdstrike, Inc. All rights reserved. 11
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- 15. <u>15.</u> Intelligence: NIGHTSHADE PANDA OPERATIONAL WINDOW Feb 2008 to Present OBJECTIVES Recon Lateral movement Data exfiltration @CROWDSTRIKE | #CROWDCASTS TARGETING Media NGO/Int'l Relations Universities TOOLS Poison Ivy PlugX 2013 CrowdStrike, Inc. All rights reserved. 15
- 16. 16. @CROWDSTRIKE | #CROWDCASTS Target Sectors: Media; NGO/Int'l Relations; Universities WHO IS NIGHTSHADE PANDA? Delivery: Likely spearphishing Malware: PlugX and Poison Ivy Known Poison Ivy passwords: synnia C2 Indicators: www.adv138mail.com; pu.flowershow.org; tech.network-sec.net; 184.105.178.83; 199.59.243.106; 112.137.162.151 2013 Crowdstrike, Inc. All rights reserved. 16
- 17. 17. Intelligence: GOBLIN PANDA OPERATIONAL WINDOW July 2012 to July 2013 OBJECTIVES Recon Lateral movement Data exfiltration @CROWDSTRIKE | #CROWDCASTS TARGETING Aerospace Defense Energy Government Shipping TOOLS Technology Spearphishing using office doc ZeGhost specific mutexes 2013 CrowdStrike, Inc. All rights reserved. 17
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- 21. 21. @CROWDSTRIKE | #CROWDCASTS Target Sectors: Energy; Financial; Government; Shipping; Telecommunications WHO IS CORSAIR JACKAL? Primarily One Individual: Fahmi Ben Khlifa (XTnR3v0LT) Professed nationalistic motivations for malicious activity, but also white hat activity. Cross-site scripting attacks used to compromise databases at target organizations. 2013 Crowdstrike, Inc. All rights reserved. 21
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- 25. <u>25.</u> @CROWDSTRIKE | #CROWDCASTS Target Sectors: Financial Institutions; Media/News; Social Network Platforms WHO IS DEADEYE JACKAL? Delivery: Spearphishing Nationalistic, pro-Syrian regime motivations Defacement, account takeover, third-party provider attacks, credential collection 2013 Crowdstrike, Inc. All rights reserved. 25
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- 27. 27. @CROWDSTRIKE | #CROWDCASTS Target Sectors: Government; Financial; Telecommunications; Media WHO IS NUMBERED PANDA? Delivery: Spearphishing Malware: Ixeshe, Mswab, Gh0st, ShowNews, 3001 C2 Indicators: getfresh.dnsrd.com; serial.ddns.ms; gfans.onmypc.us; 23.19.122.202; 192.154.108.10; 192.154.111.200 2013 Crowdstrike, Inc. All rights reserved. 27

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- 29. 29. @CROWDSTRIKE | #CROWDCASTS Target Sectors: Media WHO IS SILENT CHOLLIMA? Delivery: Spearphishing Malware: HTTP/IRC-based; Tdrop; Concealment Troy; LSG C2 indicators: www.designface.net; www.sdmp.kr; www.socrates.tw; 202.172.28.111; 63.115.31.15; 209.137.232.3 2013 Crowdstrike, Inc. All rights reserved. 29
- 30. 30. @CROWDSTRIKE | #CROWDCASTS INTELLIGENCE-DRIVEN SECURITY INTELLIGENCE| Adversary-Centric 1 INTELLIGENCE Understand the adversaries targeting your Vertical | Company | Geo-Location | Customers 2 Build appropriate defenses to counter/detect these adversaries 3 Perform other security practices from an Adversary-centric perspective Pen Testing (Red Team) Security Operations Briefings Log Review 2013 Crowdstrike, Inc. All rights reserved. 30
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