

Is our risk perception ready for an emerging threat landscape?

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The art of making the right decisions





The missing piece of the puzzle





Risk perception



Overall, risk perception can be explained as a subjective understanding, of which the individual's preconditions, context and intuition determine how a risk is experienced and assessed (Slovic, 2000: 220).



The big unknown factor

THE PERCEPTION GAP!







So what's next?

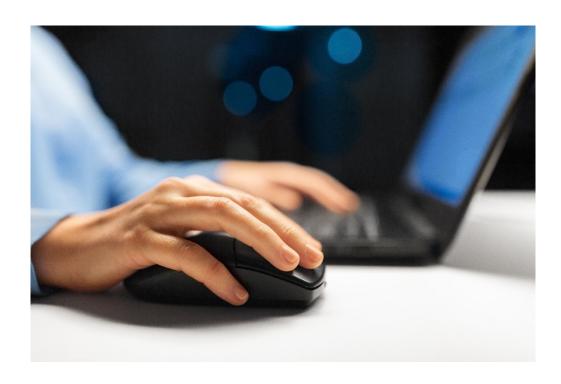
By translating our expert knowledge, we create a foundation for qualified decisions about risk and mitigation.



And now we add the emerging threats!!

First we had Covid-19
"Let's go more digital"

Then came the war "Let's go redundant!"







What to expect in the future?







Russia-Ukraine conflict maxes out cyberattack risk assessment index

Cyber Attack Predictive Index developed at Johns Hopkins University predicts the potential for cyberattacks between nations; Tool finds 'extremely high likelihood' of attack against

Kvartal 2022



Udvalgte varsler

- Kritiske sårbarheder i VMware
- Kritisk opdatering til Zyxel firewlls og VPN
- TLSstorm sårbarhed i Avaya og Aruba
- Hackere udnytter kritisk fejl i Zyxel firewalls og VPN'er
- Alvorlige sårbarheder i SonicWall SSLVPN SMA 1000-serien











Cybercrime as a service (CaaS) and the main cashcow - Ransomware attacks are booming

Feature

Cybercrime as a service: a very modern business

Derek Manky

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https://doi.org/10.1016/S1361-3723(13)70053-8

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Cybercrime has continued to evolve and today it exists in a highly organised form. It has itself become big business, and as with all emerging markets, the suppliers and vendors that serve the cybercrime market have expanded their offer to encompass a range of activities.

Cybercrime has evolved into a complex, highly organised hierarchy involving leaders, engineers, infantry, and hired money mules and a worrying new phrase has entered the lexicon of cybercrime – Crime as a Service (CaaS). Derek Manky of FortiGuard Labs examines how the cybercrime world has matured into big business.

https://www.sciencedirect.com/science/article/abs/pii/S1361372313700538

March 30, 2021

Over half of ransomware victims pay the ransom, but only a quarter see their full data returned

More than half (56%) of ransomware victims paid the ransom to restore access to their data last year, according to a global study of 15,000 consumers conducted by global security company Kaspersky.

Yet for 17% of those, paying the ransom did not guarantee the return of stolen data. However, as public awareness of potential cyberthreats grows there is reason for optimism in the fight against ransomware.

https://www.kaspersky.com/about/press-releases/2021 over-half-of-ransomware-victims-pay-the-ransom-but-only-a-quarter-see-their-full-data-returned



The hackers are ahead!

June 9, 2021

This is how fast a password leaked on the web will be tested out by hackers



"About half of of the accounts were accessed within 12 hours of us actually seeding the sites. 20% are accessed within an hour and 40% are accessed within six hours. That really shows you how quickly a compromised account is exploited," Crane Hassold, senior director of threat research at Agari, told ZDNet.



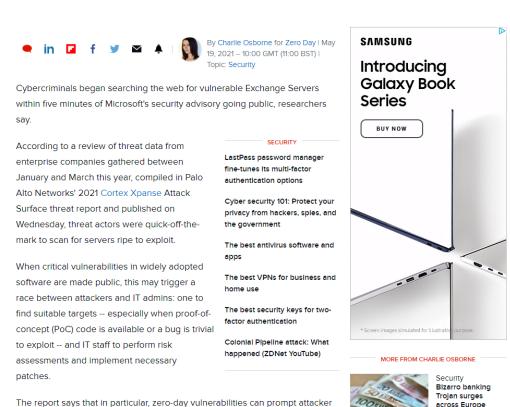
Cybersecurity researchers planted phoney passwords on the web. They found that attackers were extremely quick to test if usernames and passwords worked.

READ FULL STORY

https://www.zdnet.com/article/this-is-how-fast-a-password-leaked-on-the-web-will-be-tested-out-by-hackers/

Cybercriminals scanned for vulnerable Microsoft Exchange servers within five minutes of news going public

Research suggests the cheap hire of cloud services has allowed cyberattackers to quickly pick out targets.

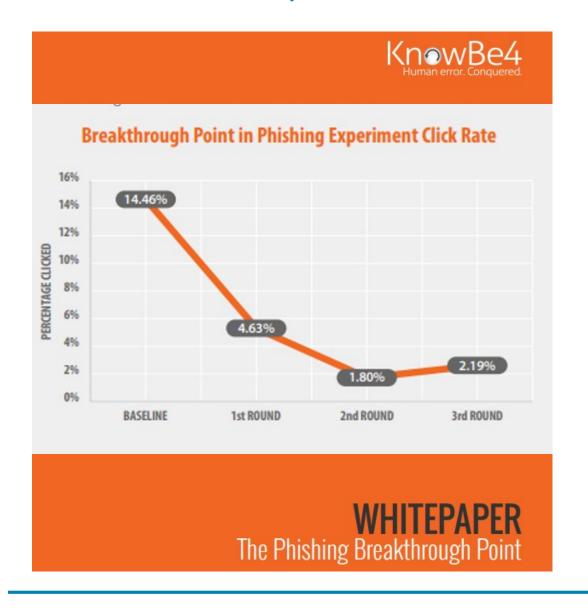


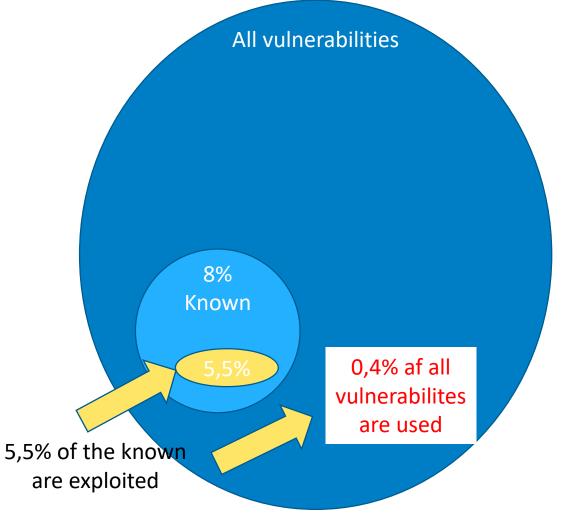
https://www.zdnet.com/article/cybercriminals-scanned-for-vulnerable-microsoft-exchange-servers-within-five-minutes-of-news-going-public

scans within as little as 15 minutes following public disclosure.



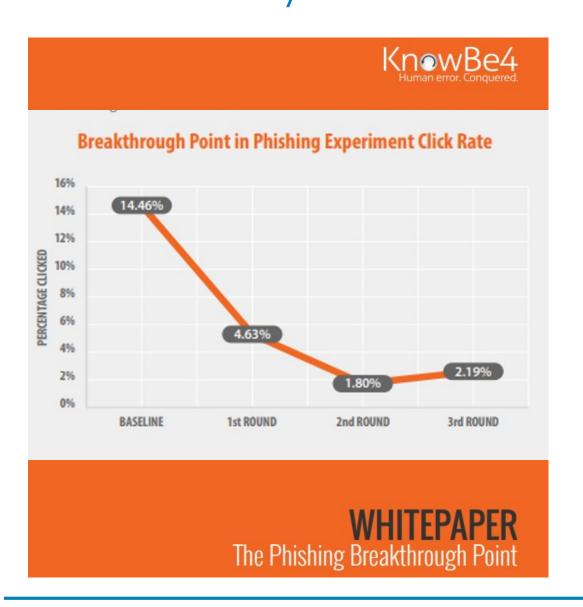
There will always be vulnerabilities – human and technical







There will always be vulnerabilities – human and technical





https://www.zdnet.com/article/ransomware-this-is-how-half-of-attacks-begin-and-this-is-how-you-can-stop-them

We are dependent on each other across sectors – collaboration is key!



Car and medical units have 23 sim cards all together!

Når tid er afgørende for overlevelse: Ambulancer kortlægger mobilnet på Sjælland



Ambulancer skal den kommende tid køre rundt med en netværksscanner og kortlægge mobildækningen på Sjælland. (Illustration: Region Sjælland)

DTU kortlægger mobildækningen på Sjælland med en netværksscanner i en ambulance. Målet er på sigt at starte behandlingen tidligere ved slagtilfælde.

Af Laurids Hovgaard 22. sep 2022 kl. 05:10 3

Job fra JOBFINDER

BLUEBEAM

Job fra JOBFINDER

Elinstallatør til teknisk sagsbehandling

Dygtige IT-ingeniører til beskyttelse af Danmarks

klassificerede...

VVS-tekniker, VVS-

Bluebeam gør

det nemt at standardisere byggeprocesser.

til inspektion og...

https://ing.dk/artikel/naar-tid-afgoerende-overlevelse-ambulancer-kortlaegger-mobilnet-paa-sjaelland-261047



Data explosion and hiring people – We have to think differently

Overcoming the biggest cyber security staff challenges



Organisations face resource shortages when it comes to cyber security, but there are ways to overcome this.

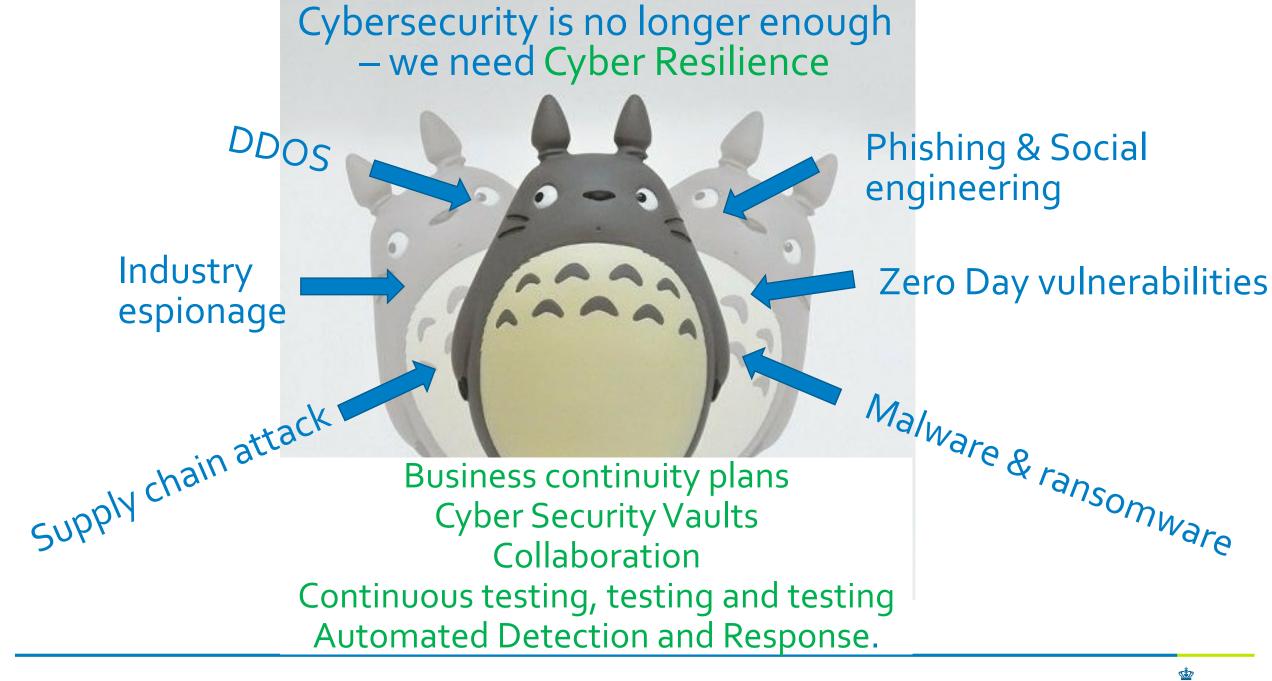
Andrew Rose, resident CISO EMEA at Proofpoint, discusses the biggest cyber security staff challenges facing organisations, and how to overcome them Detection of known indicators of compromise is no longer enough; security teams need tools that can detect abnormal behavior, which could signal an advanced attack before it's too late. For teams with limited resources and time, finding the budget for yet another tool is hard to justify, not to mention the complexity it adds.

In addition, the high volume of data traveling across the network makes it easy for attackers to hide their tracks and avoid detection. By blending in with normal traffic patterns, threats can hide and attackers can increase their dwell time. Attackers are patient; they may move data in small and infrequent batches to avoid being noticed. Modern attacker tactics require that security teams are prepared with NDR solutions. These can constantly monitor their networks and find strange or suspicious behavior quickly. From there, they can raise actionable alerts that help contain a cyberattack.

https://securityintelligence.com/posts/network-detection-and-response-network-security/

https://www.information-age.com/overcoming-biggest-cyber-security-staff-challenges-12349922





How to mitigate??

Key challenge	Mitigation
The hackers are ahead! – they have agile business models, make tons of money and invest in AI and ML to recon and attack	Collaborations is key - create communities of trust and share vulnerabilities and solutions for the common good.
There will always be vulnerabilities – technical and human. No matter what we do.	
No firm or sector is independent, digitization makes collaboration key!	Think differently and invest in automation of tasks (AI and ML) wherever possible.
Staffing shortage and massive amounts of data in cyber security	
Cyber security is not enough anymore	You cant predict or protect - you have to be able to be Cyber resilient Emphasize on initiatives that make you recover quickly: Business continuity plans (from offline) Cyber Security Vaults (air gabbed offline backup) Collaboration with other (trusted circles and MISP) Continuous testing, testing and testing of the emergency team Invest in automated Network Detection and Response
Hackers are copying encrypted data - Harvest now and decrypt later strategy	No real solutions yet — Begin planning and implementing the use of quantum encryptions where really needed! Begin mapping where are you using encryption and when the "new" ones will be "old".



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