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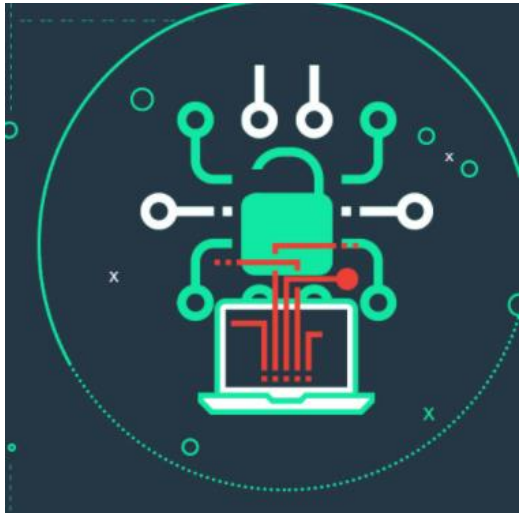
Minding Security Gaps

How Virtual Patching can protect businesses

Krista Laplante-Gaul – krista_laplantegaul@trendmicro.com
Technical Sales Engineer

Why are zero-day vulnerabilities & exploits significant

Vulnerabilities



Exploits

https://www.trendmicro.com/vinfo/fr/security/news/vulnerabilities-and-exploits/security-101-zero-day-vulnerabilities-and-exploits

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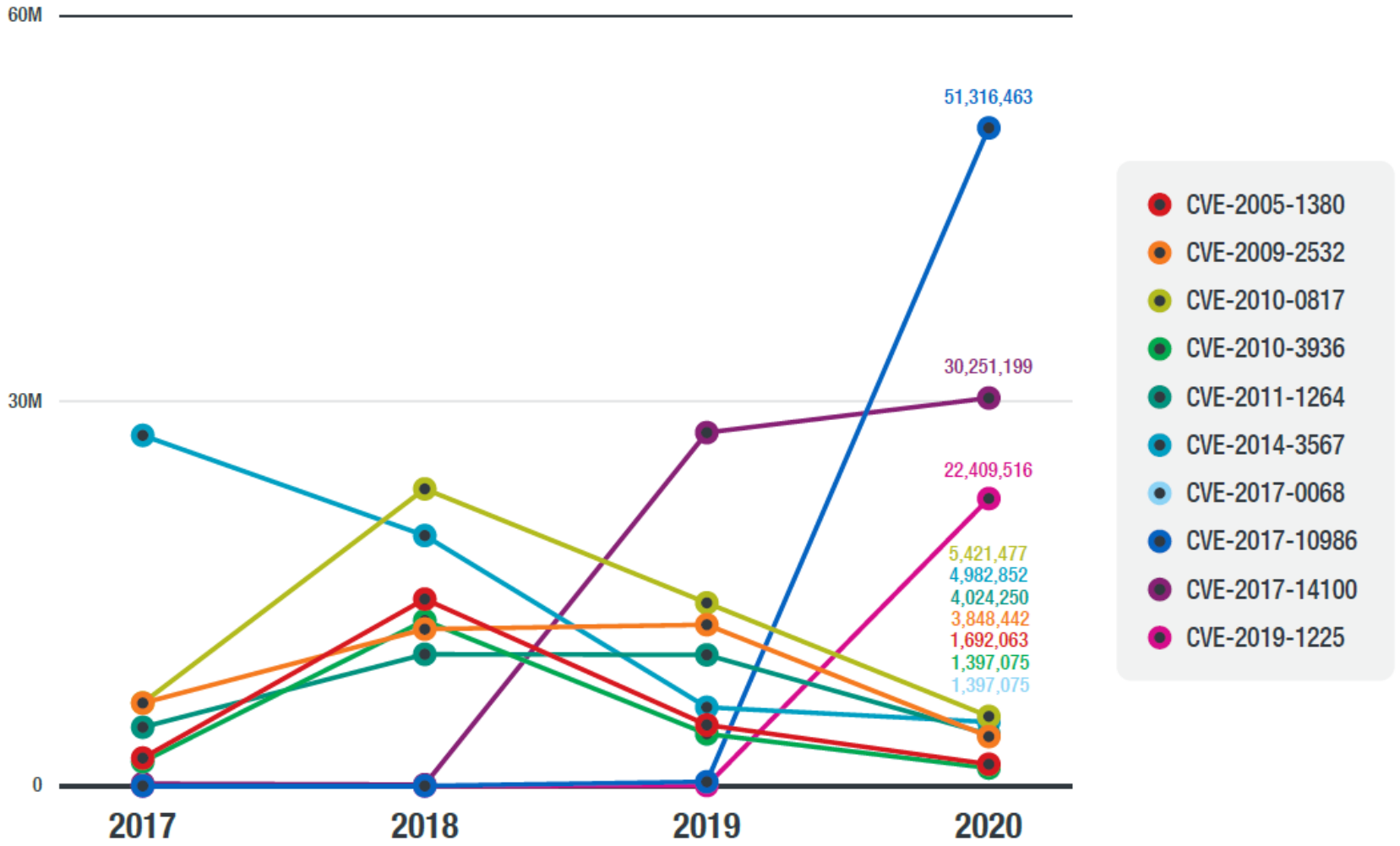
State of Vulnerabilities

The 10 most exploited vulnerabilities



A comparison of the detection counts of the 10 most exploited vulnerabilities from 2017 to 2020

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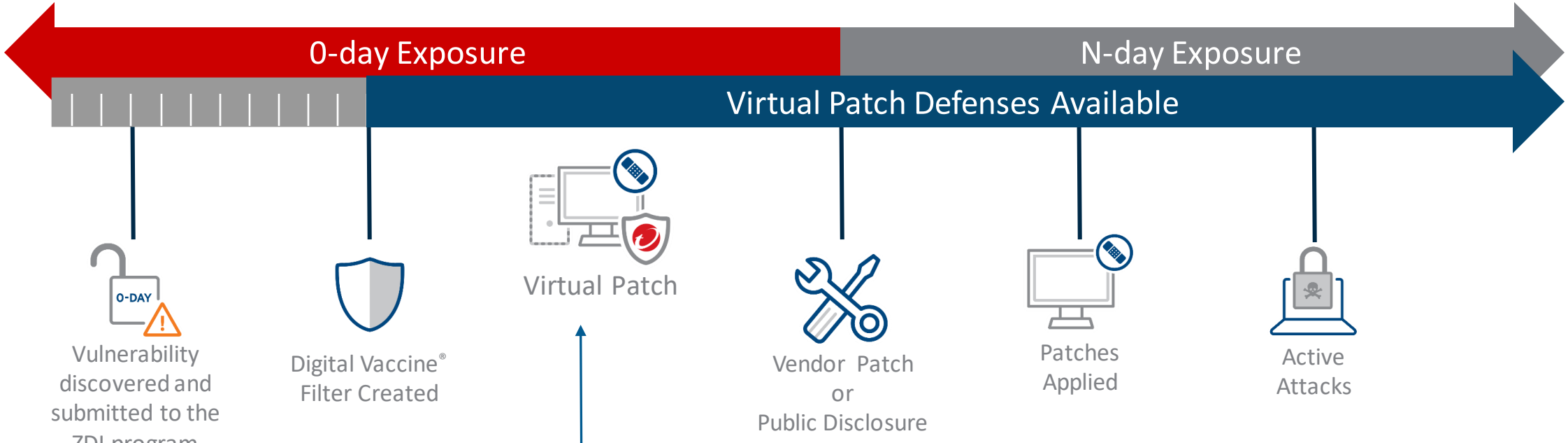
The Lifecycle of a Vulnerability

How it works



Average of 96 days zero-day filter coverage from date of DV filter shipped to ZDI public disclosure

https://www.zerodayinitiative.com

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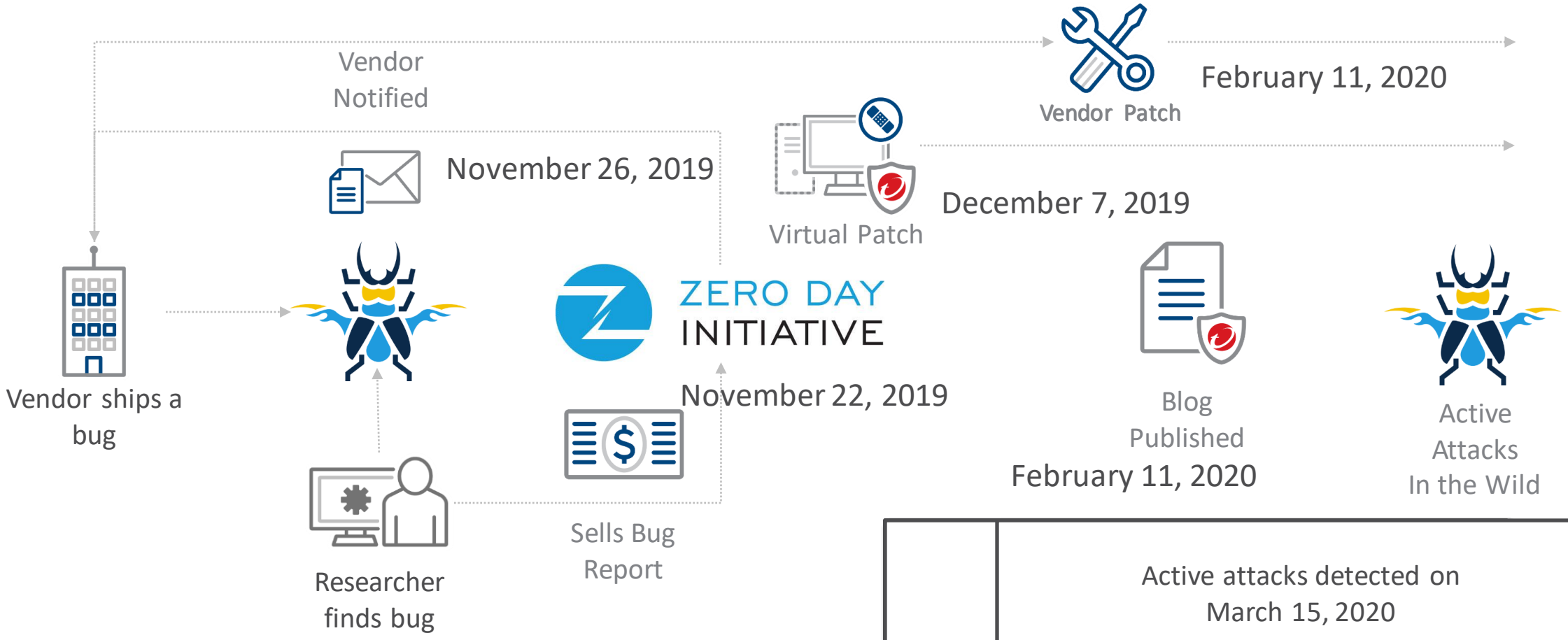
Case Study – CVE-2020-0688



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What happens to unpatched IT infrastructures?

Window to Patch Very Small

Attack overview

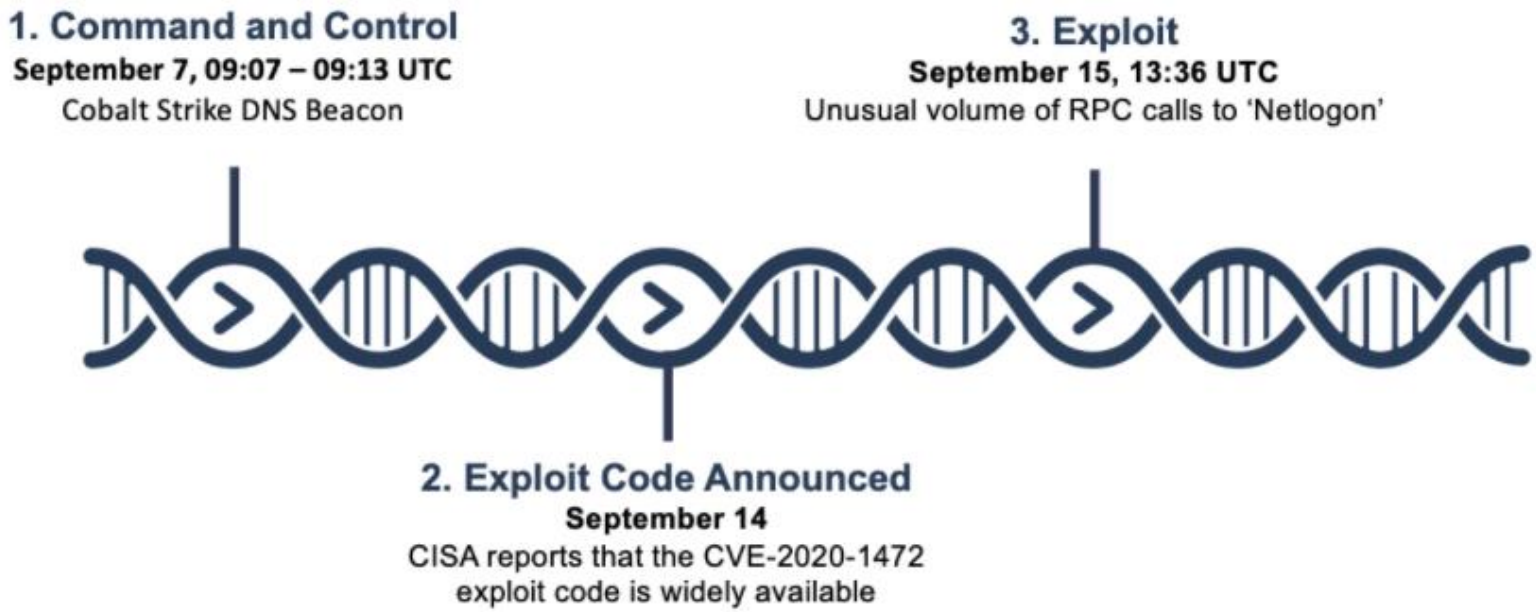

Figure 1: A timeline of the attack

https://www.trendmicro.com/en_ca/what-is/zerologon.html

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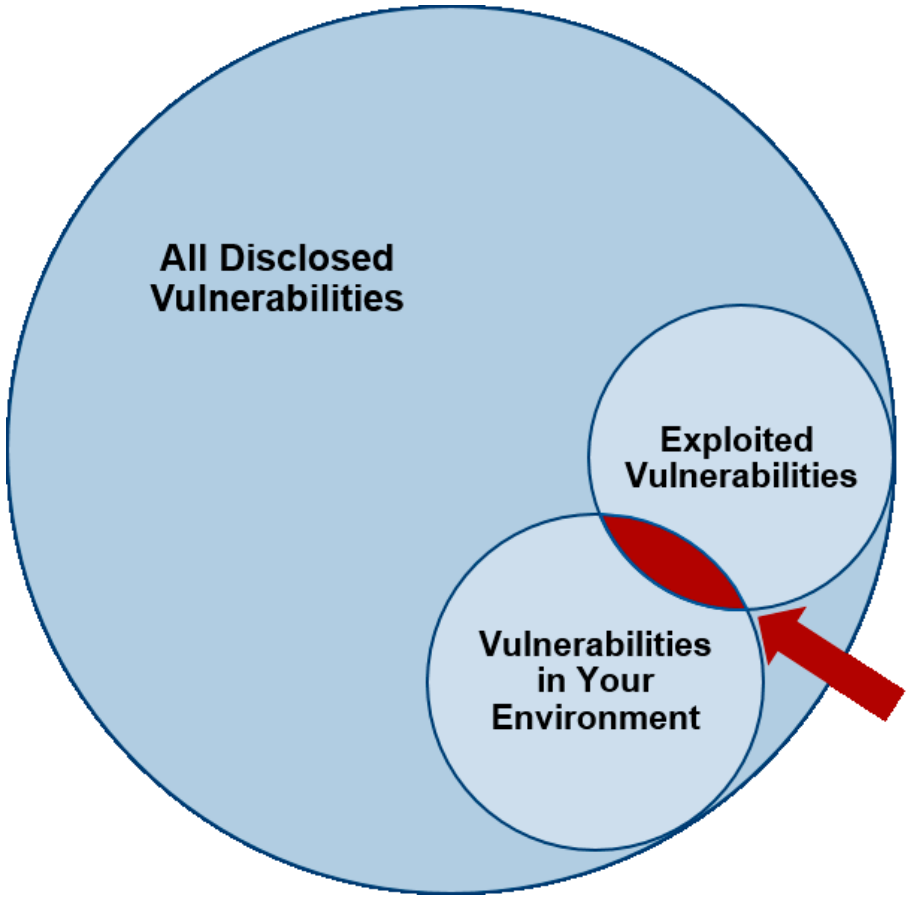
Prioritize and defend against the latest threats

Prioritizing vulnerabilities

(Source: 2019 Gartner)

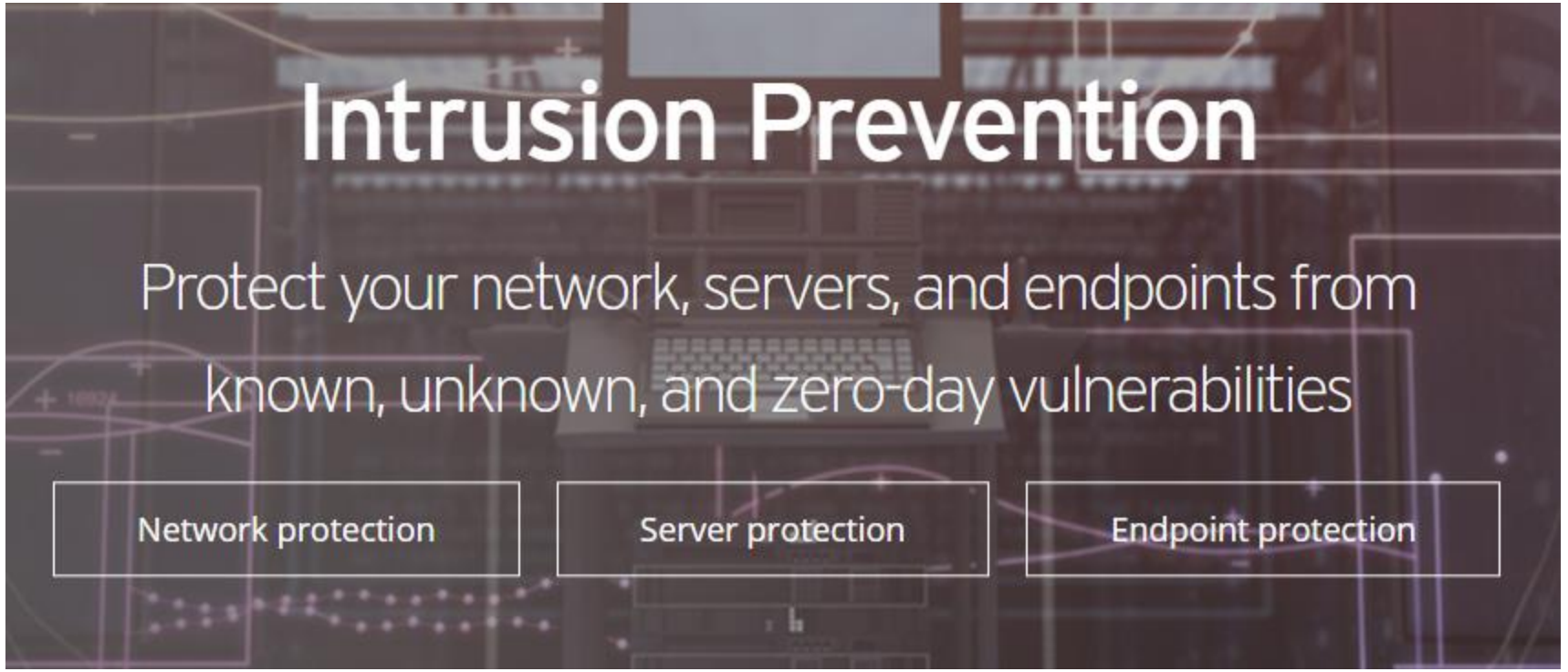
Addressing your highest security risks

- "Vulnerabilities and their exploitation are still the root cause of most breaches."
- The vast majority of malware are leveraging known vulnerabilities to propagate
- How do you tune to maximize defenses with the resources you have?
- How do you prioritize the most important threats?



https://www.gartner.com/smarterwithgartner/gartner-top-security-projects-for-2020-2021/

Protect against the full range of threats



https://www.trendmicro.com/en_ca/business/capabilities/intrusion-prevention.html

Thank You!

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