Disrupt Adversaries With Vulnerability Intelligence

Rapidly Identify and Prioritize the Vulnerabilities That Matter

Vulnerabilities put your business at risk of attack. With new vulnerabilities emerging every day, it's impossible to patch everything, everywhere. If you're like most security and IT operations teams, you're spending too much valuable time and significant resources trying to prioritize and patch vulnerabilities. Without a strong handle on where to focus remediation efforts to reduce the most risk, you're dealing with:

TOO MANY VULNERABILITIES, NOT ENOUGH CONTEXT

IT operations teams are overwhelmed by the number of vulnerabilities prioritized through traditional asset criticality and severity[1] inputs. In 2019 alone, there were more than 17,000 new vulnerabilities published. Of those, nearly 60% were classified as high or critical severity. Most organizations simply patch based on these severity levels, but only 5.5% of all vulnerabilities are ever actually exploited.[2] Without context on exploit information, companies waste significant resources patching low-risk vulnerabilities, while ignoring the vulnerabilities that actually matter most.

LIMITED VISIBILITY

Most organizations have zero — or very limited — visibility into vulnerabilities that have not yet been published in the National Institute of Standards and Technology's (NIST) National Vulnerability Database (NVD). The delay between a vulnerability's first occurrence and its initial publication in NVD makes it difficult for organizations to understand which areas of their environment are at risk. To make matters worse, they often struggle to keep track of which vulnerabilities they have and haven't already patched — which leaves dangerous openings for attackers to strike.

A TICKING CLOCK

Over the years, threat actors have become faster at exploiting vulnerabilities. Today, it just takes about 15 days for an exploit to appear in the wild once a vulnerability is identified. This means security teams only have about two weeks to patch or remediate a system against a new vulnerability — or come up with a plan to mitigate the damage.

[1] https://lp.skyboxsecurity.com/rs/440-MPQ-510/images/2020_VT_Trends-Report-reduced.pdf
[2] https://www.zdnet.com/article/only-5-5-of-all-vulnerabilities-are-ever-exploited-in-the-wild/

Recorded Future:
Contextualized Intelligence to Reduce the Most Risk

Recorded Future scores vulnerability risk in real-time based on active exploitations and the availability of exploit kits. This equips IT operations teams with the context they need to prioritize patching and prevent attacks. With transparent access to the sources used to determine the risk scores, teams are empowered to make faster, more confident decisions.

Recorded Future combines a sophisticated algorithm with world-class human analysis to fuse an unrivaled range of open source, dark web, technical sources, and original research. By dynamically linking, categorizing, and updating intelligence in real time, Recorded Future creates easy-to-consume outcomes that integrate with existing security tools to support the following primary vulnerability management use cases:

VULNERABILITY PRIORITIZATION

To make rapid, informed decisions, vulnerability management teams need a way to quickly weigh the potential disruption of applying a patch against the real-world threat posed by a vulnerability. Recorded Future makes this possible by automating the collection and analysis of data from the broadest range of sources across every language. Real-time risk scoring that is based on actual exploitability enables teams to quickly reduce risk by locating, prioritizing, and patching vulnerabilities that have been, or are likely to be, weaponized in the wild. Full visibility into the reasoning behind each score justifies the mission-critical patches that the business may be otherwise reluctant to pursue.

A single-pane-of-glass view of detailed vulnerability information empowers teams to monitor for vulnerabilities being exploited and weaponized in real time. Out-of-the-box integrations with leading vulnerability management systems enable easy access to Recorded Future's elite intelligence directly within existing workflows for fast research and prioritization.

RECORDED FUTURE IN ACTION.

Scan your environment for vulnerabilities. Access Recorded Future's real-time risk scores and evidence directly alongside vulnerability scan data. Rapidly prioritize high-risk vulnerabilities and apply patches to maximize risk reduction. Additionally, research CVEs enriched with real-time context via the Recorded Future Browser Extension, and make informed, risk-based decisions on critical off-cycle patches.

MONITORING FOR VULNERABILITIES IN YOUR TECH STACK

Recorded Future provides necessary, real-time context around newly disclosed vulnerabilities based on your technologies, industry, company, and more. Identify new exploits in real time — approximately 11 days before they're catalogued in the NVD. Organizations receive real-time alerts on new vulnerabilities that directly impact their assets, and access context and evidence for deeper analysis and prioritization. Additionally, analysts are able to note remediation actions, so others in the organization have easy visibility into what has, and has not, been patched.

RECORDED FUTURE IN ACTION.

Add your key technologies to Recorded Future's watch list. Be alerted via email or the Recorded Future Mobile App when new vulnerabilities are discovered in your existing infrastructure — even before they are published in the NVD. Take action to mitigate that risk.

Take a more strategic approach to monitoring, prioritizing, and mitigating vulnerability risk. Elite security intelligence from Recorded Future delivers relevant insights, updated in real time, to equip security and IT operations teams with the vulnerability information they need — when they need it — to proactively defend against emerging attacks.

Key Features

- Evidence-backed risk scoring based on exploitation trends for fast, confident decisions
- Detailed evidence and context to justify patches
- Intelligence on vulnerabilities approximately 11 days before publication in NVD
- Instant access to intelligence from any web-based resources via the Recorded Future Browser Extension
- Integrations with leading vulnerability management solutions, such as ServiceNow Vulnerability Response

Key Benefits

IDC found that Recorded Future empowers organizations to:

- Identify threats 10x faster
- Boost overall security team efficiency by 32%
- Improve response time by 63%
- Reduce unplanned downtime by 86%

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About Recorded Future

Recorded Future delivers security intelligence to amplify the effectiveness of security and IT teams by informing decisions in real time with contextual, actionable intelligence. By analyzing data from open, dark, and proprietary sources, Recorded Future offers a singular, integration-ready view of threat information, risks to digital brand, vulnerabilities, third-party risk, geopolitical risk, and more.