

Exploit & Vulnerability Intelligence for **Vulnerability Prioritization**

The threat landscape has changed.

IBM reported the global average **cost of a data breach reached \$4.45M in 2023** - an all-time high for the report and a 15% increase over the last 3 years.

According to Mandiant, the leading cause of data breaches in 2022 was the **Exploitation of Known Vulnerabilities**, outpacing phishing for the first time.

Though VulnCheck finds only **2.25% of vulnerabilities are exploited in the wild or have weaponized exploits**, exploit weaponization has accelerated dramatically.

In 2018, vulnerabilities took almost a year to go from public disclosure to attacks in the wild. **In 2022, vulnerabilities were exploited, on average, in just 8 days.**

The \$4.45M Question

If we need to remediate the 2.25% of vulnerabilities that are going to be exploited in the wild, faster than attackers exploit them, how do we design our processes and programs to outpace adversaries?

Key challenges:

Ever-growing list of CVEs to remediate exceeds remediation capacity (staffing availability).

Vulnerabilities all scored as High or Critical by CVSS base scores, which measure severity, but are often incorrectly used as a measure of risk.

NVD often late and difficult to keep up with vulnerability response processes.

Exploit & Vulnerability Intelligence

Leverage Exploit & Vulnerability Intelligence to make better decisions on which vulnerabilities need immediate remediation.

Exploit Code

VulnCheck monitors Git repositories, including GitHub, Gitee, GitLab, BitBucket, etc., for exploit proof-of-concept code.

Threat Actors

VulnCheck tracks hundreds of APTs, ransomware groups, botnets, etc., to know which vulnerabilities are being exploited in the wild.





Upgrade from NVD

VulnCheck is on-average 14 days faster than the NIST NVD, and includes exploit data, CVSS temporal scores, mapping to MITRE ATT&CK, etc.

More Vulnerabilities

VulnCheck covers more vulnerabilities, including library package managers, ICS/OT, Internet of Medical Things, etc.

VulnCheck Platform: Benefits at a Glance

-  **Most Exploits**
Industry's largest collection of exploit proof of concept code and evidence of exploitation in the wild.
-  **Exploitation Timeline**
Complete exploitation timeline covering when the vulnerability was first disclosed, when evidence of exploitation was first discovered, when the vulnerability was remediated.
-  **14 Days Faster than NVD**
Respond faster by having information on average 14 days ahead of the NIST NVD.
-  **Vulnerability Prioritization**
Prioritize remediation efforts on the most critical vulnerabilities, those vulnerabilities that are being actively exploited in the wild.