RiskIQ for Vulnerability & Asset Management

WHERE ARE YOUR VULNERABILITY GAPS OUTSIDE THE FIREWALL?

Recent cyber attacks and data breaches have highlighted how a single vulnerability in a public-facing asset can lead to the compromise of customer and proprietary information. With more and more businesses going digital, ensuring that systems connected to the internet are secure and running the most up to date software is critical for enterprise security. But you can't manage what you don't know about.

Vulnerability professionals need to maintain a continuously up-to-date inventory of an organization's physical and digital assets, the software and services that they're running, and the infrastructure that connects them to each other and to the internet. This inventory must include often unknown, rogue, or forgotten shadow IT resources, non-production but exposed servers, and assets that should have been inventoried—such as those part of a merger or acquisition.

However, many organizations only maintain an asset database and perform software vulnerability scans on devices that they know about and own. The problem with this approach is that many publicly-accessible systems are easy targets for hackers. Without the visibility of your digital footprint outside of the firewall, security teams don't have a complete picture of all of the possible ways into a network. This leads to vulnerable, unprotected systems, distributed denial of service (DDoS) attacks, and malware infections that can impact your employees and your customers.

30%

The amount of digital assets that RiskIQ typically discovers that are not in inventory

10-100 days

Average amount of time elapsed between vulnerability discovery and exploit[1]

739 days

Average number of days a vulnerability on a financial services website is open[2]

1 2016 Verizon DBIR

2 https://info.whitehatsec.com/rs/whitehatsecurity/images/2015-Stats-Report.pdf

THINK OUTSIDE THE FIREWALL™

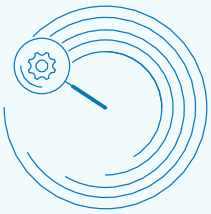
SEE YOURSELF HOW AN ATTACKER DOES

RiskIQ Enterprise Digital Footprint discovers your attack surface and exploitable attack vectors from the outside in. This provides a picture of what you look like in the eyes of an attacker performing reconnaissance. RiskIQ technology scans the entire internet to discover publicly accessible assets that belong to you, as well as digital assets across your customer and partner networks that tie back to your digital identity. These assets may include domains, IP blocks, name servers, and web servers. Once known, the platform is able to extract and report on the software that powers those assets. After identification, RiskIQ continuously scans the internet to discover new assets and alert on changes to existing assets that may indicate compromise.

RISKIQ DETECTS VULNERABLE AND COMPROMISED ECOMMERCE PLATFORMS

As an example of how RiskIQ can help protect an organization, RiskIQ recently began discovering assets online that belonged to high-profile ecommerce websites that had a vulnerable website content management system (CMS). This vulnerability allowed attackers to insert malicious code directly into the web server and harvest credit card details. Many of the organizations that were affected didn't know that their sites were running the vulnerable CMS version, nor did they realize they had been successfully compromised.

BENEFITS



Automated Discovery

RiskIQ uses exclusive crawling technology and our extensive database of passive DNS and WHOIS information to automatically discover digital assets. This same technology continuously searches for new assets as they come online and adds them to your inventory.

Continuous Visibility

The platform continuously scans your inventory of assets, providing asset and vulnerability management teams with the assurance that assets are secure, compliant, and running up to date software.

Alerts on Changes

Enable your security teams to become more proactive by automatically discovering and alerting on changes to assets that may indicate unsanctioned alteration, non-compliance, and compromise.

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