

# Establish Data-Driven Prioritization of Your Remediation Efforts with SafeBreach Risk-Based Vulnerability Management



At any given point, there could be thousands of vulnerabilities in your environment. How can your team prioritize its efforts, so the most critical vulnerabilities are addressed first? Establish an intelligent, data-driven remediation plan with SafeBreach.

## The Challenge: Too Many Vulnerabilities, Too Little Time

For your vulnerability management teams, the objectives are clear:

They need to find, prioritize, and fix vulnerabilities—before they are exploited. However, while these mandates are clear, with existing tools, they're far from simple.

Vulnerability management solutions do a good job of identifying vulnerabilities; maybe too good of a job. At any given time, they can turn up hundreds or thousands of vulnerabilities that IT teams have to address. In today's complex enterprise environments and dynamic threat landscapes, the volumes of vulnerabilities being discovered continues to expand rapidly, exceeding your team's ability to keep pace.

The problem is that there's a big difference between knowing there's a vulnerability and knowing the real risk it may pose to the business. While vulnerability management solutions offer severity scores and rankings, these metrics don't offer an accurate picture of the actual risk vulnerabilities pose to your business.

With a potential backlog of thousands of vulnerabilities, how can your team knowledgeably determine how to prioritize the list? How do you know which vulnerability is most likely to be targeted? Further, how do you know whether an attacker targeting the vulnerability will succeed, and, if they do, what the potential damage to the business will be?

To address this gap, some vulnerability management solutions feature integrations with threat intelligence platforms. These integrations can provide insights into the threat landscape, attacks being waged, and the vulnerabilities being exploited. However, these approaches fail to provide a clear view of whether, and how, threats actually pose a risk within your specific environment.

**Organizations content with the following implications to prioritize vulnerability patching:**

### Inefficiency and waste

With limited intelligence regarding risk, teams waste time and effort on addressing unnecessary patching efforts, and spend too much time in firefighting mode, reacting to incidents after the fact.

### Vulnerability Risk

On a constant basis, teams may be missing critical vulnerabilities, leaving the business exposed to breaches, failed audits, and penalties associated with non-compliance.

### Planning and budgeting

Siloed, cryptic data makes it difficult for executives to understand risk and manage budgets for security programs.

## The Solution: Risk-Based Vulnerability Management from SafeBreach

To effectively and intelligently assess cyber risk, your teams must gain the insights needed to understand which vulnerabilities pose the biggest risk to the business, so you can apply limited time and resources to the vulnerabilities that matter most.

SafeBreach delivers a leading risk-based vulnerability management solution that addresses this requirement. SafeBreach integrations and core capabilities deliver these vital capabilities to help your rate your cyber risk:

# New Risk-Based Vulnerability Management Model



Through its integration with leading threat intelligence solutions, SafeBreach makes it easy to collect data on attacks being waged against enterprises around the world and test them against your security controls.

Through its integration with leading vulnerability management solutions, SafeBreach correlates vulnerability scans with attack simulation results to identify vulnerabilities that are exploitable within your enterprise.

The SafeBreach solution safely executes attacks within your environment, so you can identify your most critical risks and required remediation steps. The solution runs thousands of attack simulations, testing all steps of a potential attack lifecycle. Further, you can run these tests after remediation efforts to ensure vulnerabilities have been eliminated.

## Harness Targeted, Actionable Insights

With its integrated capabilities, SafeBreach delivers the correlated intelligence you need to determine:

- Which threats are actually being observed in enterprises.
- What type of systems and business assets within your organization are exposed, and what level of risk they pose to the business.
- Whether your existing controls will effectively thwart the threats.

## Establish Intelligent Prioritization

The SafeBreach solution enables you to establish intelligent, data-driven prioritization of your vulnerability management efforts. Establish a patch management plan that prioritizes efforts based on the specific risks posed to the business. Deliver the visibility and intelligence that decision-makers need to formulate optimal security plans, budgets, and investments.

## Harden Your Defenses

With SafeBreach, you can gain the capabilities you need to harden your defenses, with maximum speed and efficiency. Fix the vulnerabilities that pose the biggest business risk first. Focus remediation on the locations that have the greatest risk of exploitation by attackers. Rather than simply providing generic data about known vulnerabilities and threats, SafeBreach helps you find out exactly where your most critical vulnerabilities are.

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Now, you can take the guesswork out of vulnerability management—with SafeBreach. Ensure your team has the visibility it needs to address the organization's most critical vulnerabilities first, so you can maximize your safeguards against devastating breaches.

**To learn more about SafeBreach**