



Cisco Secure Application

Delivering business risk observability for cloud environments

Applications are the front door for virtually every digital business and organizations are constantly under pressure to accelerate digital transformation projects. Today's market leaders are driven by apps, but the shift to modern, distributed applications can expand the attack surface, leaving organizations more vulnerable than ever.

According to RedHat, 93% of companies experienced a Kubernetes® security incident within the last 12 months.¹

To avoid costly delays that can damage revenue and brand reputation, organizations must have visibility of each new vulnerability plus the insights needed to prioritize remediation based on the potential business impact.

In 2023, the global average cost of a data breach was \$4.45 million², which represents a 15% increase over the past three years. In the United States, those costs are double — averaging \$9.44 million.

Cisco Secure Application, built on the Cisco Full-Stack Observability Platform, helps organizations secure cloud native applications based on real-time vulnerability analytics and business risk observability. By uniquely adding business context to security findings, Cisco helps organizations rapidly assess risk, prioritize action and remediate security issues based on potential impact.

Locate and highlight security issues across application entities

Visibility into modern distributed applications is key when it comes to operating in a world where it's increasingly difficult to sort through various data sources and map priorities to what matters most. Cisco Secure Application helps teams easily and quickly correlate security issues across application entities to address vulnerabilities and protect the bottom line.

With Cisco Secure Application, you gain a comprehensive overview of security issues — and the granular details to understand where and how a vulnerability impacts critical areas of your application. It also groups and filters vulnerabilities found across business transactions, services, workloads, pods or containers and delivers a prioritized list of vulnerabilities affecting the business areas you care about most. With Cisco Secure Application, teams can locate and address log-related data leakage issues across their cloud native environment to improve overall security posture and reduce data security risk.

¹ Red Hat Blog. The State of Kubernetes Security in 2022. [Link to blog.](#)

² IBM. Cost of Data Breach 2022. [Link to report.](#)

Prioritize issues with business risk scores

In the constantly evolving security landscape, organizations are scrambling to keep up with long lists of issues that must be addressed. Cisco Secure Application helps by providing a business risk score for business transactions automatically so teams can easily prioritize security issues based on application context, business impact and the latest security intelligence. The score enables technologists to identify the most pressing risks, avoid delays and accelerate responses across teams.

Shift from reactive to proactive and minimize risk with a contextual and automated business risk score that incorporates:

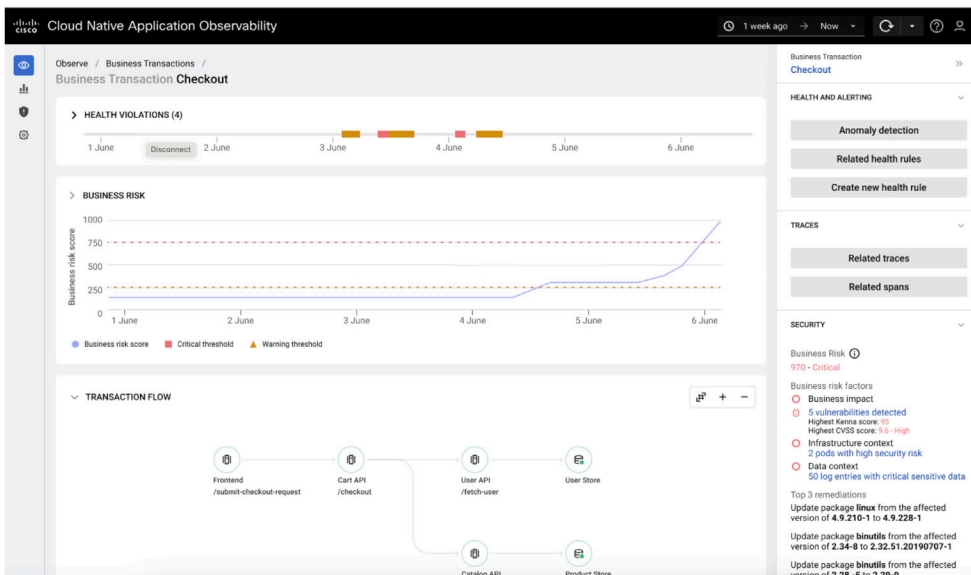
- Data sensitivity information and transaction importance based on business context.
- Discovery of insecure Kubernetes configurations and runtime container vulnerabilities.
- A comprehensive view of the potential impact of each vulnerability and the criticality of each security issue.

Accelerate response with remediation guidance

Every moment counts when identifying and implementing a remediation plan as quickly as possible to avoid reputation and revenue impact to your business. Cisco Secure Application allows you to accelerate mitigation of security issues with prioritized and real-time remediation guidance. Harnessing the power of Cisco products, it provides actionable recommendations regarding runtime container vulnerability remediation, tools for masking sensitive data (like credit card numbers) and vulnerability context that goes beyond the traditional CVSS scores by measuring exploitation predictability and the associated risks.

Protect what matters

Cisco Secure Application helps organizations bring applications and security teams together to secure deployments of modern applications. Teams have expanded visibility and intelligent business risk insights to better prioritize and respond in real-time to revenue-impacting security issues and reduce overall organizational risk.



Secure your applications like never before.

Learn more about how our solutions can meet your needs. Whether you're ready to get started or still have more questions, we'd love to hear from you.

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