Data Security module for Cisco Secure Application

Delivering automated data security in the cloud native world

Data is at the core of nearly every business and is considered one of the most valuable resources in today's digital world. As AI initiatives take off across the globe, the volume of data is growing exponentially, but this uptick of data creation and usage also amplifies the need for organizations to ensure they handle data responsibly and adhere to increasingly stringent data regulatory standards.

In 2023, the global average cost of a data breach was $4.45 million[1], which represents a 15% increase over the past three years. In the United States, those costs are double — averaging $9.44 million.

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

The Data Security module, built on Cisco Secure Application — a standalone Cisco Observability Platform application, provides organizations with deep visibility and actionable insights to effortlessly secure and protect data. By uniquely providing context-driven insights, Cisco helps organizations identify, classify, prioritize, and mitigate risks and vulnerabilities along with helping to ensure compliance with data protection regulations.

Automatically discover and classify data at scale

Organizations are ultimately responsible for safeguarding the sensitive data they handle, such as customer information, intellectual property, financial records, and employee details. The Data Security module helps identify where critical data resides, how it is being used, and who has access to it, which enables organizations to ensure that sensitive information is adequately protected.

With the Data Security module, technologists gain a clear view of their data to easily identify potential security risks. It discovers and classifies sensitive data to easily pinpoint data stores and data entities, and quickly focuses on securing sensitive data. With the Data Security module, teams can identify security risks by automatically detecting unencrypted buckets, dormant risky users, and siloed unused data entities to reduce their overall security risk posture. The module also helps teams attain comprehensive visibility directly into their data stores to uncover a holistic view of data use across the organization.

[1] IBM. Cost of Data Breach 2023. Link to report.

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Secure your data from internal and external threats and ensure compliance with data protection regulations

Most businesses operate under strict regulatory frameworks that dictate how data must be handled and protected such as the GDPR, HIPAA, and PCI DSS. Gaps in compliance with these regulations can result in damage to a company's reputation, legal consequences, and significant fines. The Data Security module helps businesses maintain an up-to-date understanding of its data security posture to ensure compliance with these regulations.

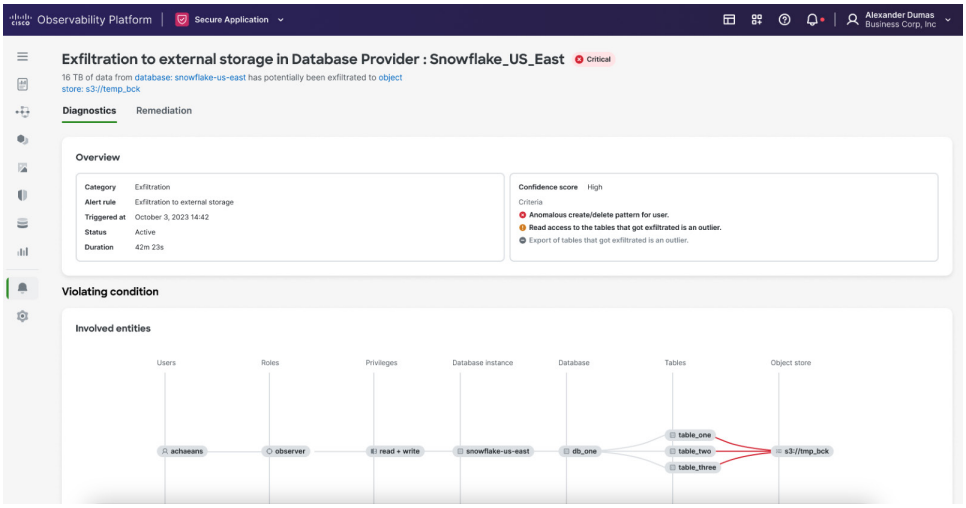
The Data Security module helps teams understand which users, roles, and applications are accessing data and who has access to personally identifiable information (PII). The module allows organizations to seamlessly adopt a least privilege approach by detecting unused privileges and locking down access to data stores. It also provides AI-powered exfiltration attempt detection to alert security teams to take immediate action. With the Data Security module, teams can easily view and mitigate compliance violations, along with gaining visibility into their existing data access controls to expedite compliance gap analysis and quickly adhere to data regulatory standards.

Unlock AI-powered guidance to Address your most pressing security issues

Today's organizations need to assess risks accurately and prioritize resources to address the most critical vulnerabilities. The Data Security module helps organizations quickly identify the scope of a security issue, the data affected, and the necessary guidance to mitigate the impact. With the Data Security module, technologists can quickly prioritize and address security issues with alerting support, getting the right information to the right people at the right time. It also provides AI-powered data exfiltration remediation guidance, so teams can quickly remediate issues before they affect the bottom line. The Data Security module uncovers crucial insights into what happened and how to prevent the same security issue in the future with root cause analysis.

Protect what matters most

The Data Security module helps organizations safeguard sensitive information, meet requirements to adhere to strict data regulations, and identify and remediate security issues quickly to minimize potential damage. Utilizing the Data Security module, teams can secure and control their data easily, so they can focus on unlocking the full potential of data to innovate faster than humanly possible.



Secure your data like never before

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

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