Cloud Security for a Leading American Healthcare Technology Company

Case Study

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Discover how we strengthened the cloud security of a digital health insurance marketplace, ensuring robust protection, compliance, and customer trust.

- Enhanced cloud security posture with comprehensive measures
- Achieved compliance with industry regulations
- Reduced risk exposure and fortified customer confidence

Overview

A leading American healthcare technology company, specializing in a digital health insurance marketplace, engaged our team to bolster its cloud security posture. Serving millions nationwide, the company needed to manage evolving cyber threats, secure sensitive data, and maintain compliance across its expanding cloud-based infrastructure and network.

Challenges

- Ensuring effective security across a growing cloud environment amidst evolving threats and compliance requirements.
- Safeguarding sensitive customer data hosted on multiple cloud applications to maintain trust.
- Identifying and mitigating vulnerabilities in a complex network infrastructure to prevent breaches.
- Meeting stringent industry standards to ensure data privacy and regulatory adherence.

Solution

- **Cloud security posture management (CSPM):** Deployed a CSPM solution to continuously monitor and assess the company's cloud environment for misconfigurations, compliance violations, and potential security risks.
- **Firewall assurance manager:** Implemented a firewall assurance manager to ensure the effectiveness of firewall policies and configurations, enhancing network security and minimizing the attack surface.
- **Network vulnerability assessment and penetration testing:** Conducted comprehensive external and internal network vulnerability assessments and penetration tests to identify and remediate vulnerabilities in the company's network infrastructure, proactively addressing potential security threats.
- **Web application testing:** Conducted thorough security testing for 10 critical web applications to identify and remediate vulnerabilities, ensuring the integrity and security of customer-facing platforms.
- **Privileged access management:** Implemented robust privileged access management controls to restrict access to sensitive systems and data, reducing the risk of unauthorized access and insider threats.

Results

- **Enhanced security posture:** By addressing vulnerabilities and misconfigurations, the organization strengthened its security posture across its cloud infrastructure and network environment.
- **Improved compliance:** The implementation of CSPM and other security solutions helped the firm achieve and maintain compliance with industry regulations and standards, ensuring data privacy and adherence to regulatory requirements.
- **Reduced risk exposure:** Proactive vulnerability management and privileged access controls significantly reduced the risk of security breaches and data compromises, enhancing overall risk management for the company.
- **Enhanced customer trust:** With a fortified security infrastructure, the company demonstrated its commitment to protecting customer data and maintaining the trust of its user base, which in turn fostered long-term customer relationships.

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For more information, please contact: **info@zensar.com | www.zensar.com**