Policy, Legal, Ethics, and Compliance

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Web application security has been regarded as a significant element in web application development, and often it is underestimated in different organizations. Web application security is supposed to be the essential priority when it comes to the development of commercial applications. Commercial web applications are crucial and should be incorporated with the required security to ensure that the applications can improve security in an organization and not get hacked easily. Hence, an organization needs to consider the different methods that can be used to improve web application security.

The first way an organization can improve web security is by following and studying the different web application security blogs. “It is important for an organization to focus on brushing up on the different security tactics” (Andrian & Fauzi, 2020). Exploring the different reputable web application security blogs is essential to learn more as the technology changes with time. The second approach for improving web application security is through backing up additional organizational data. If a security breach or malware infection occurs in an organization, the organization should restore its operations effectively.

Another meaningful way an organization can improve its web application security is by regularly scanning the website for different vulnerabilities. “Security checks and scanning are supposed to be done regularly for ensuring that the organization can stay on top of the web application security and the services are delivered as required” (Durai, Subha & Haldorai, 2020). An organization needs to perform scans after every change made to the application. Fourthly, an organization can focus on improving its web application security through investing in different security experts. This is featured as one of the best practices for web application security that helps to improve safety. It is very hard for an organization to stay on the top if it lacks the required experts to improve security. Security experts are essential for conducting security audits, monitoring the web application, and scanning the website for different security vulnerabilities.

Fifthly, an organization needs to invest in updating its website all the time. In an organization, an organization can improve its operations by keeping its software updated all the time. This is important as it ensures that the organization can improve its software security all the time. Another significant way of improving safety is through the use of web application security platforms such as patchstack. “These platforms are important for protection and monitoring of the web application” (Kumar et al., 2020). This is very significant for developers in an organization. The platform is essential for ensuring that the entire client portfolio is protected and cannot be hacked. Therefore, the protection web application saves time and money and helping out the organization to stand out in the market. Security is essential and ensures that the organization can operate efficiently to meet its different demands. The different web application security platforms are important as they are known for automating the different updates for vulnerability checking in an organization, monitor vulnerability in a software and also alerting incase there is anything occurrence on the website.

References

Andrian, R., & Fauzi, A. (2020). Security scanner for web applications case study: Learning management system. *Jurnal Online Informatika*, *4*(2), 63-68.

Durai, K. N., Subha, R., & Haldorai, A. (2020). A Novel Method to Detect and Prevent SQLIA Using Ontology to Cloud Web Security. *Wireless Personal Communications*, 1-20.

Kumar, R., Khan, A. I., Abushark, Y. B., Alam, M. M., Agrawal, A., & Khan, R. A. (2020). A knowledge-based integrated system of hesitant fuzzy set, ahp and topsis for evaluating security-durability of web applications. *IEEE Access*, *8*, 48870-48885.