FortiWeb and IBM Security AppScan

Web Application Vulnerability Scanning and Virtual Patching

Virtual patching is an excellent method to protect applications until their vulnerabilities can be permanently fixed by developers. IBM and Fortinet now offer an integrated solution that scans applications for vulnerabilities with IBM Security AppScan and then protects them with FortiWeb's Virtual Patching. Once a vulnerability is discovered it is protected by FortiWeb instead of issuing disruptive emergency patches or worse, waiting weeks or even months for the developers to deploy a new release while the application sits unprotected.

FortiWeb's virtual patching uses a combination of sophisticated tools such as URLs, parameters, signatures, HTTP methods and others to create a granular rule that addresses each specific vulnerability discovered by IBM Security AppScan. With this multi-faceted approach to rule creation, FortiWeb minimizes the possibility that a scanner-based rule will trigger false positives and won't impact overall WAF performance.

Virtual Patching won't take the place of the traditional application development process, however it can create a secure bridge between the time a vulnerability is discovered and the time a software release is issued to address it. In cases where it may not be possible or practical to change the application code, such as with legacy, inherited and third-party applications, FortiWeb's virtual patching can provide a permanent security solution for vulnerabilities.

Using IBM Security AppScan to uncover application vulnerabilities provides industry-recognized accuracy and false positive avoidance in web application threat assessments. FortiWeb complements IBM Security AppScan with granular application

About Fortinet

Fortinet (NASDAQ: FTNT) protects the most valuable assets of some of the largest enterprise, service provider and government organizations across the globe. The company's fast, secure and global cyber security solutions provide broad, high-performance protection against dynamic security threats while simplifying the IT infrastructure. They are strengthened by the industry's highest level of threat research, intelligence and analytics. Unlike pure-play network security providers, Fortinet can solve organizations' most important security challenges, whether in networked, application or mobile environments - be it virtualized/cloud or physical. More than 210,000 customers worldwide, including some of the largest and most complex organizations, trust Fortinet to protect their brands. Learn more at http://www.fortinet.com, the Fortinet Blog or FortiGuard Labs.

protection rules that take the imported vulnerability results and provide immediate mitigation with the same level of accuracy. This granular virtual patching is able to maintain application security until the development teams are able to fully deploy permanent fixes in the application code. It can also extend the windows between
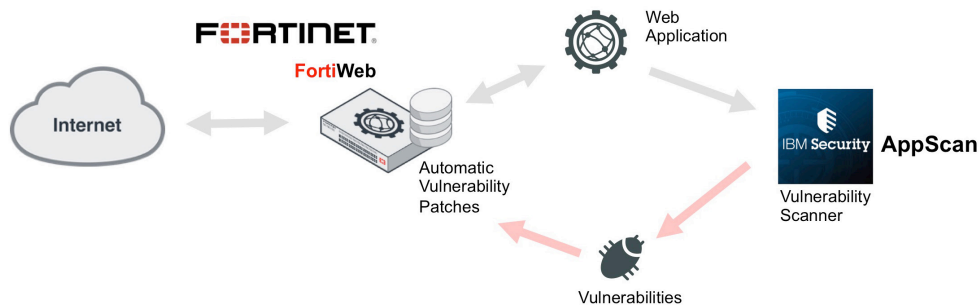
IBM Security AppScan scan results are imported into FortiWeb; then FortiWeb Virtual Patching automatically creates new rules to protect against newly discovered vulnerabilities.

security patches to minimize disruptions to the organization and its users.

Benefits

Using FortiWeb with IBM Security AppScan gives organizations:

- Less disruptions due to emergency fixes and test cycles by virtually patching vulnerabilities until they can be permanently fixed.

- Reduced risk of exposure to threats between the time a threat is discovered until it is fixed by developers.

- Protection for legacy, inherited and third-party applications where development fixes aren't an option or are impractical.

- More stability in application security patches, as developers have more time to properly fix code vs. issuing emergency patches that haven't had time to be fully tested.

- Minimized false detections based on accurate and verified web application firewall alerts by IBM Security AppScan.

- More accurate FortiWeb reporting and identification of attempts to exploit vulnerabilities discovered by IBM Security AppScan.

- Additional flexibility and granular management of FortiWeb's Web Application Firewall policies based on scanning results.

- An enhanced solution that exceeds PCI DSS 6.6 compliance standards.

About IBM Security

IBM's security portfolio provides the security intelligence to help organizations holistically protect their people, data, applications and infrastructure. IBM offers solutions for identity and access management, security information and event management, database security, application development, risk management, endpoint management, network security and more. IBM operates the world's broadest security research and development organization and delivery organization. For more information on IBM security, please visit: www.ibm.com/security.

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