tenable.io®
Web App Scanning

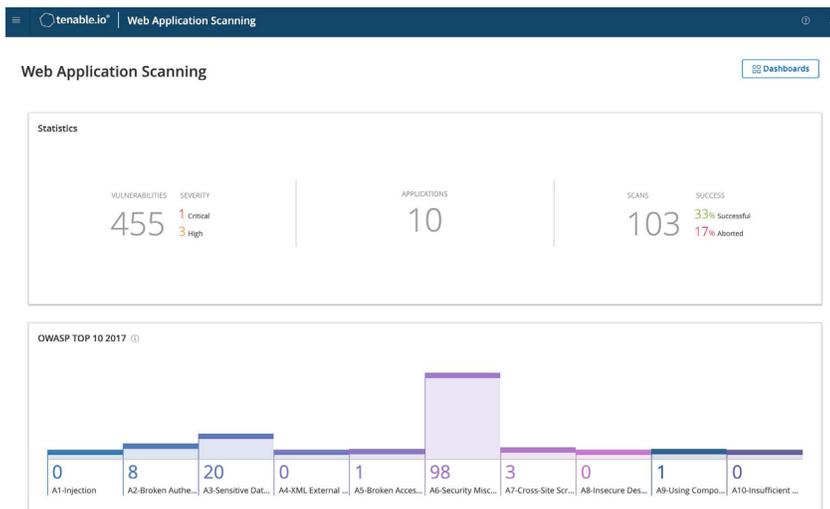# A Simple, Scalable Approach to Dynamic Application Security Testing

Modern web applications continue to be a challenge for organizations to secure as developers build increasingly complex business applications faster than ever. Many organizations are releasing new or updated web applications multiple times per day, each containing multiple vulnerabilities on average. Often outnumbered by developers by 100:1, security teams are struggling to keep up, and many web applications are not assessed for security issues until it's too late. Lack of application security skills and resources inhibit many organizations from adequately defending against cyberthreats.

But yet another standalone security product isn't the answer. Security leaders must have visibility into the security of all of their web applications as part of a comprehensive Cyber Exposure solution to gain a complete view of their security and compliance posture.

Whether purchased as a standalone module to Tenable.io, or as a core component of the Tenable Exposure Platform (Tenable.ep), Tenable.io Web Application Scanning provides this visibility as part of a comprehensive Cyber Exposure solution. The product delivers safe and automated vulnerability scanning to that can easily scale to cover the entire online portfolio, so security professionals can rapidly assess their web applications without heavy manual effort. Tenable.io Web Application Scanning provides high detection rates with minimal false positives, ensuring you understand the true cyber risks in your web applications.

Tenable.io Web Application Scanning allows security teams to view identified vulnerabilities to ensure visibility and prioritize remediation.

Key Benefits

- **Improve Scanning Confidence**
  Deliver highly accurate results with minimal false positives and negatives, giving you and your developers confidence that your reports are accurate.

- **Reduce Manual Work Efforts**
  Low-touch automated scanning allows you to understand your web application security risks as your environment changes without the manual effort and time otherwise needed.

- **Remove Security Blind Spots**
  Scan all of your applications, including those built using modern web frameworks, such as JavaScript, AJAX, HTML5 and Single Page Applications.

- **Rapid Security Assessments**
  Deliver immediate value with fast web application scans to discover common security hygiene issues that run in two minutes or less.

- **Reduce Product Sprawl**
  Gain visibility into your true cyber risks across your modern attack surface as part of the Tenable Cyber Exposure platform to decrease complexity and product sprawl.

Key Capabilities

Understand Your Web Applications

Tenable.io Web Application Scanning helps you understand the page structure and layout of your web applications. The overview scan provides you with the key basic findings in a short period of time so you can better plan for a full assessment.

Advanced Dashboard Capabilities

Dashboards in Tenable.io Web Application Scanning give you "at-a-glance" visibility into scanned web applications. View vulnerabilities over time and based on risk level, OWASP Top 10 security issues, and descriptions of all vulnerabilities with detailed remediation instructions for developers. Pre-configured executive summary dashboards allow you to share critical business-level details with leadership. Customizable dashboards help you clearly communicate application security metrics that matter most to your team.

Safe Scanning of Web Applications

In order to prevent performance latency and disruptions, it's important to define parts of critical web applications that are safe to scan and define other parts that should never be scanned. With Tenable.io Web Application Scanning, you can exclude parts of the web application to be scanned by providing the URLs or file extensions to be excluded from the scan, ensuring the scanner is non-intrusive.

Automated Web Application Scanning

With the scarcity (and cost) of security professionals, it's important to find solutions that offer automation to help alleviate the lack of security resources. Tenable.io Web Application Scanning allows you to simply and rapidly assess all of your web applications with a highly automated solution that reduces your manual work effort.

Coverage of Modern Web Application Frameworks

Legacy web app scanners can't keep up with the modern applications that have exploded in development today. Tenable.io Web Application Scanning is not only able to scan traditional HTML web applications, but also supports dynamic web applications built using HTML5, JavaScript and AJAX frameworks, including Single Page Applications.

Rapidly Detect Cyber Hygiene Issues

Tenable.io Web Application Scanning provides two pre-built scanning templates for common and potentially costly web application misconfigurations. The SSL/TLS Scan checks for invalid, expiring or improperly issued certificates that trigger browser warning messages and user bounce rates. The Config Audit Scan checks for overly descriptive responses to HTTP calls that provide valuable reconnaissance information to would-be hackers. Both scans complete in several minutes for near-immediate results.

3rd-Party Component Scanning

Web applications comprise up to 85% third-party and open source components, including Content Management Systems, web servers and language engines, that often contain dangerous vulnerabilities. Tenable.io Web Application Scanning can identify third-party components in an application and assess them for vulnerabilities as part of a comprehensive web application scan.

Advanced Authentication Support

Many web applications implement authentication to control access to sensitive user data, which can inhibit the ability for vulnerability scanners to assess the application. Tenable.io Web Application Scanning supports a broad range of authentication options, such as form-based authentication, cookie-based authentication, NTLM support, and Selenium-based authentication, to address most web application requirements.

Unified Web App Scanning and Vulnerability Management

Tenable.io Web Application Scanning delivers comprehensive and accurate web application scanning as part of a seamless Tenable Cyber Exposure platform experience so you can gain a complete view of your security and compliance exposure. This helps eliminate data silos and minimize the burden of product sprawl, so you can understand your cyber risk and protect your organization with one solution.

For More Information: Please visit tenable.com
Contact Use: Please email us at sales@tenable.com