



# tenable.io™

## Web Application Scanning

### A Modern Approach to Dynamic Application Security Testing

Modern web applications continue to be a challenge for organizations to secure, with developers building increasingly complex business applications that result in security blind spots. Unknown vulnerabilities leave the door open for attackers. Given the explosion in app development, many organizations are struggling to keep up, resulting in applications that could leave highly sensitive data open to compromise. But yet another standalone security product isn't the answer; security professionals must have visibility into the security of their web applications as part of a comprehensive vulnerability management solution, to gain a complete view of their security and compliance exposure.

Tenable.io™ Web Application Scanning provides this visibility as part of a comprehensive vulnerability management solution. The product delivers safe and automated vulnerability scanning 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 risks in your web applications.

### Key Capabilities

#### *Understand Your Web Applications*

Tenable.io Web Application Scanning helps you understand the sitemap and layout of your web applications. You can perform a crawl that shows you parts of the web application that the scanner sees, providing more detailed information about the web applications you own.

#### *Scan Web Applications Safely*

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.

### Key Benefits

- **Improves confidence with highly accurate scanning:** Tenable.io Web Application Scanning has high accuracy with minimal false positives and negatives, giving you confidence that your reports are accurate.
- **Automates scanning to reduce manual work efforts:** Automated scanning allows you to understand your security risk without the manual effort and time otherwise needed.
- **Reduces product sprawl as part of a comprehensive VM solution:** Part of the Tenable.io platform, Tenable.io Web Application Scanning allows you to gain visibility into vulnerabilities so you understand your true risk across all types of assets without complexity or product sprawl.
- **Eliminates the risk of disruptions and delays caused by intrusive scans:** Before web application scanning can begin, it's necessary to ensure no disruptions or performance latency will occur in critical web applications due to scanning. Tenable.io Web Application Scanning allows you to define the parts of your web applications that are safe to be scanned.

The screenshot shows the Tenable.io interface for a 'Basic Scan'. The main table lists the following vulnerabilities:

| Sev    | Name                                | Family                     | Count |
|--------|-------------------------------------|----------------------------|-------|
| High   | Blind SQL Injection (timing attack) | Injection                  | 2     |
| High   | Cross-Site Scripting (XSS)          | Cross Site Scripting       | 2     |
| High   | SQL Injection                       | Injection                  | 2     |
| High   | Cross-Site Request Forgery          | Cross Site Request Forgery | 1     |
| Medium | Unencrypted password form           | Authentication & Session   | 8     |
| Medium | Common directory                    | Web Servers                | 6     |
| Low    | Password field with auto-complete   | Authentication & Session   | 6     |
| Low    | Private IP address disclosure       | Data Exposure              | 4     |
| Low    | Common sensitive file               | Web Servers                | 2     |
| Low    | Common administration interface     | Web Applications           | 1     |
| Info   | Missing 'X-Frame-Options' header    | Web Applications           | 1     |
| Info   | Interesting response                | Web Applications           | 25    |
| Info   | Allowed HTTP methods                | Web Applications           | 1     |
| Info   | HTML object                         | Web Servers                | 1     |
| Info   | Scan Information                    | General                    | 1     |

The 'Scan Details' sidebar shows: Name: Basic Scan, Status: Completed, Policy: Basic Web App Scan, Scanner: US Cloud Scanner, Start: May 22 at 2:59 PM, End: May 22 at 6:43 PM, Elapsed: 4 hours.

The 'Vulnerabilities' donut chart shows the following distribution: High (orange, 10%), Medium (yellow, 20%), Low (green, 20%), and Info (blue, 50%).

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

### Automated Web Application Scanning

With the scarcity (and cost) of security professionals, it's important to find solutions that offer automation that can help alleviate the lack of security talent. 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.

### Integrate Web App Scanning with the Broader VM Solution

Part of the Tenable.io platform, Tenable.io Web Application Scanning delivers vulnerability scanning that covers your entire online portfolio. By bringing comprehensive and accurate web application scanning into the Tenable.io platform, you can gain a complete view of your security and compliance exposure. This helps eliminate silos and minimize the burden of product sprawl, so you can understand your security risk and protect your organization with one solution.

### Coverage of HTML5 and AJAX Web Applications

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 includes modern web applications built using HTML5 and AJAX frameworks.



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