Web Application Security Tools & Scanner Applications

A **web application security** scanner is program which communicates with a web application through the web front-end in order to identify potential security vulnerabilities in the web application and architectural weaknesses. It performs a black-box test. Unlike source code scanners, web application scanners don't have access to the source code and therefore detect vulnerabilities by actually performing attacks.

A **web application security scanner** can facilitate the automated review of a web application with the expressed purpose of discovering security vulnerabilities, and are required to comply with various regulatory requirements. Like every testing tools, the **web application security scanner** is not a perfect tool, it has strength and weaknesses. Web application scanners can look for a wide variety of vulnerabilities, including:

- Input/Output validation: (Cross-site scripting, SQL Injection, etc.)
- Specific application problems
- Server configuration mistakes/errors/version

The following list of products and tools provide web application security scanner

functionality.

Commercial Tools

- Acunetix WVS by Acunetix
- AppScan by IBM
- Burp Suite Professional by PortSwigger
- Hailstorm by Cenzic
- MileScan Web Security Auditor by MileSCAN Technologies
- N-Stalker by N-Stalker
- Nessus by Tenable Network Security
- NetSparker by Mavituna Security
- NeXpose by Rapid7
- NTOSpider by NTObjectives
- Retina Web Security Scanner by eEye Digital Security
- WebApp360 by nCircle
- WebInspect by HP
- WebKing by Parasoft

SAAS (Software As A Service) Providers

- AppScan OnDemand by IBM
- ClickToSecure by Cenzic
- QualysGuard Web Application Scanning by Qualys
- Sentinel by WhiteHat
- Veracode Web Application Security by Veracode
- WebInspect by HP
- WebScanService by Elanize KG

Free Open Source Tools

- Grabber by Romain Gaucher
- Grendel-Scan by David Byrne and Eric Duprey
- Paros by Chinotec
- Powerfuzzer by Marcin Kozlowski
- SecurityQA Toolbar by iSEC Partners
- W3AF by Andres Riancho
- Wapiti by Nicolas Surribas

Online URL:
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