bugcrowd

DATA SHEET

PEN TEST AS A SERVICE

Web App Penetration Testing

Uncover hidden vulnerabilities with specialized talent

Summary

Web applications are deployed faster and more frequently than any other digital asset—thanks to the advent of Cloud and DevOps lifecycles.

Features are regularly added and removed to meet evolving user preferences, which increases code complexity and potential for error. While regular testing can help, organizations face significant trade-offs in available options: Scanners are fast, but typically, they only surface low-hanging fruit and are almost always more noisy than useful. Traditional pen test providers leverage critical human creativity, but they do so as cumbersome consulting engagements that take too long and leave you in the dark about results.

Specialized Pen Testing for Web Apps

A thorough discovery of flaws in web apps requires specialized knowledge, skills, and experience. Bugcrowd Web App Pen Testing brings the talents of a global community of security researchers, precise crowd matching via our CrowdMatch AI technology, 24/7 visibility into findings, and the vast reservoir of vulnerability data in the Bugcrowd Security Knowledge Platform™ to bear on every pen test engagement.

Key Points of Value

Start testing faster

Use the power of the Bugcrowd Platform to launch your pen test in as little as 72 hours

Rely on the right talent for the job

Our CrowdMatch AI technology sources the right team for your engagement and environment

See results in real time

Leave opaque pentesting behind. Instead, view prioritized findings as they are reported, and flow them into your SDLC for fast remediation

Every engagement includes:

- Dedicated, vetted pentesters matched by skill, experience, and performance
- Strict adherence to Bugcrowd's BugHunter Methodology™ including best practices from the OWASP Testing Guide, SANS Top 25, CREST, WASC, PTES
- Auditor report
- Support for multi-role applications with nuanced intricacies around access controls and/or tenants
- Ability to handle complex applications and features including those with payment processing, purchasing, upload, and elaborate user workflows
- End-to-end program management
- 24/7 visibility into timelines, findings, and pentester progress through their checklist via a rich dashboard
- Validation and prioritization according to Bugcrowd's Vulnerability Rating Taxonomy (VRT)

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Web Application Pen Test Methodology

Our thorough testing approach blends key organizational and operational best practices from leading industry standards, including the *OWASP Testing Guide, The Web Application Hacker's Handbook,* and Bugcrowd's community-driven Vulnerability Rating Taxonomy classifications.

Your tester team will follow multiple testing steps in each of the following categories, with you having full visibility into checklist progress via our platform's Pen Test Dashboard:

- Information Gathering
- Configuration & Deploy Management Testing
- Identity Management Testing
- Authorization Testing
- Cryptography
- Authentication Testing
- Data Validation Testing
- Error Handling
- Client Side Testing
- Business Logic Testing
- Session Management Testing

Examples of tools used include

- BeEF
- Browser
- Burp Proxy
- burpy
- CacheViewer2
- Commix
- CookieDigger
- curl
- Dirb
- Dirbuster
- Dominator
- Fimap
- Firebug
- Flare
- FlashBang
- Flasm
- ForceSSL
- goracle
- Fuzzdb
- Hibernate
- HPP Finder
- Hydra
- Immunity Canvas
- Liffy
- MSF
- Mysqloit
- Nessus
- Netcat
- Nhibernate
- Nikto
- NoSQLMap
- Orascan
- PadBuster
- Pangolin
- Panoptic
- POET
- Poracle
- Power Injector
- Seclists (FuzzDB)
- Spike
- SSL Breacher
- SQLInjector
- SQLMap
- SQLninja
- SWFIntruder
- SWSFscan
- testssl.sh
- Tilde Scanner
- WebSocket Client
- Wfuzz
- Wikto
- Xenotix XSS
- XSS Proxy
- ZAP

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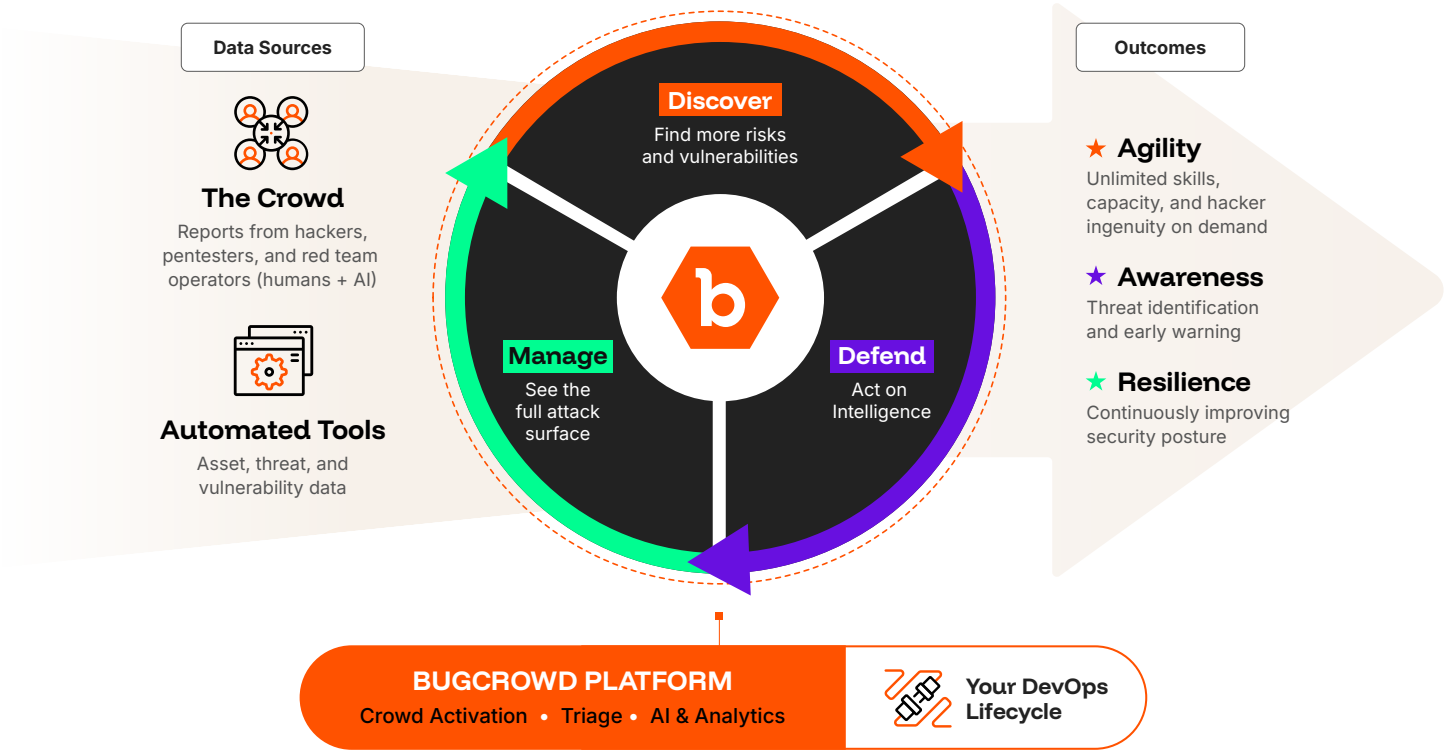
The Bugcrowd Platform



The Bugcrowd Platform fuses AI with real-time, crowdsourced intelligence from the world's top ethical hackers, pentesters, and red teamers (aka The Crowd), as well as from automated tools that generate asset, threat, and vulnerability data.

The powerful combination of human creativity and automation empowers you to continuously:

★ Agility

Augment your Team on Demand

- ✓ Attacker mindset on tap for vulnerability discovery, pen testing, and red teaming
- ✓ 350+ skill sets and certifications available
- ✓ Crowd curation and activation guided by data and AI

★ Awareness

See and Prioritize Emerging Threats

- ✓ Continuous vulnerability intake, validation, and triage at scale
- ✓ 24/7 triage coverage with same-day response for P1s
- ✓ Early warning of emerging vulnerabilities

★ Resilience

Continuously Improve Security Posture

- ✓ Actionable reporting, benchmarking, and recommendations
- ✓ Directly integrates with existing tools for change at DevOps speed
- ✓ Deep bench of solution & support specialists at your side for quick wins and long-term ROI

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Unleash Human Creativity for Proactive Security

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