PENETRATION TESTING

Mobile App Penetration Testing

Bugcrowd Penetration Testing-as-a-Service Solution

Summary

For many organizations, mobile apps have become essential for enabling workers, providing services and support, supporting transactions, and so much more. Yet, mobile apps are often particularly vulnerable, presenting potential security issues on multiple fronts, including the binary itself, as well as the APIs it leverages. Mobile apps are typically designed to collect and store more data than many web apps and run on devices that can connect to a variety of networks, including internal ones. The devices themselves can be compromised and even lost or stolen. These issues are compounded by the fact that the complete code for a mobile app is easily accessible, and an attacker needs less than 15 minutes to compromise a mobile app. Understand your exposure, and close these vulnerability windows fast with Bugcrowd Pen Testing as-a-Service for Mobile Apps.

Specialized Pen Testing for Mobile Apps

A thorough discovery of flaws in mobile apps requires specialized knowledge, skills, and experience. Bugcrowd Mobile App Pen Testing brings the talents of a global community of mobile security researchers, precise crowd matching via our CrowdMatch™ ML technology, rapid validation and triage, and the vast reservoir of vulnerability knowledge residing in the Bugcrowd Security Knowledge Platform™ to bear on every pen test engagement.

Available in as little as 72 hours, elite mobile app security researchers, managed by Bugcrowd, stand ready to deliver the following:

- ✓ Test and review the binary/app code and any related APIs and infrastructure
- ✓ Test native (both Android and iOS), web, hybrid and progressive apps for common application vulnerabilities such as insecure data storage, data leakage, improper session handling, encryption, and others.
- ✓ Identify vulnerabilities that are typically findable only through human interaction, such as business logic flaws, authentication or authorization bypasses, misconfigurations, and privilege escalation issues.

Key Points of Value

Start testing faster

Use the power of the Bugcrowd Platform and the Crowd to rapidly start your testing in as little as 72 hours.

Expert testers are matched to your requirements

CrowdMatch™ ML technology helps rapidly align the right skills and experience for the engagement.

Get real-time results

Vulnerabilities are triaged, validated, and then made available in real time via the Bugcrowd Platform and in your integrated tools of choice to enable rapid remediation.

Bugcrowd's methodology-driven approach to mobile pen testing follows common testing standards, such as OWASP, PTES, and OSSTMM. Our solutions have improved cybersecurity for organizations worldwide, including top Fortune 500 companies in dozens of industries.

Proven to Get Better Results, Faster

Bugcrowd Mobile Application Pen Testing helps organizations meet security testing and compliance requirements without compromising on results. Use the Bugcrowd Security Knowledge Platform™ and the power of the crowd to get flexible, but powerful, options for your mobile app testing needs, whether it's methodology-based or incentive-driven. With Bugcrowd, you'll have comprehensive visibility of your entire mobile app attack surface.

What You Get

In addition to expert matching, every Bugcrowd Mobile Pen Test includes the following:

✓ Options for continuous testing and traditional time-bound testing

✓ Expert triage, issue validation, and prioritization by the in-house Bugcrowd team

✓ 24/7 visibility of vulnerabilities with real-time findings via the Bugcrowd portal and integrations

✓ Advice on how to remediate discovered vulnerabilities to fix findings faster

✓ In-depth reporting to meet PCI, NIST, ISO 27001, and other compliance and regulatory standards

Issues and vulnerabilities we test for

Inadequate encryption (SSL/TLS ciphers, older protocols, and others)

Authentication and authorization bypasses (insecure implementations of OAuth, SAML, and others)

Data storage and leakage
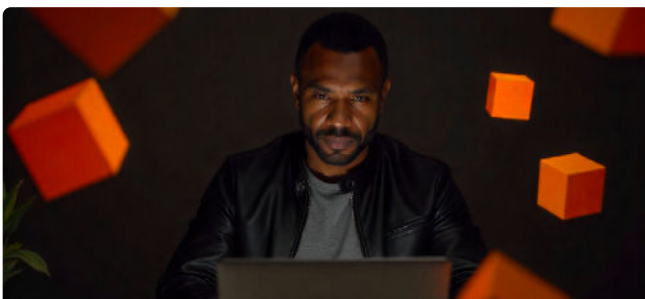
Weak or hard coded credentials or secrets

Vulnerabilities in any attached or in-scope web apps or APIs

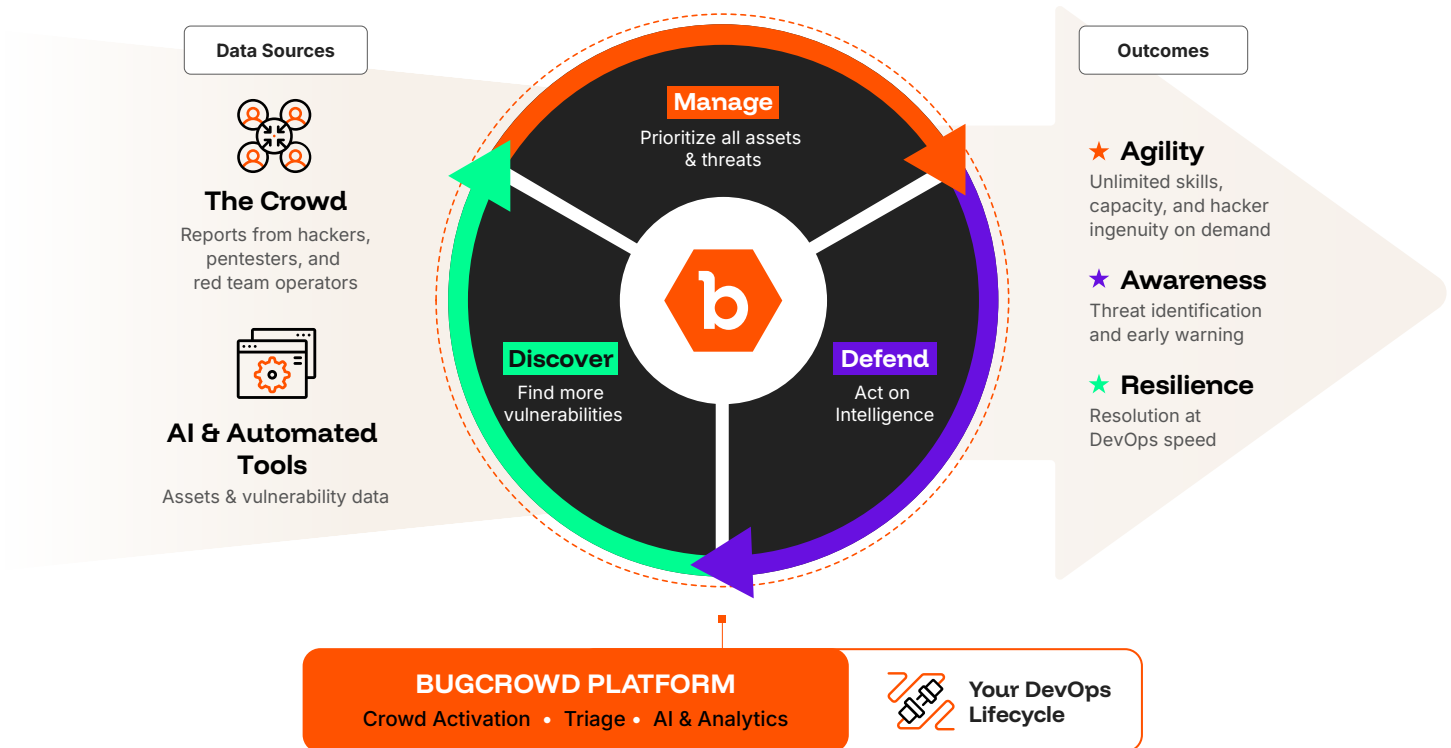OWASP Top-Ten issues, as well as those listed in the OWASP mobile testing guide

Known / public exploits

Bugcrowd Platform

Data Sources

The Crowd
Reports from hackers, pentesters, and red team operators

AI & Automated Tools
Assets & vulnerability data

Manage
Prioritize all assets & threats

Discover
Find more vulnerabilities

Defend
Act on Intelligence

Outcomes

★ **Agility**
Unlimited skills, capacity, and hacker ingenuity on demand

★ **Awareness**
Threat identification and early warning

★ **Resilience**
Resolution at DevOps speed

BUGCROWD PLATFORM
Crowd Activation • Triage • AI & Analytics

Your DevOps Lifecycle

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

mastercard   indeed   credit karma   Pinterest   NASA   ATLASSIAN

b Unleash Human Creativity for Proactive Security

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