

API PENETRATION TESTING

WHY CHOOSE MOBIUS BINARY?

APIs power today's digital economy, enabling seamless integration between applications, platforms, and services. However, if left unprotected, they also introduce significant security risks.

Mobius Binary's API Penetration Testing helps businesses uncover vulnerabilities in their API endpoints before attackers do, ensuring security, compliance, and resilience against cyber threats.

- ◇ **Global Expertise** - Over **200+** penetration testing projects completed across **16+** countries.
- ◇ **Certified Professionals** - Security experts with **OSCP, CREST CRT, GPEN, and eWPTX** certifications.
- ◇ **Industry-Leading Standards** - Testing methodologies based on **OWASP, NIST, and PTES frameworks**.
- ◇ **Advanced Attack Simulations** - Mimic sophisticated adversaries to uncover hidden security flaws.
- ◇ **Comprehensive Reporting** - Clear insights with practical remediation steps to secure your APIs.

WHAT IS API PENETRATION TESTING?

API Penetration Testing simulates real-world cyberattacks to identify vulnerabilities in API authentication, authorisation, data exposure, and business logic. We assess your APIs for misconfigurations, insecure coding practices, and potential attack vectors that could lead to data breaches or system compromise.

CLEARLY SECURE. GLOBALLY TRUSTED. ALWAYS ONE STEP AHEAD.

API PENETRATION TESTING

METHODOLOGY:

At Mobius Binary, we follow a rigorous testing methodology aligned with OWASP API Security Top 10, NIST, and PTES standards to ensure comprehensive API security evaluation.

- 1. RECONNAISSANCE** - Gather intelligence on exposed API endpoints, authentication mechanisms, and data structures.
- 2. VULNERABILITY ANALYSIS** - Identify security flaws such as broken authentication, excessive data exposure, and improper access controls.
- 3. EXPLOITATION** - Simulate real-world attack scenarios to assess the impact of discovered vulnerabilities.
- 4. REPORTING & REMEDIATION GUIDANCE** - Deliver a detailed risk assessment report with actionable security recommendations.

KEY BENEFITS



PREVENT DATA BREACHES

Identify and patch security gaps before attackers exploit them.



ENSURE COMPLIANCE

Meet regulatory standards like **ISO 27001, GDPR, PCI DSS, etc.**



PROTECT BUSINESS INTEGRITY

Strengthen security posture and maintain customer trust.



REDUCE ATTACK SURFACE

Minimise risk by securing vulnerabilities in authentication, authorisation, and data handling.



READY TO FORTIFY YOUR APIS?

Whether you need a one-time security assessment or ongoing penetration testing, Mobius Binary provides tailored solutions to safeguard your digital assets.

BECOME CLEARLY SECURE. CONTACT US FOR A THREAT SIMULATION.