



COGNISYS

PENETRATION TESTING

Web application

Uncover vulnerabilities before they become threats. Our expert team will help you safeguard your web applications with thorough, tailored testing.

The primary goal of a web application penetration test is to discover and exploit vulnerabilities that malicious actors could leverage to gain unauthorised access, disrupt services, or compromise sensitive data.

At Cognisys, we adhere to industry standards like the OWASP Top 10 while customising our approach to fit your needs—whether a comprehensive assessment or focused testing on particular features. We uncover and address security weaknesses using automated tools/scripts and expert manual techniques to ensure your applications are well-protected.

Scoping and planning

Investigation and scoping

We start by collaborating with you to define the scope of your application and pinpoint the critical areas for testing. This ensures our approach is tailored to your security goals and specific requirements, providing a focused and thorough assessment.

Vulnerability assessment

Our experts use cutting-edge automated tools/scripts and manual techniques to investigate your application thoroughly. To uncover potential threats, we target critical security flaws like SQL injection, cross-site scripting (XSS), and business logic vulnerabilities.

Exploitation

We simulate realistic attack scenarios to evaluate the real-world impact of identified vulnerabilities. You will understand the potential risks and prioritise issues based on their severity, ensuring you address the most critical threats first.

Advanced web testing

Our expert team leverages a bug hunter's mindset to explore the depths of your web

application. Beyond standard vulnerability scans, we conduct in-depth testing of APIs, authentication mechanisms, session management, and other critical components.

Remediation and follow-up

We provide expert guidance debriefing to help you understand the identified vulnerabilities. After remediation, we offer follow-up retesting to verify that the issues are resolved and that your application is secure and resilient.

Revealing hidden threats

We simulate realistic attack scenarios to evaluate the real-world impact of identified vulnerabilities. You will understand the potential risks and prioritise issues based on their severity, ensuring you address the most critical threats first.

Why Cognisys?

Our expert team goes beyond basics to find hidden vulnerabilities in your web applications. We combine cutting-edge tools with deep manual testing to uncover security flaws before hackers can exploit them. This proactive approach ensures your applications are secure, your data is protected, and your business stays ahead of evolving cyber threats.

Choosing our service means getting clear, actionable insights and meeting industry compliance standards. We provide detailed reports and practical recommendations on our SmartView portal to help you strengthen your security and maintain customer trust. Invest in our penetration testing to secure your business and stay one step ahead.

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