



Advanced Penetration Testing & Ethical Hacking Services

Cybercrime is on the constant rise—this is a fact. More now than ever, companies of any size and industry must verify that all existing applications, networks and systems do not have any vulnerabilities that would result in loss of sensitive information, reputation, revenue and customer loyalty, if exploited.

wizlynx group penetration tests are tailored based on your needs and environment. We leverage a global team of resources, comprised of highly skilled security professionals and penetration testers with extensive experience, both defense and offense. Uniting diverse mindsets better enables us to reach our ultimate goal: **your security**.

All of our penetration tests use a hybrid testing approach which combine the advantages of both automated tools and manual testing for a more controlled and thorough penetration test.

METHODOLOGY

At wizlynx group, our penetration testing methodology builds on the approach outlined in the OWASP Testing Guide, Open Source Security Testing Methodology Manual (OSSTMM) and Penetration Testing Execution Standard (PTES).



Preparation: Essential step of a penetration test which determines the assessment's success. This phase consists of building the scope and preparing the rules of engagement, together with the customer and based on it needs.

Reconnaissance: Provides the foundation for a successful, efficient, and informed penetration test. Therefore, this is one of the most important phases where we gather publicly available information regarding the target asset and organization.

Mapping: Active information gathering to identify underlying components such as operating systems, running services, software versions, etc. In this phase, we learn how the application works, its features, and understand the relationship between application components in order to identify attack vectors that can be leveraged, e.g. for privilege escalation.

Vulnerability Discovery: Evaluation of the information assets in scope against 80'000+ vulnerabilities and configuration checks, in addition to CWE/SANS TOP 25 Most Dangerous Software Errors and OWASP Top Ten vulnerabilities.

Vulnerability Exploitation: Attempt to gain privileged access to the target system in a controlled manner by exploiting previously identified vulnerabilities.

Analysis & Reporting: Comprehensive risk analysis with an executive summary, detailed findings, and actionable and prioritized remediation steps.

OUR PENETRATION TEST PORTFOLIO



Web Application

Comprehensive penetration test of your web applications, web services and APIs that may be used to store and access critical business information, with the goal to identify and exploit web-borne vulnerabilities. Our pen-testers will use advanced skills and techniques required to test modern web applications and next-generation technologies.



Network and Server Infrastructure

Evaluation of your internal or external information assets' ability to withstand attacks. Our world-class penetration testers, armed with the same techniques as cybercriminals, will attempt to break into your network, IT infrastructure, and servers to raise awareness about vulnerabilities and the effects of exploitation, as well as end-user adherence to security policies.



Mobile Application

Access to your mobile applications to identify vulnerabilities specific to mobile computing environments, such as those defined by the Open Web Application Security Project (OWASP) and other emerging industry standards.



Wireless Networks

Comprehensive wireless penetration testing services, ranging from traditional WiFi networks to specialized wireless systems, which include identifying and exploiting vulnerabilities and providing guidance to strengthen such identified weaknesses.

Our penetration tests can be performed black box (no knowledge of the environment), grey box (limited information of the environment), or white box (with full knowledge of the environment).

WHAT YOU WILL GET

wizlynx group's penetration test results will be documented in a detailed technical report of observations, which will include security vulnerabilities, weaknesses and misconfigurations. These observations will have actionable and prioritized technical recommendations, along with a summary of the key findings discovered during the penetration test.

The image shows a sample penetration test report for Giant National Bank. It includes a dashboard with a score of 0 Critical, 5 High, 5 Medium, 1 Low, and 0 Info. The report details an 'Attack Graph' showing the path from a 'Penetration Tester' through 'User Name Harvesting & Password Guessing' to 'Web Shell Upload' and 'Group Policy Password of Preference Retrieval'. It also includes a table for 'Exploited Vulnerabilities & Proof of Concepts' with columns for CVE, Severity, Reference, CVSS Score, Status, and Open. The table lists 'User Name Harvesting' with a severity of Medium and a status of Open. The report concludes with a list of recommendations: 'Valid username + wrong password' and 'Invalid username + wrong password'.

BENEFITS

- Discover if your critical information assets are at risk
- Identify and address vulnerabilities before they can be utilized by cybercriminals
- Meet compliance requirements
- Quickly remediate discovered vulnerabilities with actionable recommendations

CREST APPROVED

wizlynx group is an approved CREST penetration testing service provider globally with CREST certified penetration testers.



ABOUT WIZLYNX GROUP

wizlynx group is an ethical, trustworthy, and vendor agnostic Swiss Cyber Security provider, who you can rely on to effectively guard your business and trade secrets. Our services are designed to protect against any form of cybercrime, such as malware outbreak, malicious insiders, cyberattacks, cyber espionage, data leakage, and more...

We live and breathe Cyber Security! For this reason, we have designed a service portfolio that covers the entire risk management lifecycle to ensure our customer benefits the most from our passion and experience, but primarily to maximize their protection. It starts with security assessment, such as penetration testing and ethical hacking for mobile applications, web applications, networks, and systems, but also vulnerability assessments and secure code review. With our Information Security Assessments, we evaluate the IT processes, governance and compliance (GRC), so that an integral security can be succeeded. We also provide design and integration of security products spanning all layers (i.e. network, host, system, and application) for a 360° protection. Finally, we offer managed security services (MSS) and emergency breach response for cyber security incidents with our cyber SWAT team.