wizlynx group

ADVANCED PENETRATION TESTING SERVICES

Cybercrime is on the constant rise—this is a fact. Now more 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 privilage escalation.

Vulnerability Discovery: Evaluation of the information assets in scope against 80'000+ vulnerabilities and configuration checks, in addi-tion 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, including actionable and prioritized remediation steps.

wizlynx group

| OUR PENETRATION TEST PORTFOLIO

Active Directory (AD)

We offer Active Directory penetration testing services to identify weaknesses in Microsoft Windows Active Directory environments. Our experienced pen-testers use advanced techniques and tools to assess the security of the environment, focusing on weaknesses in authentication, authorization, and access control mechanisms. The service aims to prevent privilege escalation and domain dominance situations and enhance the security of the environment.

Network & 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.

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.

Thick-Client

Our thick-client penetration testing services are designed to provide a comprehensive security assessment of your application, covering all layers from the client-side to data in transit and server-side. Experienced pen-testers perform an in-depth analysis of your thick-client application to identify and exploit vulnerabilities.

Wirless Networks

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

Mobile Application

Security review of 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.

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.

wizlynx group
Active Directory Penetration
Giant National Bank - Singapore
Document Name: GNB_SG_ADPT_20230211_V1.0
Version: 1.0
Date: 11/02/2023
Classification: Strictly Confidential
Giant National Bank
Web Application
Wireless
2.5 Vulnerability and Exploitation Review
0 Critical
5 High
5 Medium
1 Low
User Accounts
Exploited Vulnerabilities
3.3.4 Attack Graph
Penetration Tester
www.giantnationalbank.com
3.3.5 Exploited Vulnerabilities & Proof of Concepts
3.3.5.1 Username Harvesting
Recommendations

| BENEFITS

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

| CREST APPROVED

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

CREST

www.wizlynxgroup.com

info@wizlynxgroup.com