



Kyndryl Penetration Testing Services

To prevent potential cyber incidents, organizations must test to identify vulnerabilities and create a plan to improve capabilities. Kyndryl's Penetration Testing Services, also known as pen testing or ethical hacking, assess an organization's current security posture and the findings can be used to address potential issues, enhance capabilities, and prioritize budgeting.

Introduction

Cyber incidents are increasing in frequency and severity. Cyber criminals are becoming more sophisticated, developing new techniques to bypass security measures. Therefore, it's essential for organizations to stay vigilant and implement strong security measures to protect their systems and data.

According to the Identity Theft Resource Center (ITRC), there were a total of 1,802 data breaches reported in the U.S. in 2022 alone, exposing over 422 million individual records. In 2022, the global average cost of a data breach was \$4.35 million, according to IBM's Cost of a Data Breach report.

Phishing attacks continue to be a major threat. The Anti-Phishing Working Group (APWG) reported in the third quarter of 2022, a 1,270,883 total phishing attacks, a new record, and the worst quarter for phishing that APWG has ever observed.

Kyndryl's Point of View

Kyndryl helps organizations stay ahead of malicious actors in an evolving digital landscape contributing to a safer digital environment. To help our customers proactively prepare for cyber incidents, Kyndryl has services that meet needs based on geography, industry, and compliance. Success lies in not only breaching security measures but providing actionable insights to strengthen defenses.

Highlights

Key Features

- Assess and improve Incident Response capabilities.
- Gain visibility and insight into security flaws.
- Reduce digital asset attack surface.
- Use different attack methods to meet organizational requirements.
- Decrease spend by prioritizing security budget based on key findings.

Available Service Modules

- External and internal penetration testing.
- Black box, gray box, white box.
- Target-based penetration testing:
 - o Application such as web, mobile.
 - o Workstation, server, or network.
 - o Public cloud penetration testing.
 - o IoT/Hardware penetration testing.

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Service Overview

Kyndryl's Penetration Testing Services are designed to be a comprehensive security assessment that involves identifying and attempting to exploit vulnerabilities in a system or network to point out weaknesses that could be exploited by attackers.

These services align with well-known industrial frameworks and guides such as MITRE ATT&CK and the OWASP Security Testing Guides.

Kyndryl's Penetration Testing Services can be an important component of compliance programs, as it can help organizations identify vulnerabilities and weaknesses in their systems that may leave them open to attack. In many cases, compliance regulations require organizations to perform regular penetration testing to ensure that their systems are secure and to identify any potential risks.

By using Kyndryl's services, organizations can test that their systems and networks are secure, and that they meet industry standards and compliance requirements (ISO/IEC 27001, PCI DSS, HIPAA, GDPR).

Kyndryl's Competitive Differentiators

- Highly customizable services to meet organizational requirements.
- Custom toolset- Kyndryl develops its own software that will be used in the engagement.
- Esoteric exploitation steps- Kyndryl can resort to unconventional and creative steps.
- "Try Harder" mindset- The Kyndryl Red Team doesn't give up until we achieve our target objectives.
- Seasoned offensive security engineers with top industrial certifications (CISSP, OSWE, OSEP, OSPA, OSCP, etc.)
- Methodology aligned with the top offensive

security best practices and frameworks in the wild (MITRE ATT&CK, OWASP guides, etc.)

For more information

To learn more about Kyndryl Email Phishing Campaign Implementation Services please contact your Kyndryl Representative or Kyndryl Business Partner, or visit www.kyndryl.com

Why Kyndryl?

Kyndryl has deep expertise in designing, running and managing the most modern, efficient and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side-by-side with our customers to unlock potential.

Kyndryl

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Citations:

1 - Identity Theft Resource Center (ITRC) Data Breach Report 2022

2 - IBM Cost of a Data Breach Report 2022

3 - Anti-Phishing Working Group Phishing Attack Report 2022 Q3