PENETRATION TESTING

Advisory Services

KUDELSKI SECURITY

Identify vulnerable systems, safeguard assets & validate security measures.

In a world of complex IT environments, social engineering and growing volumes of electronic information, it is becoming increasingly challenging for organizations to know where their IT Security weaknesses lie.

Cyber attacks are becoming more targeted, rapid and sophisticated, and security risk management has become a business imperative. The ability of organizations to identify vulnerabilities in critical assets and measure their exposure to attacks is crucial to safeguard intellectual property, financial information, and brand reputation.

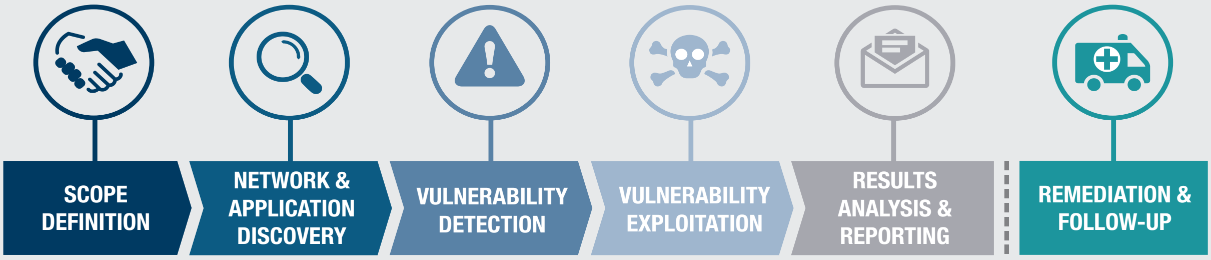
The Kudelski Security penetration testing service is a simulated systematic attack of a business' networks, systems and infrastructure. It helps you discover vulnerabilities in your environment, and exploits them within defined testing parameters in order to assess your real level of risk. The outcome is a detailed report that enables you to prioritize and manage remediation, before weaknesses are detected and exploited by cybercriminals.

Penetration Testing – Advisory Services

Our Methodology:

Our process builds on the approach outlined in the Open Source Security Testing Methodology Manual (OSSTMM).

- **Definition of Scope:** a process to establish the objectives, reach and limitations of the test based on your particular needs and concerns
- **Attack Surface Discovery & Analysis:** a 360˚ scan to detect hosts and services on your network
- **Vulnerability detection:** identification and assessment of the security vulnerabilities that put your business at risk
- **Vulnerability exploitation:** controlled attack attempts using the latest manual and automated hacking techniques, and a broad set of commercial, open-source and proprietary tools
- **Results analysis & reporting:** an in-depth assessment and business risk analysis with an executive summary and a detailed roadmap specifying actionable and pioritized remediation steps
- **Remediation & follow up tests:** Kudelski Security is at your service to address security gaps, validate remediation efforts and provide further guidance to enhance your security program


SCOPE DEFINITION
NETWORK & APPLICATION DISCOVERY
VULNERABILITY DETECTION
VULNERABILITY EXPLOITATION
RESULTS ANALYSIS & REPORTING
REMEDIATION & FOLLOW-UP

Our service delivery

Our aim is to ensure a maximum return on your investment through delivering a service that is: customizable, actionable, sustainable and best-in-class.

Customizable

We tailor each assessment according to your desired objectives, scope & unique business landscape

Actionable

We deliver actionable recommendations, prioritized according to your business imperatives & severity

Sustainable

long-term accompaniment possible, to ensure remediation is effectively implemented & infrastructure remains secure

Best-in-class

We test against new & emerging threats, drawing on intelligence generated at our Cyber Fusion Center, our next-generation Security Operations Center

A business approach to penetration testing

Very few companies have the expertise and technologies to conduct in-house penetration testing of their systems and networks, and are turning instead to trusted security partners to carry out the assessments on their behalf. Kudelski Security's experts work in close collaboration with you to deliver a safe and controlled attack simulation that will identify and probe the weaknesses in your infrastructure.

Regular penetration testing can be integrated into your cybersecurity strategy to protect critical assets and ensure you maintain regulatory compliance.

The Kudelski Security penetration testing services operates according to stringent ethical and legal standards, using globally recognized methodologies. Kudelski experts contribute actively to international penetration testing conventions and networks. Kudelski Security's Information Security Management System is certified ISO 21007:2013.

- **Skilled experts:** the Kudelski Security team of SANS-certified penetration testers will use multiple attack vectors to probe the security of your systems and networks by exploiting weaknesses in the IT infrastructure, wireless and mobile networks, web applications (including OWASP recommendations), mobile applications, data networks, and physical and human spheres of your business.

- **Advanced tools & in-depth techniques:** our experts will manipulate various combinations of weaknesses, simulating a real-world attack, to determine pathways to infiltrate your organization and reach mission-critical assets.

Kudelski Security, a division of the Kudelski Group (SIX: KUD.S), is an innovative, independent provider of tailored cybersecurity solutions to enterprises and public sector institutions. Kudelski Security is headquartered in Cheseaux-sur-Lausanne, Switzerland and Phoenix, Arizona, with operations in countries around the world.
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