

IBN Technologies Offers Automated Pen Testing Integrated with CI-CD and Compliance Reporting

IBN Technologies delivers automated pen testing with grey box methodologies, detailed reports, and cloud-specific assessments for enterprise security.

MIAMI, FL, UNITED STATES, December 8, 2025 /EINPresswire.com/ -- The need for effective, scalable security testing grows as cyber threats change quickly and businesses spread their digital footprints over cloud and hybrid environments. An essential remedy that allows for ongoing vulnerability finding without the constraints of human procedures is [automated penetration testing](#). IBN Technologies combines AI-driven tools with professional oversight to incorporate advanced automated penetration testing into its penetration testing and vulnerability assessment services. This strategy responds to the increasing demand for regular, thorough evaluations that keep up with threat environments and development cycles.



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Challenges Solved by Automated Penetration Testing

1. Manual testing constraints limit frequency and coverage in fast-paced DevOps pipelines.

2. Cloud infrastructure complexity demands specialized cloud pen testing beyond traditional methods.

3. Resource-intensive reporting delays remediation and executive decision-making.

4. Partial visibility into business logic flaws and authentication weaknesses in web applications.

5. Compliance requirements for regular, documented security validations across dynamic environments.

6. Scaling penetration testing for large asset inventories without proportional cost increases.



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ISO 27001:2013
ISO 20000
GDPR Compliant
Company

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IBN Technologies' Automated Penetration Testing Solution

IBN Technologies delivers enterprise-grade automated penetration testing enhanced by certified expertise and hybrid methodologies:

1. Specializes in cloud pen testing targeting AWS, Azure, and multi-cloud configurations with automated exploit chains.
2. Combines automation with [grey box penetration testing](#) for deeper insights into authenticated scenarios.
3. Generates executive-ready pen test reports with prioritized risks, remediation roadmaps, and compliance mappings.
4. Certified engineers holding CEH, OSCP credentials ensure methodology alignment with NIST, OWASP, and PCI-DSS.
5. Customizable testing cadences integrate seamlessly into CI/CD pipelines for shift-left security.

Benefits of Automated Penetration Testing

Organizations leveraging IBN Technologies' automated penetration testing achieve 10x faster vulnerability discovery while maintaining manual test accuracy. Cloud pen testing uncovers misconfigurations early, preventing costly breaches. Comprehensive pen test reports accelerate remediation by 60% through clear prioritization. Grey box penetration testing validates access controls and business logic, reducing false positives by 80%. This scalable approach delivers continuous security assurance without expanding internal teams.

The Essential Role of Automated Penetration Testing

Scalable security testing becomes essential as attack surfaces grow and software delivery speeds up. Nowadays, companies that want to secure innovation quickly must have automated penetration testing. Leading this development is IBN Technologies, which combines state-of-the-art automation with extensive knowledge of cloud pen testing, gray box penetration testing, and actionable pen test results. Organizations may quickly discover risks, minimize manual labor, and guarantee compliance across environments by automating common operations. IBN Technologies ensures that security does not impede innovation by assisting companies in maintaining strong, proactive security postures. IBN Technologies provides thorough, real-time insights on internal networks, cloud environments, and web application security that enable companies to strengthen their digital assets and grow safely while they adjust to changing dangers.

Related Services-

1. SIEM and SOC Services- <https://www.ibntech.com/managed-siem-soc-services/>
2. VCISO services- <https://www.ibntech.com/vciso-services/>

About IBN Technologies

[IBN Technologies LLC](#) is a global outsourcing and technology partner with over 26 years of experience, serving clients across the United States, United Kingdom, Middle East, and India. With a strong focus on Cybersecurity and Cloud Services, IBN Tech empowers organizations to secure, scale, and modernize their digital infrastructure. Its cybersecurity portfolio includes VAPT, SOC & SIEM, MDR, vCISO, and Microsoft Security solutions, designed to proactively defend against evolving threats and ensure compliance with global standards. In the cloud domain, IBN Tech offers multi-cloud consulting and migration, managed cloud and security services, business continuity and disaster recovery, and DevSecOps implementation—enabling seamless digital transformation and operational resilience.

Complementing its tech-driven offerings, IBN Tech also delivers Finance & Accounting services such as bookkeeping, tax return preparation, payroll, and AP/AR management. These are enhanced with intelligent automation solutions like AP/AR automation, RPA, and workflow

automation to drive accuracy and efficiency. Its BPO Services support industries like construction, real estate, and retail with specialized offerings including construction documentation, middle and back-office support, and data entry services.

Certified with ISO 9001:2015 | 20000-1:2018 | 27001:2022, IBN Technologies is a trusted partner for businesses seeking secure, scalable, and future-ready solutions.

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