AURORA

Penetration Testing

Penetration Testing is the first tactical step many companies take to begin the identification process for weaknesses in their IT environment. Our security professionals use proven techniques, methodologies and tools to detect undesirable risks. Aurora will evaluate your technical, administrative and management security controls, and conduct tests against your Internet perimeter using real-world attacks techniques — both automated and manual.

Aurora currently offers 3 types of Penetration Tests:

External Penetration Testing

- Simulates an external or outside attacker.
- Probes, identifies and exploits vulnerabilities in systems within scope.
- Attempts to breach the security perimeter of the network boundaries.
- Attempts to gain access to systems within scope, upon breach.

Internal Penetration Testing

- Simulates an internal attacker, from inside the organization.
- Attempts to escape out of the network boundaries.
- Attempts to gain unauthorized user access to systems within scope and systems connected to network.

Website Application Penetration Testing

- Designed to meet best practices and industry regulations for application security such as; PCI, HIPAA and Red Flag.
- An assessment looks at the source code, the infrastructure, the operating systems and the application functionality.
- Attempts to gain unauthorized access to systems connected to the web application.

BUSINESS VALUE

- Cost effective compliance
- Prioritized and simplified recommendations
- Achieve greater return on investment
- Optimized implementation
- Knowledge Transfer

FEATURES & BENEFITS

- Review of network, operating system, application and end-point security measures
- Comply with industry-driven regulatory requirement
- Development of key remediation recommendations
- Continuously expanding vulnerability tests and remote testing
- Discovery of key weaknesses in the servers
- Manual and automated testing procedures

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Penetration Testing Steps

Steps	Professional Level	Enterprise Level	Enterprise + Level
Automated Security Scanning: Commercial scanning tools used to identify potential vulnerabilities.	✓	✓	✓
Report Development and Interpretation: Analyze results and remove false positives.	✓	✓	✓
Network Architecture Review: Review network security design and identify weaknesses.		✓	✓
Manual Exploit Testing: Perform manual in-depth testing techniques to validate weaknesses.		✓	✓
Security Policy Review: Review up to 5 security policies for gaps in procedures.		✓	✓
Automated Security Re-Scan (within 3 months): Re-scan identified systems after patches are put in place.			✓
Black Box Testing: Perform system identification without prior knowledge from the client on devices.			✓

Ready To Get Started?

Contact us at 888-282-0696 or sales@aurorait.com to learn how Aurora Security Services can help you accomplish your specific business and IT security goals. Explore further by visiting our website at: www.aurorait.com

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