

Penetration Testing Services Powered by NodeZero

Find, Fix and Verify Exploitable Weaknesses in Your Network with the NodeZero Penetration Testing Platform and Progent's Experts



HORIZON3.ai

NodeZero from Horizon3.ai is a leading-edge penetration test (pentest) platform that supports continuous, concurrent, automated testing of your network to help you find, prioritize, fix, and verify security vulnerabilities before threat actors can exploit them. Pentesting lets you block hackers from stealing data, disrupting operations, causing financial loss, or damaging your reputation.

NodeZero can emulate modern cyber attack techniques by steadily pivoting through your network and chaining together discovered weaknesses until an exploitable attack path is exposed. NodeZero then benignly exploits the vulnerability as proof of the weakness, assesses and prioritizes the damage possible from an actual exploit, reports the findings, and provides AI-powered guidance for a fix. The reports generated by NodeZero highlight systemic issues where you can leverage a single repair to block multiple attack paths. After fixing the reported security gaps, you can run NodeZero's verification to confirm remediation actions were successful. NodeZero can automatically generate compliance reports required for SOC2, HIPAA, GDPR, and other important compliance requirements.

Progent can help you use NodeZero to perform comprehensive penetration tests of your network perimeter and your internal IT infrastructure in order to determine your complete security profile. Progent can help you harden your current network security and can work with you to design and deploy a unified cybersecurity strategy that is easy to manage and provides optimum protection for on-prem, multi-cloud, and perimeter IT assets.

Internal and External Pentests

Internal pentesting with NodeZero proceeds as though your network perimeter has been breached and carries out a pentest of your internal network infrastructure to determine what security weaknesses may exist that expose you to serious compromise. To help you prioritize repairs, the NodeZero dashboard shows which internal security weaknesses can cause the most damage and which ones enable the most attack vectors. External pentesting with NodeZero is cloud-hosted and uses the latest hacker techniques to try breaching your perimeter from the outside.

Progent offers low-cost external pentesting services on a one-time or periodic basis. NodeZero's technology offers rapid results and provides a comprehensive assessment of your outward facing security profile. These services carry a multitude of benefits that include:

- Compliance with the requirements of many cyber insurance providers for pentesting
- Realistic simulations of modern attack techniques including chained vulnerability combinations
- Supports compliance with key regulatory frameworks and industry standards such as PCI DSS, HIPAA, GDPR
- Proactive risk mitigation to lower the chance of data breaches, financial losses, and damage to reputation
- Assessments of the security of third-party vendors to ensure they inject no vulnerabilities into the supply chain
- Fine tune incident response processes by improving your ability to detect security incidents and react effectively
- Establish a baseline for cybersecurity so you can track security improvements over time
- Gain competitive advantage via regular pentesting to assure customers and partners that their data is protected
- Pentest reports can be used as tangible evidence to justify investment in cybersecurity technology and services
- Determine whether internal security policies are optimal for countering external attacks
- Discover where you can shrink attack surfaces to make it harder for bad actors to compromise your system
- Run periodic pentests to stay ahead of the curve in dealing with the quickly evolving threat landscape
- In case of a security breach, having documented evidence of regular pentesting efforts can provide a degree of legal and regulatory protection by demonstrating due diligence in the area of cybersecurity

Contact Progent about Penetration Testing Services

For more information, call 800-993-9400 or send email to information@progent.com



SERVICES

- **External Scan:** Cloud-hosted scan of your network perimeter uses modern hacking tactics to find weaknesses from outside your firewall
- **Internal Scan:** Proceeds as though your perimeter has been breached and scans for vulnerabilities within your internal network infrastructure
- **One-time or Periodic:** You can execute a single scan or schedule repeated scans to assure the ongoing soundness of your network security
- **AI-based Remediation:** Scan reports include clear guidance for prioritizing and fixing any security gaps uncovered
- **Verification:** With a single click you can check that your fixes were effective
- **Compliance Reports:** Create compliance reports required for SOC2, HIPAA, GDPR

BENEFITS

- Compliance with pentesting requirements mandated by many cyberinsurance providers
- Realistic simulations of modern attack techniques including vulnerability chains
- Proactive risk mitigation to lower the chance of data breaches, financial losses, and damage to reputation
- Improve your ability to detect security incidents and react promptly and effectively
- Run pentests periodically to stay safe from next-generation cyber threats
- Work with Progent's certified cybersecurity experts