

Penetration Testing

Node4's Application and Webserver Testing Service

Access to the internet exposes applications, websites and web-applications to the attentions of cyber criminals for extortion, denial-of-service and other criminal activities. Penetration testing using Node4's CREST certified security experts offers comprehensive analysis of internet facing applications where bespoke coding and configuration needs expert testing against hacking methodologies.

It is important that any internet facing services be assessed for security flaws and loop holes prior to going live or as part of a rigorous check to ascertain that vulnerabilities have been eliminated. Penetration testing is an integral part of the application testing process. With a strong understanding of the latest cybersecurity vulnerabilities and threats, our pentesters will identify weaknesses, misconfigurations and outdated code and components.

The service provides actionable information to improve your security posture and also delivers information to support compliance for a variety of standards including GDPR, Cyber Essentials, and PCI 2.0 and 3.0 and ISO accreditations.

Vulnerability Testing vs. Penetration Testing

In some respects, vulnerability and penetration testing are similar types of services. Node4's definition of the differences are as follows;

- Vulnerability testing focusses on providing security details on active network services and the risks and vulnerabilities of those services.
- Penetration testing inspects your internet facing applications or websites for security flaws and loop holes which could be exploited by attackers.

Key Benefits

✓	Audit Provide tangible proof of compliance for many security based certifications.
✓	Intelligence Node4 provides a detailed snapshot of your websites and internet facing applications.
✓	Expert Node4's services are provided by CREST certified experts.
✓	Baseline Provides baseline standards of security to measure subsequent periods of compliance.



For more information on Penetration testing and any other products and services we offer please call our Sales Team today on 0845 123 2222 or email us at info@node4.co.uk