Penetration Testing

Service Description for G-Cloud 15

zenzero

Document Purpose

This is document serves as a high-level description of the our penetration testing services.

The aim is to describe, in simple terms, the service, the deliverables of the service and the associated benefits. This is described in a non-technical and vendor agnostic way.

More detail can be provided when engaging with our team so that we can understand your specific requirements.

For more information:

- Please visit: IT Support, Security, Data and AI Solutions | Zenzero
- Phone: 0333 3209 900
- Email: Hello@Zenzero.co.uk

Scope of Service

This service provides bespoke penetration testing provided by highly experienced consultants. Our service identifies and exploits vulnerabilities to determine the potential impact of a breach and provides detailed and actionable recommendations to strengthen defences and mitigate risks effectively.

This helps to identify and reduce organisational risk, demonstrate strong security practices and reduce attack surfaces and safeguard your reputation, prevent financial losses and promote stakeholder trust

External/Internal Network Penetration Testing

Network penetration testing assesses the security posture across an organisations network infrastructure, encompassing cloud services, servers, virtualisation platforms, firewalls, and end-user devices. The assessment evaluates the resilience of systems to potential cyber threats, such as unauthorised access, data breaches, and service disruptions. By adopting various threat perspectives, including external attackers, insiders, and compromised devices, penetration testing simulates realistic scenarios to uncover vulnerabilities and weaknesses from different angles.

Application Penetration Testing

A comprehensive security evaluation, conducted against web, mobile, and thick client applications, to provide assurance that secure design and development practices have been rigorously employed throughout the application development lifecycle. Our services adhere to industry-standard methodologies such as OWASP (Open Web Application Security Project), ensuring thorough examination of potential vulnerabilities and adherence to best practices

Wireless Penetration Testing

Leveraging industry leading methodologies and tools, our wireless penetration testing service identifies vulnerabilities and weaknesses within your wireless infrastructure. Following a systematic approach we examine encryption protocols, authentication mechanisms, signal strength, and network segmentation to ensure a robust defence against unauthorised access. Assessments are typically supported by detailed configuration reviews of wireless infrastructure to ensure coverage from multiple perspectives.

Red Teaming

Led by seasoned cyber security professionals, our Red Team assessments offer an advanced evaluation of an organisation’s cyber defences and processes. Employing sophisticated methodologies, we emulate the tactics, techniques, and procedures of real-world threat actors to uncover gaps in your security posture. Our

assessments encompass a wide range of attack scenarios, including social engineering, physical entry attacks, penetration testing, and targeted exploitation

Why Zenzero?

We bring a host of experience and industry leading certifications to bear in our cyber security services. We have been awarded a wide variety of certifications, and are CREST accredited for penetration testing.

Speak with a member of our team to build a penetration testing service that works for you using the phone number and email address above, or you can use our website to book a consultation.