Infrastructure Security Testing

Infrastructure security assessments involves assessing the security of an organization's internal or external network, systems, and infrastructure assets to identify weaknesses, vulnerabilities and threats that may exist.

Infrastructure Testing

Infrastructure

Our consultants will utilise various tools and techniques to identify these weaknesses in the target environment.

By combining automated scanning tools with manual verification, an infrastructure security assessment aims to provide a comprehensive understanding of the security posture of the assessed network, systems and assets and their potential impact on the overall security of the network.

Our Internal and External Infrastructure Testing Methodology is built from OWASP Network Infrastructure Configuration, Open Source Security Testing Methodology (OSSTMM) and NIST 800-115 Technical Guide to Information Security Testing and Assessment.

As with all testing the first step in conducting an infrastructure security assessments is defining the scope of testing. Here at GSA Global we will work with you to define networks, systems and assets in scope and create an appropriate testing strategy.

Once the scope has been defined, the methodology followed by the consultants will be:

Information Gathering

Network Enumeration and Service Identification

Vulnerability Scanning

Exploitation

Benefits

- Identify Infrastructure Vulnerabilities
- Assess Insider Threats
- Test Segmentation and Access Controls
- Validate Configuration and Patch Management
- Test Detection and Response Capabilities

Who We Are

The Cyber division of GSA Global has significant experience and knowledge in all aspects of security and cyber security across the private, public and defence sectors.

GSA Global combines deep UK security insight and expertise drawn from decades of experience in leading and advising on public and private sector security and resilience.

What makes us unique is our heritage in leading major UK police forces, security organisations and our shared commitment to protecting people, organisations and assets.

Industry Accreditations

- CREST Certified Penetration Testing and Vulnerability Scanning
- UKAS ISO27001
- Cyber Essentials and Cyber Essentials Plus

REGISTERED ISOQAR | UKAS MANAGEMENT SYSTEMS | CREST. | VA | PEN TEST | CYBER ESSENTIALS PLUS

Contact Us

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