FACT SHEET

janet | ESISS

Janet ESISS:
Identifying security risks within your network

In a move to enhance information security services offered to the community, Janet merged with the Education Shared Information Security Service (ESISS), previously managed by the East Midlands Metropolitan Area Network (EMMAN), in August 2013.

Janet ESISS offers Penetration Testing, a method for evaluating the security of an information system by simulating the types of attack that are known to occur on networks. The service is led by a Tiger Scheme SST (Senior Security Tester) certified senior tester and a team qualified to the Tiger Scheme QSTM (Qualified Security Tester Team Member) level.

There are two types of Penetration Testing available: **Automated** or **Manual**. Consultancy services are also offered, but which option is for you?

Tiger Scheme is an industry consortium providing a number of qualifications with testing managed by the University of Glamorgan and recognised throughout the UK.

Automated Penetration Testing

This is also known as Vulnerability Assessment and is provided via an online web-based delivery system with our fully accredited partner, Sec-1:

Features	Benefits
Specifically designed modules using continual updates to scan web applications and/or infrastructure	Advanced ability to scan and test for common vulnerabilities used by automated attacks and malware using a vulnerability database.
Convenient testing schedules with experts from within the research and education community	Ability to schedule tests at times convenient to you with support from skilled testers who have experience of working with 60+ organisations over four years.
Excellent value and easy administration	Janet ESISS can save you time and money by identifying and advising on any potential areas of vulnerability along with a web-based user front end making it possible for work to be undertaken without a specialist being on site.
On-demand, audit compliant report with remediation advice	A report available online to download as a full report in DOC format or exported in CSV format, along with advice on how to secure any discovered vulnerabilities.

Manual Penetration Testing

This service provides you with manual on-site or remote testing to look for vulnerabilities in your system, in addition to using the tools and techniques used in the Automated Penetration Testing service. Through scoping, project management advice, testing, reporting and vulnerability assessment, Janet ESISS helps you to understand the relevance and potential impact of the vulnerabilities in your system along with recommendations on how to improve and guard against any future threats.

Types of testing

White Box

- Complete carte blanche access to the testing network
- Targeting specific operating systems, applications and network devices residing on your network
- Simulating a situation whereby an attacker may have complete knowledge of your internal network

Grey Box

- Appropriate user level privilege with a user account and access to your internal network
- Simulating an attack by a disgruntled, disaffected staff member

Black Box

- No prior knowledge of a company network is known with only the details or a website URL or IP address being provided
- Attempting to break into your organisation's website/network
- Simulating an external attack conducted by a malicious hacker

Janet's information security services portfolio now includes Janet ESISS, along with Janet CSIRT, an impartial service responsible for safeguarding the current and future network security of Janet and its customers, available at no additional charge.

All testing is carried out to our comprehensive methodology, an amalgamation of various industry standard methodologies, including but not limited to:

- PTES recommendations (http://www.pentest-standard.org/)
- OWASP recommendations (https://www.owasp.org)
- Open Source Security Testing Methodology Manual (http://www.isecom.org/research/osstmm.html)

It is recommended, if you are able to, that you assess and improve the security of your network using the tools and skills available to you before you bring in a third party. Our Automated Penetration Testing service is ideally suited to this task, and by removing some of the more obvious security threats, you will get more value for money from the testing.

Find out more about Janet ESISS

Visit   www.ja.net/janet-esiss   •   Call   0300 300 2212   •   Email   service@ja.net