CYBER SECURITY

The TechDude

OUR APPROACH

Our approach involves 5 key elements which are:

Identify

Protect

Detect

Respond

Recover

Penetration Testing

Our penetration testing service involves an active analysis of the asset for any potential security vulnerabilities. This could result from poor or improper infrastructure or network configuration, both known and unknown hardware or software flaws, and operational weaknesses in process or technical countermeasures.

The analysis is carried out to simulate real-life cyber-attacks from the position of a potential attacker and can involve active exploitation of security vulnerabilities. Our approach is to work closely with the client to help identify and eliminate areas of potential risk.

Any security issues that are found will be presented to client/ organisation in a report together with an assessment of their impact, and also with a proposal for mitigation or a technical solution. All Pentesting and Vulnerability Assessment is done with the least possible down time on day to day activities.

A PENETRATION TEST HELP CLIENTS

- Proactively quantify and reduce business risk;
- Validate the effectiveness of their security safeguards;
- Protection of brand reputation and maintain customer loyalty;
- Avoid costly network downtime;
- Avoid fines while meeting regulatory requirements;
- Get tailored reports to help you prioritise remediation for your business.

"CYBERSECURITY IS A NEW AREA WHERE EQUALITY WILL EXIST TO ALLOW INTELLIGENCE TO SUCCEED."

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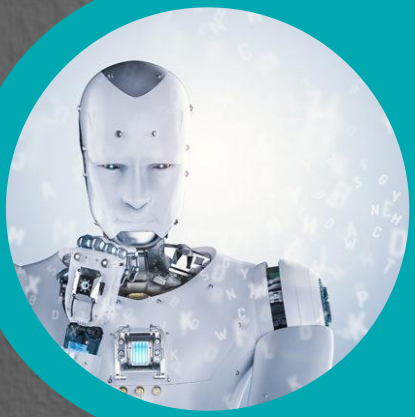
Web Application Security Services



Web applications have recorded a huge growth in recent time.

Almost every organisation present wishes to have its business and management online for quick and effective business processes. The risk and concern over the security of web applications have grown alongside with its popularity. The web applications may expose customer information, financial data and other sensitive and confidential data if not configured properly. Ensuring that web applications are secure is a critical need for your business, or clients.

WEB APPLICATION SECURITY TEST CAN INCLUDE THE FOLLOWING VECTORS:

- Command Injection (SQL Injection, Code Injection)
- Cross site scripting (XSS)
- Checking for back-doors
- Input validation
- Session Hijacking
- Buffer overflows
- Trust boundary violation
- Unhandled array declaration
- Unchecked return values

It takes 20 years to build a reputation and few minutes of cyber incident to ruin it.

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Social Engineering

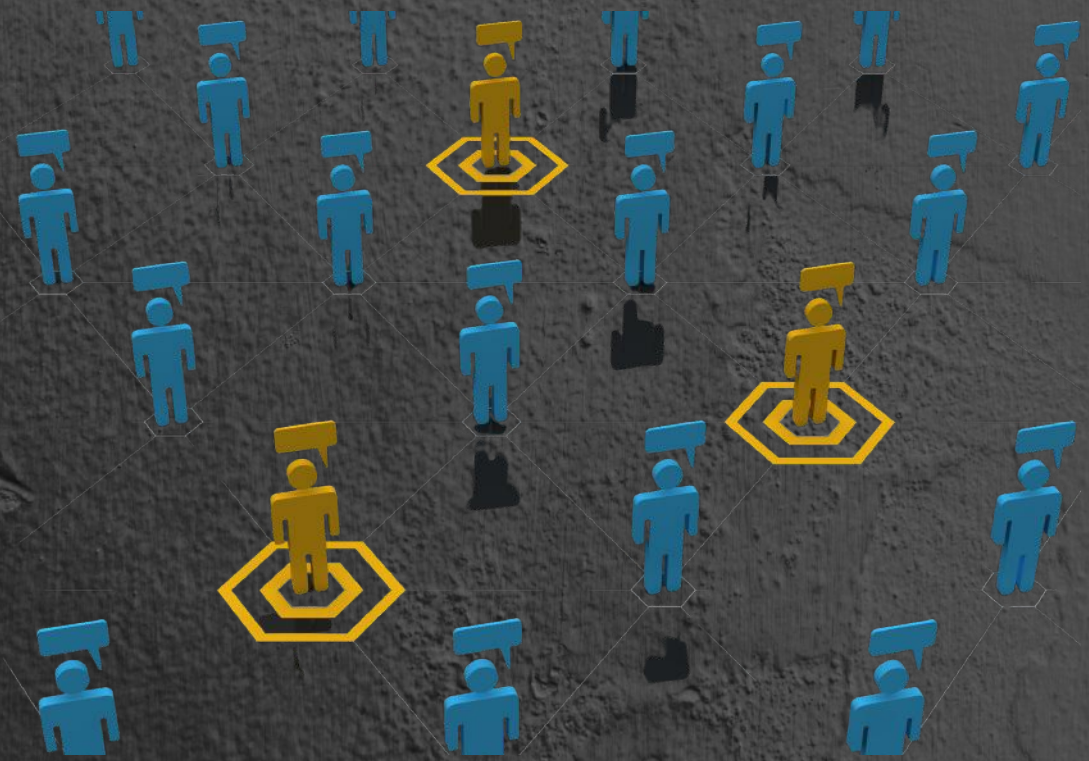
Human beings are said to be the weakest link of any information system. Organisational employees hold valuable information that, in the wrong hands, could be used to exploit companies. We will check whether clients/organisations are resistant to a variety of simulated social engineering attacks such as, phishing, baiting, or piggybacking in an attempt to extract key company information or gain access to restricted areas.

SCAN ME

Vulnerability Assessment

Vulnerability assessment can help:

- Identify security issues before they can be exploited;
- Improve productivity by avoiding application downtime;
- Protect the integrity and confidentiality of sensitive;
- enterprise data;
- Ensure security in time for product release.



Digital Forensic Services

Computer Forensics is a technique used to examine, analyse, extract, and preserve the evidence to determine or identify suspicious/fraudulent events from a digital storage device that can be presented in a court of law. Our Services will help clients understand how an intrusion took place and who is responsible for the intrusion (Attacker), geographical origin, tools / methods used, time stamp. This is can be done utilising legal evidence on computers or any digital storage media that pertains to the case. An analytics system or array of approached can be designed for any specific organisation.

Cyber Incident Response Management

We focus on the speed at which companies identify a breach, combat the spread of malware, prevent unauthorised access to data, and remediate the threat as this makes a significant difference in controlling risk, costs and exposure. Effective incident response processes can reduce the risk of future incidents occurring. We assist organisations in designing effective incident response plans, enabling them to detect incidents at an earlier stage and develop an effective defence against potential attack.

Our cyber security incident response consultancy service based on ISO 27001, ISO 27035 (the international standard for cyber incident response), NIST and best practice frameworks in the market. This helps clients develop the resilience to protect against, remediate and recover from a wide range of cyber incidents.

"The five most efficient cyber defenders are: Anticipation, Education, Detection, Reaction and Resilience.
Do remember:
"Cybersecurity is much more than an IT topic."

IT Audit

Our IT Audit services provide an independent and objective review of your IT infrastructure, control configuration, and regulatory compliance through in-depth testing and expert analysis. We maintain a number of professional certifications including Certified Information Systems Auditor, Certified Information Security Manager, Certified Information Systems Security Professional, Certified in Risk and Information Systems Control, Microsoft Certified Professional and Certified Ethical Hacker.

Training

We can create a cyber-ready workforce through customised and generic training programs providing organisations with the people, knowledge, and skills required to defend their information systems.

Training Courses:

- CEHv10
- Secure User training
- Security+
- Cyber Security Awareness Training
- Cyber Security Analyst Training
- Compliance training
- Fortinet Training
- Cisco Security
- Windows Server Security
- Introduction to Ethical Hacking
- Certified Information Systems Manager (CISM)
- CISSP
- Certified Information Systems Auditor (CISA)
- CRISC
- Licenced Penetration Tester

IT Governance

We assist business organisations to tactically align their Information Technology (IT) strategy with the business strategy, ensure IT enterprise resources are used responsibly, manage organisational risk appropriately, deliver value, integrate the assurance process and measure the effectiveness and efficiency of IT in extending and sustaining enterprise wide strategy.

SOME OF THE SERVICES INCLUDE:

- IT Business Strategy Alignment,
- Emerging Technology (Cloud Computing, Mobility, BYOD, Big Data, IoT) Advisory,
- IT Governance Implementation Assessments,
- IT Governance implementation Using COBIT 5 Advisory,
- IT performance management,
- Business processes integration etc

Our Consultants hold the following certifications: CEH, CISA, ITIL, COBIT, CISM, CISSP, CRISC, PRINCE 2, SECURITY+, CASP, CHFI, LPT.

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