

# IBM Vulnerability Assessment and Penetration Testing Services

## ***Why is IT Security Important ?***

IT Security, governance and risk management is on the top agenda for global business leaders today. Regulations like Sarbanes-Oxley, Basel II, HIPAA, PCI, GLBA, FISMA, etc are driving corporate governance with increasing financial and legal liabilities for non compliance. CxOs see improving governance, compliance and risk management as their top challenge today while CIOs specifically need to balance security compliance and data protection with the business strategy in line with the regulatory framework in order to effectively discharge their corporate responsibilities for meeting regulations.

## ***What is Vulnerability Assessment (VA) ?***

A **Network Vulnerability Scan** provides on demand network discovery and vulnerability assessment reporting, remediation tracking, and enforcement of security policies. It is an efficient way to assess business risk and improve your security posture. Potential vulnerabilities would be identified in your system or network, and recommend fixes. This includes fixed and wireless networks.

## ***What is Penetration Testing (PT) or an Ethical Hacking Service ?***

**Penetration testing** exploits the vulnerabilities found to gain access to the system. This approach gives an in-depth report with increased assurance to the validity of vulnerabilities found.

## ***Benefits of VA and PT***

- Identifies vulnerabilities and risks in your networking infrastructure
- Validates the effectiveness of current security safeguards
- Quantifies the risk to internal systems and confidential information
- Raises executive awareness of corporate liability
- Provides detailed remediation steps to prevent network compromise
- Validates the security of system upgrades
- Protects the integrity of online assets
- Helps to achieve and maintain compliance with federal and state regulations

## ***What packages can we offer ?***

- A. Network VA (external) for up to 10 IP addresses using ISS Security Scanner (USD10K) for non-FSS customers.
- B. External VA/PT for up to 10 IP addresses using ISS renowned X-Force US based Ethical Hacking team (USD10K) for FSS customers.
- C. Customised security assessment packages are available on request.

Deliverables for these packages include the actual security assessment tests, assessment report highlighting security risks and follow up review with your customers on corrective actions.

## ***Why IBM Security ?***

IBM's Security & Privacy Practice provides global resources of security expertise with the following accolades:

- Breadth of expertise, thought leadership and research in security methodologies and technologies
- Leading global security practice in security strategy, policy, process and technology with Dedicated Security professionals who understand business and technology issues
- Local experience with insight into country-specific and global regulatory compliance issues like Sarbanes – Oxley, Basel II, GLBA, etc
- Numerous security patents
- Co-founder of Trusted Computing Group
- Co-developer of Web Service Security family of specifications
- More than 3,500 security and privacy professionals in 120 offices throughout 77 countries
- Capability to monitor and protect client infrastructure from rapidly moving threats
- Developer and publisher of Global Security Index
- Rigorous, mandatory internal security evaluation process.
- Strategic partnerships with world leading security vendors.
- Our very own IBM Research laboratories
- Experienced professionals in all industries and myriad locations
- Industry proven and Tested methodologies for rapid and cost-effective IT Security deployments
- Broad array of global engagements
- Ability to span logical and physical requirements
- Best-in-class security operations provider
- Leader in managed security services with 7 Security Operations Centre (SOCs) globally