



IT'S HOW
WE CONNECT



VULNERABILITY ASSESSMENT

Organisations are experiencing threats originating from all parts of the globe, as well as from within their own network. And the number, type and sophistication of cyber security threats are constantly increasing. The motivations of cyber adversaries targeting Australian organisations are many and varied. So even if you think the information held in your business is not valuable, it could still be a target for malicious activities.

How we can help

The Vulnerability Assessment identifies and rates internal/external network infrastructure and web applications for common security vulnerabilities. It evaluates threats to daily operations, and offers insight into your network to prioritise security investment. The service is especially valuable if you're upgrading or moving applications to the cloud, or have to comply with Payment Card Industry security, ISO 27000 and APRA PPG234 standards.

An essential and basic security precaution, we recommend that Vulnerability Assessments are conducted regularly to keep abreast of new threats and vulnerabilities.

The Vulnerability Assessment provides a best of breed scanning platform, QualysGuard, to perform:

- **External vulnerability assessment.** Conducted from the internet. This tests the network perimeter infrastructure
- **Internal vulnerability assessment.** Scanning is conducted from within your corporate network. Typically, a scanner is temporarily deployed in the environment

- **Web application security testing.** Conducts a risk assessment of externally facing web applications against the most common risks (e.g. OWASP Top 10 risks). This is automated testing, not a manual application penetration testing (i.e. the service does not attempt to exploit the vulnerabilities identified). This testing is preferably conducted in a test environment.

Key benefits

- Find and fix vulnerabilities before hackers can exploit them
- See your network assets the way hackers do
- Address new security and compliance needs as your business expands
- Focus investment on security priorities

Engagement process

DISCOVER	ASSESS	ANALYSE	RECOMMEND
What you do	What we do	What you get	
<p>Provide program/project management and co-ordination</p> <p>Provide all required technical information e.g.</p> <ul style="list-style-type: none"> • IP ranges • Identification of web applications to be tested • Possible test user account details, etc. 	<ul style="list-style-type: none"> • Obtain a high-level view of the environment to be tested • Confirm the systems and IP ranges to be tested • Confirm required agreements are in place, when applicable, with any third parties involved in the external hosting and management of the systems to be tested • Confirm the testing logistics (e.g. times testing can be conducted - e.g. out of business hours) • Define the test plan • Configure the vulnerability assessment platform. This may include the deployment of a virtual internal scanner • Run the scan 	<p>Prompt notification when a critical vulnerability has been identified.</p> <p>This may be before the report is delivered.</p> <p>A draft report in PDF format.</p> <ul style="list-style-type: none"> • Executive Summary: a business view of the results and what they mean • Methodology: what testing was done and how • Vulnerabilities & Recommendations: a list of identified and rated vulnerabilities with remediation recommendations <p>Follow-up call or meeting</p> <ul style="list-style-type: none"> • Discussion of the report and remediation progress 	

Why Telstra for Security Consulting?

Our consultants draw on deep practical experience improving security for some of the country's largest mission critical environments, including the largest networks in Australia - our own. They possess internationally recognised qualifications such as CISM (Certified Information Security Manager), CISSP (Certified Information Systems Security Professional), CRISC (Certified in Risk and Systems Control) and SANS GIAC (Global Information Assurance Certification).

Our consultants leverage the capabilities of our Security Operations Centre which constantly collects data from the internet, our networks and customer networks. They also access local and international threat intelligence from industry bodies, critical infrastructure forums, security partners and vendors. This enables them to gain a comprehensive view of threats to recommend the most appropriate defence measures.

The Telstra Difference				
We combine skilled professionals, cutting-edge capabilities and proven methodologies, plus cross domain experience providing ICT solutions to 200 of the top 500 global companies.				
End-to-end expertise	Deep industry and domain experience	Best practice	Innovation and leadership	Global reach and scale
<p>One of Australia's largest team of ICT Service Professionals including:</p> <ul style="list-style-type: none"> • 350+ ITILv3 accredited people • 330+ Cisco Certified staff • 120+ Design Professionals • 130+ Certified Practising Engineers 	<p>Industry-specific expertise:</p> <ul style="list-style-type: none"> • Government • Retail • Health • Education • Banking & Finance • Manufacturing • Logistics & Transport • Mining & Utilities • Public Safety & Security <p>Domain-specific expertise:</p> <ul style="list-style-type: none"> • Network • Security • Cloud • Collaboration & Contact Centre • Integrated Services 	<p>Aligned with major standards:</p> <p>Security</p> <ul style="list-style-type: none"> • ISO 27001 • T4 accreditation • PCI-DSS • Cloud Security Alliance <p>Quality Management</p> <ul style="list-style-type: none"> • ISO 9001/9002 • 9001:2008 • ITILv3 • ISMS • TOGAF <p>Customer Service</p> <ul style="list-style-type: none"> • CSIA Certified Organisation 	<p>65+ industry leadership awards in the past 5 years:</p> <ul style="list-style-type: none"> • 2015 Cisco: APJC Cloud & Managed Services Partner of the year • 2015 Polycom: Polycom Circle of Excellence Awards for Asia Pacific • 2015 Frost & Sullivan: Data Communications Service Provider of the Year 	<ul style="list-style-type: none"> • Access to 230 countries and territories • Global Operations Centres • Over 1400 people operating in 8 global markets

For more information on Security Services visit
telstra.com.au/content/dam/tcom/business-enterprise/security-services/pdf/security-consulting-capability-statement.pdf

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