

Our Managed Vulnerability Assessment Services

Overview

Organisations that want to manage risk understand that they have to manage both threats and vulnerabilities and that this is an ongoing process. The purpose of our managed vulnerability assessment services is to assist our clients in the effective ongoing management of system vulnerabilities, whether they be on web servers, database servers, firewalls, routers or other key components of their IT infrastructure.

Each month, week, or at other defined periods, we perform an extensive number of vulnerability tests on your systems to determine if they are open to attack or exploitation. Each set of tests result in a concise report of our findings and where vulnerabilities have been discovered remedial actions are suggested. Reports are securely emailed to any number of contacts in your organisation. Before the report is issued our technical staff and account team will work with you to eliminate any false positives or vulnerabilities you consider unimportant.

Benefits

For organisations that want to actively reduce the business risks they face our managed vulnerability assessment services can provide many benefits:

- Ongoing protection against the latest security exploits
- Guards against human error, e.g. developers' software bugs, server or firewall misconfiguration
- Verifies effectiveness of other security controls and policies
- Prevents security breaches and thereby
 - Protects your company's reputation (reducing adverse media coverage, customer dissatisfaction, loss of public confidence etc.)
 - Reduces costs (fewer security incidents from which to recover, fewer compensation or litigation claims etc.)
- Demonstrates 'best practice' in addressing risk (Turnbull report, Basel Capital Accord, ISO17799)
- More cost effective than doing it 'in-house'

Approach

All our managed vulnerability assessment services adopt a standard, 'crystal box' approach to security testing where you inform us of the devices and networks to be assessed. All tests used to discover vulnerabilities are non-destructive unless you request otherwise. Tests are rate adapted so as they will not consume excessive bandwidth or target system resources. The date, time and frequency of assessments are specified by you so as they can be performed during convenient quite times.

Each of our full vulnerability assessment services performs over a thousand separate tests and our tools are continually updated with the latest vulnerability exploits. We can usually have tests available within hours of a new vulnerability being discovered and in many cases we have tests available immediately, as we have worked with the vendor to discover the vulnerability.

Services

Enterprise

Our Enterprise service is a full vulnerability assessment service examining the vulnerabilities presented by your Internet-reachable systems. The service lasts for one year and assessments are performed every month. Features include:

- Full 64K TCP port scan
- Reliable scanning of well defined UDP services
- Over 1000 application layer security tests
- Flexible scheduling options for scan commencement
- Easy to view HTML report of findings with remedial actions
- False positives eliminated from reports
- Reports securely emailed to any number of contacts in your organisation
- Personalised reports – each contact's report details only those servers for which they are responsible
- Server grouping – reports include views of servers by business unit, geographic location, etc.
- Trend analysis and management statistics

EnterprisePlus

Our EnterprisePlus service is targeted at your most critical Internet-reachable systems where you require immediate assessment of the latest vulnerabilities. In addition to providing all the features of the Enterprise service, as soon as a new serious vulnerability is reported for an application/operating system in which you are interested we will write a test for that vulnerability and examine your systems for it. If your systems are found to be vulnerable nominated contacts within your organisation will receive an SMS message. A follow-up email will also be sent and all such inter-month activity will be summarised in your regular monthly report.

Network Discovery

Our Network Discovery service is designed to map out all Internet-reachable devices in a contiguous IP address range of your specification. As with our other vulnerability assessments this service will run monthly unless you specify otherwise. The purpose of the service is to assure you that no new or unexpected devices are appearing in your address range. For example, this could happen if an existing host is given an additional or incorrect IP address or devices are accidentally miscabled during engineering work. Features include:

- Examination of every IP address in the range
- Scanning for popular TCP services
- Reliable scanning for well defined UDP services
- Flexible scheduling options for scan commencement
- Easy to view HTML report detailing findings
- Reports securely emailed to any number of contacts in your organisation