

VULNERABILITY ASSESSMENTS

Many of Sequestered Solutions technical staff members and consultants have 20 to 40 years' experience in evaluating the security of critical systems and in attacking a broad spectrum of targets.

An initial part of understanding the vulnerabilities in a system involves a detailed evaluation of the security state of the existing system. Given the inherent complexity of modern computers, use of an automated tool or service makes this examination much more efficient. Sequestered can provide an external assessment of the systems reachable from the Internet, or can place an appliance on the target company's intranet and provide regular assessments of as many of the machines on the intranet as the customer chooses. The results of these recurring assessments are immediately available to the customer on a secure web portal.

Evaluation Reports

Once the current states of the target system(s) are known, the systems should be brought up to currency by updating or patching the systems' software. The evaluation reports provided by Sequestered include web-links to any needed patches or upgrades. The reports also include references to comments and other reports on the efficacy and utility of the patches. Although decisions on patching and upgrading are always made by the customer on a case-by-case basis, Sequestered does have automated tools available to minimize the staff time required to do the patching / upgrading.

PENETRATION TESTING

For most systems running on commodity hardware and running commodity operating systems, penetration testing is inappropriate – experts know that the system can be penetrated; the only questions are how easily can it be penetrated, how quickly it can be done, and how bad are the consequences of such a penetration. Essentially all modern businesses will be penetrated at some time; they just have to plan to survive the attack and continue in business. At one time, 43% of the businesses that were hit with major attacks were not in business one year later.

Mandate for penetration testing:

1. The system is a controlled interface that provides security services (such as a firewall);
2. Regulatory requirements insist on penetration testing; or,
3. The company management insists on a penetration test.

Sequestered Solutions, can provide penetration testing of all common systems and networks.

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