Web Application Security Testing White Paper

Web applications are increasingly vulnerable.

Rapid growth leads to emerging problems

The number of corporate web applications has grown exponentially and most organizations are continuing to add new applications to their operations. With this rapid growth come common security challenges driven by complexity and inconsistency. New awareness into web application vulnerabilities, thanks to organizations such as the Open Web Application Security Project (OWASP), has helped organizations identify application security as a priority. But according to a June, 2006 survey (www.symantec.com/ about/news/release/article.jsp?prid=20060919_01), while 70 percent of software developers indicated that their employers emphasize the importance of application security, only 29 percent stated that security was always part of the development process. If you have any questions concerning where and how to use haveibeenpwned, you can make contact with us at our site.

Overlooked online application vulnerabilities

Unfortunately, it is not just application flaws that are leaving systems vulnerable. In addition to application issues, every web application relies on a large stack of commercial and custom software components. The operating system, web server, database and all the other critical components of this application stack, have vulnerabilities that are regularly being discovered and communicated to friend and foe alike. It is these vulnerabilities that most organizations overlook when they're considering web application security.

As new vulnerabilities are found, patches become a critical part of managing application security. The process of patch management is complex and difficult to do successfully. Even the most proactive IT team must often reassign critical resources to deploy urgent patches, disrupting normal operations. The time required to patch responsibly lengthens the window of time a hacker has to exploit a specific vulnerability. With thousands of vulnerabilities and patches being announced each year the problem continues to grow. Even organizations with the most efficient patching processes in place can't rely on this alone to protect them from attacks targeting web application vulnerabilities.

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