

Insecurity News

■ mod_python

mod_python embeds the Python language interpreter within the Apache httpd server. The Apache Software Foundation found that some versions of mod_python versions 3.0.3 and earlier contain a bug which, when processing a request with a malformed query string, could cause the corresponding Apache child to crash. This bug could be exploited by a remote attacker to cause a denial of service. The Common Vulnerabilities and Exposures project has assigned the name CAN-2003-0973 to this issue. ■

Red Hat reference RHSA-2004:063-02

Debian reference DSA-452-1 libapache-mod-python -- denial of service

■ Xboing

Steve Kemp has discovered a number of buffer overflow bugs in xboing, a game, which could be exploited by a local attacker to gain gid "games". ■

Debian reference DSA-451-1 xboing -- buffer overflows

■ hsftp

Ulf Härnhammar found a format string vulnerability in hsftp. This vulnerability could be exploited by an attacker able to create files on a remote server with carefully crafted names, to which a malicious user would connect using hsftp. When the user requests a directory listing, particular bytes in memory could be overwritten, potentially allowing arbitrary code to be executed with the privileges of the user invoking hsftp. ■

Debian reference DSA-447-1 hsftp -- format string

■ Lbreakout2

Ulf Härnhammar discovered a vulnerability in lbreakout2, a game, where proper bounds checking was not performed on environment variables. This bug could be exploited by a local attacker to gain the privileges of group "games". ■

Debian reference DSA-445-1 lbreakout2 -- buffer overflow

■ cgiemail

A vulnerability was discovered in cgiemail, a CGI program used to email the contents of an HTML form, whereby it could be used to send email to arbitrary addresses. This type of vulnerability is commonly exploited to send unsolicited commercial email (spam). ■

Debian reference DSA-437-1 cgiemail -- open mail relay

■ Synaesthesia

Ulf Härnhammar discovered a flaw in synaesthesia, a program which represents sounds visually. Synaesthesia created its configuration file while holding root privileges, allowing a local user to create files owned by root and writable by the user's primary group. This type of vulnerability can usually be easily exploited to execute arbitrary code with root privileges. ■

Debian reference DSA-446-1 synaesthesia -- insecure file creation

■ libxml2

Yuuichi Teranishi discovered a vulnerability in libxml prior to 2.6.6, the GNOME XML library. When fetching a remote resource via FTP or HTTP, the libxml2 library uses special parsing routines which can, if passed a very long URL, cause a buffer overflow. The Common Vulnerabilities and Exposures project has assigned the name CAN-2004-0110 to this issue. ■

Mandrake reference MDKSA-2004:018

Red Hat reference RHSA-2004:091-07

Debian reference DSA-455-1 libxml -- buffer overflows

■ mutt

Mutt is a popular text-mode mail user agent. A new vulnerability in the index menu code within mutt was reported by Neils Heinen that could theoretically allow a remote malicious attacker to send a carefully crafted mail message that can cause mutt to segfault and, as a result, possibly execute arbitrary code as the user running mutt. The Common Vulnerabilities and Exposures project has assigned the name CAN-2004-0078 to this issue. ■

Mandrake reference MDKSA-2004:010

Red Hat reference RHSA-2004:051-05

Security Posture of Major Distributions

Distributor	Security Sources	Comments
Debian	Info: http://www.debian.org/security/ List: http://lists.debian.org/debian-security-announce/ Reference: DSA-... 1)	The current Debian security advisories are included on the homepage. Advisories are provided as HTML pages with links to the patches. The security advisory also contains a reference to the mailing list.
Gentoo	Forum: http://forums.gentoo.org/ List: http://www.gentoo.org/main/en/lists.xml Reference: GLSA: ... 1)	Unfortunately, Gentoo does not offer a website with security updates or other security information. This forum is the only alternative.
Mandrake	Info: http://www.mandrakesecure.net/ List: http://www.mandrakesecure.net/en/mlist.php Reference: MDKSA-... 1)	MandrakeSoft runs its own Web site on security topics. Among other things, it includes security advisories and references to the mailing lists. The advisories are HTML pages, but there are no links to the patches.
Red Hat	Info: http://www.redhat.com/errata/ List: http://www.redhat.com/mailling-lists/ Reference: RHSA-... 1)	Red Hat files security advisories as so-called Errata: Issues for each Red Hat Linux version are then grouped. The security advisories are provided in the form of an HTML page with links to patches.
Slackware	Info: http://www.slackware.com/security/ List: http://www.slackware.com/lists/(slackware-security) Reference: [slackware-security] ... 1)	The start page contains links to the security mailing list archive. No additional information on Slackware security is available.
Suse	Info: http://www.suse.de/uk/private/support/security/ Patches: http://www.suse.de/uk/private/download/updates/ List: suse-security-announce Reference: SUSE-SA ... 1)	There is no longer a link to the security page after changes to the Web site. It contains information on the mailing list and the advisories. The security patches for the individual Suse Linux versions are shown in red on the general updates site. A short description of the vulnerability the patch resolves is provided

1) All distributors indicate security mails in the subject line.

