

# FreeBSD 6.3-RELEASE Errata

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`$FreeBSD: stable/6/release/doc/en_US.ISO8859-1/errata/article.sgml 181797  
2008-08-17 13:01:37Z bmah $`

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This document lists errata items for FreeBSD 6.3-RELEASE, containing significant information discovered after the release or too late in the release cycle to be otherwise included in the release documentation. This information includes security advisories, as well as news relating to the software or documentation that could affect its operation or usability. An up-to-date version of this document should always be consulted before installing this version of FreeBSD.

This errata document for FreeBSD 6.3-RELEASE will be maintained until the release of FreeBSD 6.4-RELEASE.

## 1 Introduction

This errata document contains “late-breaking news” about FreeBSD 6.3-RELEASE. Before installing this version, it is important to consult this document to learn about any post-release discoveries or problems that may already have been found and fixed.

Any version of this errata document actually distributed with the release (for example, on a CDROM distribution) will be out of date by definition, but other copies are kept updated on the Internet and should be consulted as the “current errata” for this release. These other copies of the errata are located at <http://www.FreeBSD.org/releases/>, plus any sites which keep up-to-date mirrors of this location.

Source and binary snapshots of FreeBSD 6-STABLE also contain up-to-date copies of this document (as of the time of the snapshot).

For a list of all FreeBSD CERT security advisories, see <http://security.FreeBSD.org/> or <ftp://ftp.FreeBSD.org/pub/FreeBSD/CERT/>.

## 2 Late-Breaking News and Corrections

[20080204] The ISO images of FreeBSD 6.3-RELEASE are sized for 700MB CD-ROM media (ISO images of all prior versions assumed 650MB media). This fact should have been mentioned in the release notes.

[20080204] Contrary to the release notes, `ipfwpcap(8)` is *not* a feature included in FreeBSD 6.3-RELEASE. It was merged to the 6-STABLE codeline after the release branch was created. This utility will be included in subsequent snapshots of 6-STABLE and in 6.4-RELEASE.

[20080229] The release notes gave an incorrect version number for KDE. The correct version number is 3.5.8.

## 3 Security Advisories

The following security advisories pertain to FreeBSD 6.3-RELEASE. For more information, consult the individual advisories available from <http://security.FreeBSD.org/>.

Advisory	Date	Topic
SA-08:03.sendfile <sub>1</sub>	14 February 2008	sendfile(2) write-only file permission bypass
SA-08:05.openssh <sub>1</sub>	17 April 2008	OpenSSH X11-forwarding privilege escalation
SA-08:06.bind <sub>1</sub>	13 July 2008	DNS cache poisoning

1. <http://security.FreeBSD.org/advisories/FreeBSD-SA-08:03.sendfile.asc>

1. <http://security.freebsd.org/advisories/FreeBSD-SA-08:05.openssh.asc>

1. <http://security.freebsd.org/advisories/FreeBSD-SA-08:06.bind.asc>

## 4 Known Problems and Solutions

[20080229] A bug in Linux emulation may cause segmentation faults for some Linux programs using `mmap(2)`. This issue has been fixed on the HEAD and RELENG\_6 branches.

[20080229, updated 20080420] Multithreaded programs that perform a `fork(2)` operation may crash due to a race condition in the threading library. This problem has been fixed on the HEAD, RELENG\_6, and RELENG\_6\_3 branches, and is addressed by errata notice FreeBSD-EN-08:01.libpthread<sup>1</sup>.

[20080307] When using `sysinstall(8)` to install the X.org packages, selecting only specific components to be installed may result in the `x11/xorg-drivers` package not being installed, and a corresponding failure of X.org server to configure itself correctly. The recommended way to a functioning X.org installation is simply to select **All** from the Distributions menu.

[20080420] A reference counting bug in the IP multicast code could cause kernel panics under some circumstances. It has been fixed on the RELENG\_6 branch by revision 1.85.2.10 of `sys/netinet/in.c`.

1. <http://security.FreeBSD.org/advisories/FreeBSD-EN-08:01.libpthread.asc>