

FreeBSD 7.0-RELEASE Errata

The FreeBSD Project

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This document lists errata items for FreeBSD 7.0-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 7.0-RELEASE will be maintained until the release of FreeBSD 7.1-RELEASE.

1 Introduction

This errata document contains “late-breaking news” about FreeBSD 7.0-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version of this errata document actually distributed with the release (for example, on a CDROM distribution) will be out of date by definition, but other copies are kept updated on the Internet and should be consulted as the “current errata” for this release.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 7-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://www.FreeBSD.org/security/> or <ftp://ftp.FreeBSD.org/pub/FreeBSD/CERT/>.

2 Security Advisories

The following security advisories pertain to FreeBSD 7.0-RELEASE. For more information, consult the individual advisories available from <http://security.FreeBSD.org/>.

Advisory	Date	Topic
SA-08:05.openssh ₁	17 April 2008	OpenSSH X11-forwarding privilege escalation
SA-08:06.bind ₁	13 July 2008	DNS cache poisoning

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

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

3 Open Issues

[20080229] `tcpdump(1)` does not correctly print the TX/RX rates for 802.11 frames. This issue has been fixed on the HEAD and RELENG_7 branches.

[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_7 branches.

[20080229] Instances of packet corruption and instability have been observed with the `re(4)` network driver. Some users have reported that using a newer version of this driver (on HEAD) has solved their problems, or at least mitigated them.

[20080229, updated 20080817] A change in the way that FreeBSD sends TCP options has been reported to cause connectivity issues. This problem has been corrected on HEAD and the RELENG_7 and RELENG_7_0 branches.. Further details are contained in errta notice FreeBSD-EN-08:02.tcp¹.

[20080307] The FreeBSD implementation of SCTP currently depends on having `INET6` support compiled into the kernel. This requirement is planned to be removed in future releases.

[20080307] Source upgrades from FreeBSD 6.x to FreeBSD 7.0-RELEASE will generate warnings from `kldxref(8)` during the `installkernel` step. These warnings are harmless and can be ignored.

[20080307] The `crypto(4)` driver, which is required for IPsec functionality, has severe problems on FreeBSD/powerpc (a kernel with `device crypto` included in its configuration will be non-functional).

4 Late-Breaking News and Corrections

[20080229] The FreeBSD 7.0-RELEASE release documentation (release notes, hardware notes, and so forth) all contained a note that users of FreeBSD 7-STABLE should be subscribed to the `freebsd-current` mailing list. This note should not have appeared.

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

1. <http://security.FreeBSD.org/advisories/FreeBSD-EN-08:02.tcp.asc>