



CVE-2005-0109

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2005-0109
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2005-03-05 05:00:00 UTC
Updated	2018-10-16 12:06:00 UTC
Description	Hyper-Threading technology, as used in FreeBSD and other operating systems that are run on Intel Pentium and other proc

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Freebsd	Freebsd	5.4	release	All	All
Operating System	Freebsd	Freebsd	5.4	release	All	All
Operating System	Freebsd	Freebsd	1.1.5.1	All	All	All
Operating System	Freebsd	Freebsd	2.0	All	All	All
Operating System	Freebsd	Freebsd	2.0.5	All	All	All
Operating System	Freebsd	Freebsd	2.1.0	All	All	All
Operating System	Freebsd	Freebsd	2.1.5	All	All	All
Operating System	Freebsd	Freebsd	2.1.6	All	All	All
Operating System	Freebsd	Freebsd	2.1.6.1	All	All	All
Operating System	Freebsd	Freebsd	2.1.7.1	All	All	All
Operating System	Freebsd	Freebsd	2.2	All	All	All
Operating System	Freebsd	Freebsd	2.2.2	All	All	All
Operating System	Freebsd	Freebsd	2.2.3	All	All	All
Operating System	Freebsd	Freebsd	2.2.4	All	All	All
Operating System	Freebsd	Freebsd	2.2.5	All	All	All
Operating System	Freebsd	Freebsd	2.2.6	All	All	All
Operating System	Freebsd	Freebsd	2.2.8	All	All	All

Operating System	Freebsd	Freebsd	3.0	All	All	All
Operating System	Freebsd	Freebsd	3.0	releng	All	All
Operating System	Freebsd	Freebsd	3.1	All	All	All
Operating System	Freebsd	Freebsd	3.2	All	All	All
Operating System	Freebsd	Freebsd	3.3	All	All	All
Operating System	Freebsd	Freebsd	3.4	All	All	All
Operating System	Freebsd	Freebsd	3.5	All	All	All
Operating System	Freebsd	Freebsd	3.5	stable	All	All
Operating System	Freebsd	Freebsd	3.5.1	All	All	All
Operating System	Freebsd	Freebsd	3.5.1	release	All	All
Operating System	Freebsd	Freebsd	3.5.1	stable	All	All
Operating System	Freebsd	Freebsd	4.0	All	All	All
Operating System	Freebsd	Freebsd	4.0	alpha	All	All
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Operating System	Freebsd	Freebsd	4.10	release	All	All
Operating System	Freebsd	Freebsd	4.10	release_p8	All	All
Operating System	Freebsd	Freebsd	4.10	releng	All	All
Operating System	Freebsd	Freebsd	4.11	release_p3	All	All
Operating System	Freebsd	Freebsd	4.11	releng	All	All
Operating System	Freebsd	Freebsd	4.11	stable	All	All
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Operating System	Freebsd	Freebsd	4.2	stable	All	All
Operating System	Freebsd	Freebsd	4.3	All	All	All
Operating System	Freebsd	Freebsd	4.3	release	All	All
Operating System	Freebsd	Freebsd	4.3	release_p38	All	All
Operating System	Freebsd	Freebsd	4.3	releng	All	All
Operating System	Freebsd	Freebsd	4.3	stable	All	All
Operating System	Freebsd	Freebsd	4.4	All	All	All
Operating System	Freebsd	Freebsd	4.4	release_p42	All	All
Operating System	Freebsd	Freebsd	4.4	releng	All	All

Operating System	Freebsd	Freebsd	4.4	stable	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.5	release	All	All
Operating System	Freebsd	Freebsd	4.5	release_p32	All	All
Operating System	Freebsd	Freebsd	4.5	releng	All	All
Operating System	Freebsd	Freebsd	4.5	stable	All	All
Operating System	Freebsd	Freebsd	4.6	All	All	All
Operating System	Freebsd	Freebsd	4.6	release	All	All
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Operating System	Freebsd	Freebsd	4.6	releng	All	All
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Operating System	Freebsd	Freebsd	4.8	All	All	All
Operating System	Freebsd	Freebsd	4.8	pre-release	All	All
Operating System	Freebsd	Freebsd	4.8	release_p6	All	All
Operating System	Freebsd	Freebsd	4.8	releng	All	All
Operating System	Freebsd	Freebsd	4.9	All	All	All
Operating System	Freebsd	Freebsd	4.9	pre-release	All	All
Operating System	Freebsd	Freebsd	4.9	releng	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
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Operating System	Freebsd	Freebsd	5.0	release_p14	All	All
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Operating System	Freebsd	Freebsd	5.1	alpha	All	All
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Operating System	Freebsd	Freebsd	5.2	All	All	All
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Operating System	Freebsd	Freebsd	5.2.1	release	All	All

Operating System	Freebsd	Freebsd	5.2.1	releng	All	All
Operating System	Freebsd	Freebsd	5.3	All	All	All
Operating System	Freebsd	Freebsd	5.3	release	All	All
Operating System	Freebsd	Freebsd	5.3	releng	All	All
Operating System	Freebsd	Freebsd	5.3	stable	All	All
Operating System	Freebsd	Freebsd	5.4	pre-release	All	All
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Operating System	Freebsd	Freebsd	3.5.1	stable	All	All
Operating System	Freebsd	Freebsd	4.0	All	All	All
Operating System	Freebsd	Freebsd	4.0	alpha	All	All
Operating System	Freebsd	Freebsd	4.0	releng	All	All
Operating System	Freebsd	Freebsd	4.1	All	All	All

Operating System	Freebsd	Freebsd	4.1.1	All	All	All
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Operating System	Freebsd	Freebsd	4.3	release_p38	All	All
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Operating System	Freebsd	Freebsd	4.4	releng	All	All
Operating System	Freebsd	Freebsd	4.4	stable	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.5	release	All	All
Operating System	Freebsd	Freebsd	4.5	release_p32	All	All
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Operating System	Freebsd	Freebsd	4.5	stable	All	All
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Operating System	Freebsd	Freebsd	4.6	release_p20	All	All
Operating System	Freebsd	Freebsd	4.6	releng	All	All
Operating System	Freebsd	Freebsd	4.6	stable	All	All
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Operating System	Freebsd	Freebsd	4.7	All	All	All
Operating System	Freebsd	Freebsd	4.7	release	All	All
Operating System	Freebsd	Freebsd	4.7	release_p17	All	All

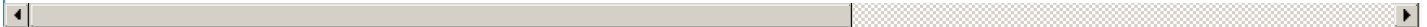
Operating System	Freebsd	Freebsd	4.7	releng	All	All
Operating System	Freebsd	Freebsd	4.7	stable	All	All
Operating System	Freebsd	Freebsd	4.8	All	All	All
Operating System	Freebsd	Freebsd	4.8	pre-release	All	All
Operating System	Freebsd	Freebsd	4.8	release_p6	All	All
Operating System	Freebsd	Freebsd	4.8	releng	All	All
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Operating System	Freebsd	Freebsd	4.9	pre-release	All	All
Operating System	Freebsd	Freebsd	4.9	releng	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
Operating System	Freebsd	Freebsd	5.0	alpha	All	All
Operating System	Freebsd	Freebsd	5.0	release_p14	All	All
Operating System	Freebsd	Freebsd	5.0	releng	All	All
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Operating System	Freebsd	Freebsd	5.1	release_p5	All	All
Operating System	Freebsd	Freebsd	5.1	releng	All	All
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Operating System	Freebsd	Freebsd	5.2.1	releng	All	All
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Operating System	Freebsd	Freebsd	5.3	release	All	All
Operating System	Freebsd	Freebsd	5.3	releng	All	All
Operating System	Freebsd	Freebsd	5.3	stable	All	All
Operating System	Freebsd	Freebsd	5.4	pre-release	All	All
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Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation_ia64	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	workstation_server	All
Operating System	Redhat	Enterprise Linux	4.0	All	advanced_server	All

Operating System	Redhat	Enterprise Linux	4.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	4.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	4.0	All	workstation	All
Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation_ia64	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
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Operating System	Redhat	Enterprise Linux	4.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	4.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	4.0	All	workstation	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	4.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All
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Operating System	Redhat	Fedora Core	core_3.0	All	All	All
Operating System	Redhat	Fedora Core	core_3.0	All	All	All
Operating System	Sco	Opensever	5.0.7	All	All	All
Operating System	Sco	Opensever	5.0.7	All	All	All
Operating System	Sco	Unixware	7.1.3	All	All	All
Operating System	Sco	Unixware	7.1.3_up	All	All	All
Operating System	Sco	Unixware	7.1.4	All	All	All
Operating System	Sco	Unixware	7.1.3	All	All	All
Operating System	Sco	Unixware	7.1.3_up	All	All	All
Operating System	Sco	Unixware	7.1.4	All	All	All
Operating System	Sun	Solaris	10.0	All	sparc	All
Operating System	Sun	Solaris	7.0	All	x86	All
Operating System	Sun	Solaris	8.0	All	x86	All
Operating System	Sun	Solaris	9.0	All	x86	All
Operating System	Sun	Solaris	9.0	x86_update_2	All	All
Operating System	Sun	Solaris	10.0	All	sparc	All
Operating System	Sun	Solaris	7.0	All	x86	All

Operating System	Sun	Solaris	8.0	All	x86	All
Operating System	Sun	Solaris	9.0	All	x86	All
Operating System	Sun	Solaris	9.0	x86_update_2	All	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ia64	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ppc	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	amd64	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	i386	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	powerpc	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ia64	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ppc	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	amd64	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	i386	All
Operating System	Ubuntu	Ubuntu Linux	5.04	All	powerpc	All

References

Reference	Source	Link
Hyper-Threading considered harmful	MISC	www
Multiple Vendor Hyper-Threading Technology Information Disclosure Vulnerability	BID	www
'[Fwd: Re: FW:FreeBSD hiding security stuff]' - MARC	MLIST	ma
Secunia - Advisories - IBM HMC OpenSSL Vulnerabilities	SECUNIA	sec
SCOSA-2005.24	SCO	ftp.
www.daemonology.net/papers/htt.pdf	MISC	ww
rhn.redhat.com Red Hat Support	REDHAT	ww
US-CERT Vulnerability Note VU#911878	CERT-VN	ww
Webmail - OVH	VUPEN	ww
'Re: FW:FreeBSD hiding security stuff' - MARC	MLIST	ma
IBM notice: The page you requested cannot be displayed	MISC	ww
Repository / Oval Repository	OVAL	ova
Webmail - OVH	VUPEN	ww
'Re: FreeBSD hiding security stuff' - MARC	MLIST	ma
Secunia - Advisories - FreeBSD Hyper-Threading Support Information Disclosure	SECUNIA	sec
#101739: Simultaneous Multi-Threading Processors May Leak Information	SUNALERT	sur
rhn.redhat.com Red Hat Support	REDHAT	ww
SecurityTracker.com Archives - FreeBSD Hyper-Threading Technology Support May Disclose Information to Local Users	SECTRACK	sec
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvr



Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2007-03-14	Mark J Cox	Red Hat Enterprise Linux 5 is not vulnerable to this issue as it contains a backported patch.

Legacy QID Mappings

690307	Free Berkeley Software Distribution (FreeBSD) Security Update for kernel (180e9a38-060f-4c16-a6b7-49f3505ff22a)
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