CVE-2009-2910

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Summary

CVE	CVE-2009-2910
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-10-20 17:30:00 UTC
Updated	2023-02-13 02:20:00 UTC
Description	arch/x86/ia32/ia32entry.S in the Linux kernel before 2.6.31.4 on the x86_64 platform does not clear certain kernel registers

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.10	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.10	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Fedoraproject	Fedora	10	All	All	All
Operating System	Fedoraproject	Fedora	10	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Opensuse	11.0	All	All	All
Operating System	Opensuse	Opensuse	11.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	5.0	All	All	All

Operating System	Redhat	Enterprise Linux Desktop	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	5.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	5.4	All	All	All
Operating System	Redhat	Enterprise Linux Server	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	5.0	All	All	All
Application	Redhat	Virtualization	5	All	All	All
Application	Redhat	Virtualization	5	All	All	All
Application	Suse	Linux Enterprise Debuginfo	10	sp2	All	All
Application	Suse	Linux Enterprise Debuginfo	10	sp2	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp2	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp2	All	All
Operating System	Suse	Linux Enterprise Server	10	sp2	All	All
Operating System	Suse	Linux Enterprise Server	9	All	All	All
Operating System	Suse	Linux Enterprise Server	10	sp2	All	All
Operating System	Suse	Linux Enterprise Server	9	All	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	10	sp2	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	10	sp2	All	All

References

Reference	Source	Link
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.or
[SECURITY] Fedora 10 Update: kernel-2.6.27.37-170.2.104.fc10	FEDORA	www.redhat.com
git.kernel.org	CONFIRM	git.kernel.org
rhn.redhat.com | Red Hat Support	REDHAT	rhn.redhat.com
526788 – (CVE-2009-2910) CVE-2009-2910 kernel: x86_64 32 bit process register leak	CONFIRM	bugzilla.redhat.c
USN-864-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Fedora update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
ASA-2010-026 (RHSA-2010-0046)	CONFIRM	support.avaya.c
404: File not found	CONFIRM	www.kernel.org
'[oss-security] CVE Request (kernel)' - MARC	MLIST	marc.info
SUSE update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com
Linux Kernel 64bit Kernel Register Value Leak - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com

Linux Kernel 64-bit Kernel Register Memory Leak Local Information Disclosure Vulnerability	BID	www.securityfocu
Support	REDHAT	www.redhat.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
'Re: [oss-security] CVE Request (kernel)' - MARC	MLIST	marc.info
'Re: [oss-security] CVE Request (kernel)' - MARC	MLIST	marc.info
LKML: tip-bot for Jan Beulich: [tip:x86/urgent] x86: Don't leak 64-bit kernel register values to 32-bit processes	MLIST	lkml.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.or
git.kernel.org	MISC	git.kernel.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.or
Repository / Oval Repository	OVAL	oval.cisecurity.or
oss-security - Re: CVE Request (kernel)	MLIST	www.openwall.co
Repository / Oval Repository	OVAL	oval.cisecurity.or
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2010-01-21	Tomas Hoger	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.com

There are currently no legacy QID mappings associated with this CVE.

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