



CVE-2009-2910

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

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

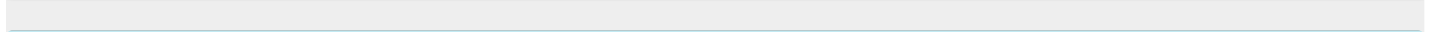
References						
Reference			Source		Link	
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20			SUSE		lists.opensuse.or	
[SECURITY] Fedora 10 Update: kernel-2.6.27.37-170.2.104.fc10			FEDORA		www.redhat.com	
git.kernel.org			CONFIRM		git.kernel.org	
rhn.redhat.com Red Hat Support			REDHAT		rhn.redhat.com	
526788 – (CVE-2009-2910) CVE-2009-2910 kernel: x86_64 32 bit process register leak			CONFIRM		bugzilla.redhat.co	
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.cc	
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.securityfocus.com/bid/100000
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.org
git.kernel.org	MISC	git.kernel.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Repository / Oval Repository	OVAL	oval.cisecurity.org
oss-security - Re: CVE Request (kernel)	MLIST	www.openwall.com
Repository / Oval Repository	OVAL	oval.cisecurity.org
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/show_bug.cgi?id=570821



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

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