CVE-2011-1593

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Summary

CVE	CVE-2011-1593
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-05-03 20:55:00 UTC
Updated	2023-02-13 01:19:00 UTC
Description	Multiple integer overflows in the next_pidmap function in kernel/pid.c in the Linux kernel before 2.6.38.4 allow local users to

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Aus	5.6	All	All	All
Operating System	Redhat	Enterprise Linux Aus	5.6	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	5.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	5.6	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

References

Reference	Source	Link
access.redhat.com	REDHAT	rhn.redhat.com
Linux Kernel Denial of Service Vulnerabilities - Secunia.com	SECUNIA	secunia.com
USN-1146-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
IBM X-Force Exchange	XF	exchange.xforce.ibmcl
Bug 697822 – CVE-2011-1593 kernel: proc: signedness issue in next_pidmap()	CONFIRM	bugzilla.redhat.com
Linux Kernel 'next_pidmap()' Local Denial of Service Vulnerability	BID	www.securityfocus.com
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
Google Groups	MLIST	groups.google.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
oss-security - CVE request -- kernel: proc: signedness issue in next_pidmap()	MLIST	openwall.com
oss-security - Re: CVE request -- kernel: proc: signedness issue in next_pidmap()	MLIST	openwall.com
Linux Kernel Input Validation Flaw in next_pidmap() Lets Local Users Deny Service - SecurityTracker	SECTRACK	securitytracker.com
404: File not found	CONFIRM	www.kernel.org
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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