



CVE-2008-4554

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Summary

CVE	CVE-2008-4554
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2008-10-15 20:07:00 UTC
Updated	2023-11-07 02:02:00 UTC
Description	The do_splice_from function in fs/splice.c in the Linux kernel before 2.6.27 does not reject file descriptors that have the O_?

Risk And Classification

Problem Types: CWE-264 | NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.2.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.36	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.36.6	All	All	All
Operating System	Linux	Linux Kernel	2.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All

Operating System	Linux	Linux Kernel	2.6.19.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.22	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.12	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.18	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.21	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.22_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.22_rc7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.11	All	All	All

Operating System	Linux	Linux Kernel	2.6.23.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.15	All	All	All
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Operating System	Linux	Linux Kernel	2.6.23.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.23_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.4	All	All	All
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Operating System	Linux	Linux Kernel	2.6.24.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc4	All	All	All
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Operating System	Linux	Linux Kernel	2.6.25.12	All	x86_64	All
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Operating System	Linux	Linux Kernel	2.6.25.3	All	x86_64	All

Operating System	Linux	Linux Kernel	2.6.25.3	All	x86_64	All
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Operating System	Linux	Linux Kernel	2.6.25.9	All	x86_64	All
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Operating System	Linux	Linux Kernel	2.6.26.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.26.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.26.4	All	All	All
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Operating System	Linux	Linux Kernel	2.4.36.5	All	All	All
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Operating System	Linux	Linux Kernel	2.6	All	All	All
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Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.19.4	All	All	All

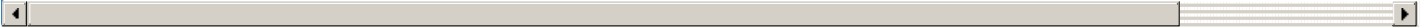
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Operating System	Linux	Linux Kernel	2.6.19.6	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.22_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.22_rc7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.10	All	All	All
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Operating System	Linux	Linux Kernel	2.6.23.13	All	All	All
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Operating System	Linux	Linux Kernel	2.6.24.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.24.7	All	All	All
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Operating System	Linux	Linux Kernel	2.6.24_rc4	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc5	All	All	All
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Operating System	Linux	Linux Kernel	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.2	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.4	All	All	All

Operating System	Linux	Linux Kernel	2.6.25.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.4	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.5	All	x86_64	All
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Operating System	Linux	Linux Kernel	2.6.26	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.26.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.26.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.26.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.26.4	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References		
Reference	Source	Link
Support	REDHAT	www.redhat.com
Ubuntu update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
Debian update for linux-2.6.24 - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
Security Advisory SA35390 - SUSE update for kernel - Secunia	SECUNIA	secunia.com
[SECURITY] Fedora 9 Update: kernel-2.6.26.6-79.fc9	FEDORA	www.redhat.com
Kernel.org git repositories	CONFIRM	git.kernel.org
Red Hat update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
oss-security - Re: CVE request: kernel: don't allow splice() to files opened with O_APPEND	MLIST	www.openwall.com
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com
oss-security - CVE request: kernel: don't allow splice() to files opened with O_APPEND	MLIST	www.openwall.com
[SECURITY] Fedora 8 Update: kernel-2.6.26.6-49.fc8	FEDORA	www.redhat.com
About Secunia Research Flexera	SECUNIA	secunia.com
Fedora update for kernel - Secunia.com	SECUNIA	secunia.com
Advisories Mandriva	MANDRIVA	www.mandriva.com
Bug 466707 – CVE-2008-4554 kernel: don't allow splice() to files opened with O_APPEND	MISC	bugzilla.redhat.com

[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Support	REDHAT	www.redhat.com
Debian -- Security Information -- DSA-1681-1 linux-2.6.24	DEBIAN	www.debian.org
404: File not found	CONFIRM	www.kernel.org
Linux Kernel 'do_splice_from()' Local Security Bypass Vulnerability	BID	www.securityfocus.com
Debian -- Security Information -- DSA-1687-1 linux-2.6	DEBIAN	www.debian.org
Kernel.org git repositories		git.kernel.org
Repository / Oval Repository	OVAL	oval.cisecurity.org
USN-679-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
Red Hat update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
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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