



CVE-2010-1084

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

Summary

CVE	CVE-2010-1084
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-04-06 22:30:00 UTC
Updated	2023-11-07 02:05:00 UTC
Description	Linux kernel 2.6.18 through 2.6.33, and possibly other versions, allows remote attackers to cause a denial of service (memory consumption) by sending a large number of requests to the kernel.

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.3	All	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

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Operating System	Linux	Linux Kernel	2.6.28.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc8	All	All
Operating System	Linux	Linux Kernel	2.6.31.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.4	All	All	All

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Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	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
Operating System	Linux	Linux Kernel	2.6.24.5	All	All	All
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	2.6.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.26	All	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

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Operating System	Linux	Linux Kernel	2.6.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.29.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.31	rc8	All	All
Operating System	Linux	Linux Kernel	2.6.31.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.4	All	All	All

Operating System	Linux	Linux Kernel	2.6.31.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	All	All	All

References			
Reference	Source	Link	Topic
oss-security - CVE request: kernel: bluetooth: potential bad memory access with sysfs files	MLIST	www.openwall.com	Product
Debian -- Security Information -- DSA-2053-1 linux-2.6	DEBIAN	www.debian.org	
kernel/git/torvalds/linux.git - Linux kernel source tree		git.kernel.org	
SecurityFocus	BUGTRAQ	www.securityfocus.com	
Linux Kernel Bluetooth Sysfs File Local Privilege Escalation Vulnerability	BID	www.securityfocus.com	
VMSA-2011-0003	CONFIRM	www.vmware.com	
Debian update for linux-2.6 - Advisories - Community	SECUNIA	secunia.com	
CVE-2010-1084	MISC	security-tracker.debian.org	
Support	REDHAT	www.redhat.com	
VMware ESX Server Multiple Kernel Vulnerabilities - Advisories - Community	SECUNIA	secunia.com	
Bug 576018 – CVE-2010-1084 kernel: bluetooth: potential bad memory access with sysfs files	CONFIRM	bugzilla.redhat.com	Product
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Product
CVE Program record	CVE.ORG	www.cve.org	Category
NVD vulnerability detail	NVD	nvd.nist.gov	Category

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2010-04-07	Vincent Danen	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.co

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

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