



CVE-2008-4618

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

Summary

CVE	CVE-2008-4618
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2008-10-21 00:10:00 UTC
Updated	2023-11-07 02:02:00 UTC
Description	The Stream Control Transmission Protocol (sctp) implementation in the Linux kernel before 2.6.27 does not properly handle

Risk And Classification

Problem Types: CWE-20 | 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
Operating System	Linux	Linux Kernel	2.6.22.1	All	All	All
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
Operating System	Linux	Linux Kernel	2.6.22.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.20	All	All	All
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
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
Operating System	Linux	Linux Kernel	2.6.23.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.17	All	All	All
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
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	2.6.24_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc4	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	x86_64	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	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	x86_64	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	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
Operating System	Linux	Linux Kernel	2.6.25.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.6	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.9	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.26	All	All	All
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	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
Operating System	Linux	Linux Kernel	2.6.22.1	All	All	All
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
Operating System	Linux	Linux Kernel	2.6.22.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.20	All	All	All
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
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
Operating System	Linux	Linux Kernel	2.6.23.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.17	All	All	All
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
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	2.6.24_rc1	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc4	All	All	All
Operating System	Linux	Linux Kernel	2.6.24_rc5	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.25	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.1	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	x86_64	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	2.6.25.1 /	All	All	All
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	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
Operating System	Linux	Linux Kernel	2.6.25.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.6	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.7	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.8	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.25.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.9	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.26	All	All	All
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
Linux Kernel SCTP Protocol Violation Remote Denial of Service Vulnerability		BID	www.securityfocus.com
oss-security - CVE request: kernel: sctp: Fix kernel panic while process protocol violation parameter		MLIST	www.openwall.com
git.kernel.org			git.kernel.org
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
git.kernel.org		CONFIRM	git.kernel.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

[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.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

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2009-01-22	Tomas Hoger	The versions of Linux kernel as shipped with Red Hat Enterprise Linux 2.1, 3, 4, and 5 were no

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

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://mitre.org/cve). This site includes MITRE data granted under the following [license](https://mitre.org/licenses).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report