# CVE-2009-0029

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2009-0029 |
| **State** | PUBLISHED |
| **Assigner** | redhat |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2009-01-15 17:30:00 UTC |
| **Updated** | 2026-04-23 00:35:47 UTC |
| **Description** | The ABI in the Linux kernel 2.6.28 and earlier on s390, powerpc, sparc64, and mips 64-bit platforms requires that a 32-bit a |

## Risk And Classification

**Primary CVSS:** v2.0 7.2 from nvd@nist.gov

AV:L/AC:L/Au:N/C:C/I:C/A:C

**Problem Types:** CWE-20 | n/a

### CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 4.0 | All | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 5.0 | All | All | All |
| Operating System | Linux | Linux Kernel | All | All | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Na | N/a | affected n/a | Not specified |

## References

| Reference |
|---|
| Bug 479969 – CVE-2009-0029 Linux Kernel insecure 64 bit system call argument passing |
| Debian update for linux-2.6.24 - Secunia Advisories - Vulnerability Information - Secunia.com |
| Fedora update for kernel - Secunia.com |
| Debian -- Security Information -- DSA-1787-1 linux-2.6.24 |
| Debian update for linux-2.6 - Secunia Advisories - Vulnerability Information - Secunia.com |
| Debian -- Security Information -- DSA-1749-1 linux-2.6 |
| [SECURITY] Fedora 9 Update: kernel-2.6.27.12-78.2.8.fc9 |
| [security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20 |
| 'Re: [PATCH -v7][RFC]: mutex: implement adaptive spinning' - MARC |
| Linux Kernel 64bit ABI System Call Parameter Sign Extension Security Issue - Secunia Advisories - Vulnerability Intelligence - Secunia.com |
| Support / Security / Advisories / / MDVSA-2009:135 \| Mandriva |
| Linux Kernel 64 Bit ABI System Call Parameter Privilege Escalation Vulnerability |
| Debian update for linux-2.6 - Secunia Advisories - Vulnerability Information - Secunia.com |
| Debian -- Security Information -- DSA-1794-1 linux-2.6 |
| CVE-2009-0029 - Red Hat Customer Portal |
| CVE Program record |
| NVD vulnerability detail |

## Vendor Comments And Credit

| Organization | Published | Contributor | Statement |
|---|---|---|---|
| Red Hat | 2009-06-09 | Tomas Hoger | This flaw affects most 64-bit architectures, including IBM S/390 and 64-bit PowerPC, but it does |

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

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**Free CVE JSON API** cve.report/api

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