# CVE-2009-0935

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

## Summary

| | |
|---|---|
| **CVE** | CVE-2009-0935 |
| **State** | PUBLISHED |
| **Assigner** | mitre |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2009-03-18 02:00:08 UTC |
| **Updated** | 2026-04-23 00:35:47 UTC |
| **Description** | The inotify_read function in the Linux kernel 2.6.27 to 2.6.27.13, 2.6.28 to 2.6.28.2, and 2.6.29-rc3 allows local users to cau |

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

**Problem Types:** CWE-667 | n/a

| Version | Source | Type | Score | Severity | Vector |
|---|---|---|---|---|---|
| 3.1 | nvd@nist.gov | Primary | 5.5 | MEDIUM | CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H |
| 2.0 | nvd@nist.gov | Primary | 4.7 | | AV:L/AC:M/Au:N/C:N/I:N/A:C |

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

## CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | 2.6.29 | rc3 | All | All |
| Operating System | Linux | Linux Kernel | All | 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 | Source | Link |
|---|---|---|
| Linux Kernel 'inotify_read()' Local Denial of Service Vulnerability | af854a3a-2127-422b-91ae-364da2661108 | www.securityfocus.com |
| oss-security - Re: CVE request: kernel: inotify local DoS | af854a3a-2127-422b-91ae-364da2661108 | www.openwall.com |
| oss-security - CVE request: kernel: inotify local DoS | af854a3a-2127-422b-91ae-364da2661108 | www.openwall.com |
| Bug 488935 – CVE-2009-0935 kernel: inotify local DoS | af854a3a-2127-422b-91ae-364da2661108 | bugzilla.redhat.com |
| oss-security - Re: CVE request: kernel: inotify local DoS | af854a3a-2127-422b-91ae-364da2661108 | www.openwall.com |
| IBM X-Force Exchange | af854a3a-2127-422b-91ae-364da2661108 | exchange.xforce.ibmcloud.c |
| 404: File not found | af854a3a-2127-422b-91ae-364da2661108 | www.kernel.org |
| '[patch 03/43] inotify: clean up inotify_read and fix locking' - MARC | af854a3a-2127-422b-91ae-364da2661108 | marc.info |

| | | |
|---|---|---|
| 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 | 2009-04-15 | Tomas Hoger | Not vulnerable. This issue did not affect the versions of Linux kernel as shipped with Red Hat E |

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