



# CVE-2009-0834

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

## Summary

|                 |                                                                                                                              |
|-----------------|------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2009-0834                                                                                                                |
| State           | PUBLISHED                                                                                                                    |
| Assigner        | mitre                                                                                                                        |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                 |
| Published       | 2009-03-06 11:30:02 UTC                                                                                                      |
| Updated         | 2026-04-23 00:35:47 UTC                                                                                                      |
| Description     | The audit_syscall_entry function in the Linux kernel 2.6.28.7 and earlier on the x86_64 platform does not properly handle (1 |

## Risk And Classification

Primary CVSS: v2.0 3.6 from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo | n/a

## CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

None

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

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor    | Product      | Version | Update | Edition | Language |
|------------------|-----------|--------------|---------|--------|---------|----------|
| Operating System | Canonical | Ubuntu Linux | 7.10    | All    | All     | All      |

|                  |           |                                           |      |     |     |     |
|------------------|-----------|-------------------------------------------|------|-----|-----|-----|
| Operating System | Canonical | Ubuntu Linux                              | 8.04 | All | All | All |
| Operating System | Canonical | Ubuntu Linux                              | 8.10 | All | All | All |
| 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 |
| Operating System | Opensuse  | Opensuse                                  | 10.3 | All | All | All |
| Operating System | Opensuse  | Opensuse                                  | 11.0 | All | All | All |
| Operating System | Redhat    | Enterprise Linux Desktop                  | 4.0  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Desktop                  | 5.0  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Eus                      | 4.7  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Eus                      | 5.3  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Server                   | 4.0  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Server                   | 5.0  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Server Aus               | 5.3  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Workstation              | 4.0  | All | All | All |
| Operating System | Redhat    | Enterprise Linux Workstation              | 5.0  | All | All | All |
| Operating System | Suse      | Linux Enterprise Desktop                  | 10   | sp2 | All | All |
| Operating System | Suse      | Linux Enterprise Server                   | 10   | sp2 | All | All |
| Operating System | Suse      | Linux Enterprise Software Development Kit | 10   | sp2 | All | All |

Vendor Declared Affected Products

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

References

| Reference                                                                                     | Source   |
|-----------------------------------------------------------------------------------------------|----------|
| '[oss-security] CVE request: kernel: x86-64: syscall-audit: 32/64 syscall hole' - MARC        | af854a3a |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                              | af854a3a |
| Debian update for linux-2.6.24 - Secunia Advisories - Vulnerability Information - Secunia.com | af854a3a |
| Red Hat update for kernel - Secunia.com                                                       | af854a3a |
| '[PATCH 0/2] x86-64: 32/64 syscall arch holes' - MARC                                         | af854a3a |
| rPath update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com        | af854a3a |
| Debian -- Security Information -- DSA-1787-1 linux-2.6.24                                     | af854a3a |
| SecurityFocus                                                                                 | af854a3a |
| SUSE update for kernel - Secunia.com                                                          | af854a3a |
| Support / Security / Advisories // MDVSA-2009:118   Mandriva                                  | af854a3a |
| the redhat.com   Red Hat Support                                                              | af854a3a |

|                                                                                                                                |          |
|--------------------------------------------------------------------------------------------------------------------------------|----------|
| rhn.redhat.com   Red Hat Support                                                                                               | af854a3a |
| VMware ESX and vMA Update for Multiple Packages - Secunia Advisories - Vulnerability Information - Secunia.com                 | af854a3a |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                       | af854a3a |
| [security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20                                                       | af854a3a |
| Security Advisory SA35390 - SUSE update for kernel - Secunia                                                                   | af854a3a |
| rhn.redhat.com   Red Hat Support                                                                                               | af854a3a |
| Red Hat update for kernel-rt - Secunia.com                                                                                     | af854a3a |
| [security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20                                                       | af854a3a |
| IBM X-Force Exchange                                                                                                           | af854a3a |
| CESA-2009-001 - rev 1                                                                                                          | af854a3a |
| Support                                                                                                                        | af854a3a |
| SecurityFocus                                                                                                                  | af854a3a |
| Debian update for linux-2.6 - Secunia Advisories - Vulnerability Information - Secunia.com                                     | af854a3a |
| Linux Kernel 32bit/64bit System Call Security Bypass Weaknesses - Secunia Advisories - Vulnerability Information - Secunia.com | af854a3a |
| [security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20                                                       | af854a3a |
| Bug 487990 – CVE-2009-0834 kernel: x86-64: syscall-audit: 32/64 syscall hole                                                   | af854a3a |
| Debian -- Security Information -- DSA-1800-1 linux-2.6                                                                         | af854a3a |
| USN-751-1: Linux kernel vulnerabilities   Ubuntu                                                                               | af854a3a |
| Repository / Oval Repository                                                                                                   | af854a3a |
| '[PATCH 1/2] x86-64: syscall-audit: fix 32/64 syscall hole' - MARC                                                             | af854a3a |
| VMSA-2009-0016.1                                                                                                               | af854a3a |
| Red Hat update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com                                       | af854a3a |
| Linux Kernel audit_syscall_entry() Function May Let Local Users Bypass Syscall Filtering - SecurityTracker                     | af854a3a |
| 504 Gateway Time-out                                                                                                           | af854a3a |
| SUSE update for kernel - Secunia.com                                                                                           | af854a3a |
| wiki.rpath.com/Advisories:rPSA-2009-0084                                                                                       | af854a3a |
| Debian update for linux-2.6 - Secunia Advisories - Vulnerability Information - Secunia.com                                     | af854a3a |
| Repository / Oval Repository                                                                                                   | af854a3a |
| Debian -- Security Information -- DSA-1794-1 linux-2.6                                                                         | af854a3a |
| kernel/git/torvalds/linux.git - Linux kernel source tree                                                                       | MITRE    |
| CVE Program record                                                                                                             | CVE.ORG  |
| NVD vulnerability detail                                                                                                       | NVD      |



No vendor comments have been submitted for this CVE.

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

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