CVE-2013-0871

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

Summary

CVE	CVE-2013-0871
State	PUBLISHED
Assigner	Chrome
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-02-18 04:41:50 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Race condition in the ptrace functionality in the Linux kernel before 3.7.5 allows local users to gain privileges via a PTRACE

Risk And Classification

Primary CVSS: v2.0 6.9 from nvd@nist.gov

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

Problem Types: CWE-362 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364
USN-1737-1: Linux kernel (EC2) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364
USN-1740-1: Linux kernel (OMAP4) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.7.5	af854a3a-2127-422b-91ae-364
USN-1739-1: Linux kernel vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
USN-1745-1: Linux kernel (OMAP4) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
git.kernel.org	af854a3a-2127-422b-91ae-364
USN-1742-1: Linux kernel (OMAP4) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
USN-1738-1: Linux kernel (Oneiric backport) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
USN-1744-1: Linux kernel vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
ptrace: ensure arch_ptrace/ptrace_request can never race with SIGKILL · torvalds/linux@9899d11 · GitHub	af854a3a-2127-422b-91ae-364
911937 – (CVE-2013-0871) CVE-2013-0871 kernel: race condition with PTRACE_SETREGS	af854a3a-2127-422b-91ae-364
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364
oss-security - Linux kernel race condition with PTRACE_SETREGS (CVE-2013-0871)	af854a3a-2127-422b-91ae-364
Debian -- Security Information -- DSA-2632-1 linux-2.6	af854a3a-2127-422b-91ae-364
[security-announce] SUSE-SU-2013:0674-1: important: Security update for	af854a3a-2127-422b-91ae-364
USN-1743-1: Linux kernel (Quantal HWE) vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
USN-1736-1: Linux kernel vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
USN-1741-1: Linux kernel vulnerability | Ubuntu	af854a3a-2127-422b-91ae-364
[security-announce] openSUSE-SU-2013:0925-1: important: kernel: security	af854a3a-2127-422b-91ae-364
[security-announce] SUSE-SU-2013:0341-1: important: Security update for	af854a3a-2127-422b-91ae-364
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.

Free CVE JSON API cve.report/api

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