CVE-2011-1833

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

Summary

CVE	CVE-2011-1833
State	PUBLISHED
Assigner	canonical
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-10-03 11:02:55 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Race condition in the ecryptfs_mount function in fs/ecryptfs/main.c in the eCryptfs subsystem in the Linux kernel before 3.1

Risk And Classification

Primary CVSS: v2.0 3.3 from nvd@nist.gov

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

Problem Types: CWE-264 | CWE-362 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0	rc1	All	All

Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	All	All
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All
Operating System	Linux	Linux Kernel	3.0.19	All	All	All
Operating System	Linux	Linux Kernel	3.0.2	All	All	All
Operating System	Linux	Linux Kernel	3.0.20	All	All	All
Operating System	Linux	Linux Kernel	3.0.21	All	All	All
Operating System	Linux	Linux Kernel	3.0.22	All	All	All
Operating System	Linux	Linux Kernel	3.0.23	All	All	All
Operating System	Linux	Linux Kernel	3.0.24	All	All	All
Operating System	Linux	Linux Kernel	3.0.25	All	All	All
Operating System	Linux	Linux Kernel	3.0.26	All	All	All
Operating System	Linux	Linux Kernel	3.0.27	All	All	All
Operating System	Linux	Linux Kernel	3.0.28	All	All	All
Operating System	Linux	Linux Kernel	3.0.29	All	All	All
Operating System	Linux	Linux Kernel	3.0.3	All	All	All
Operating System	Linux	Linux Kernel	3.0.30	All	All	All
Operating System	Linux	Linux Kernel	3.0.31	All	All	All
Operating System	Linux	Linux Kernel	3.0.32	All	All	All
Operating System	Linux	Linux Kernel	3.0.33	All	All	All
Operating System	Linux	Linux Kernel	3.0.34	All	All	All
Operating System	Linux	Linux Kernel	3.0.35	All	All	All
Operating System	Linux	Linux Kernel	3.0.36	All	All	All

Operating System	Linux	Linux Kernel	3.0.37	All	All	All
Operating System	Linux	Linux Kernel	3.0.38	All	All	All
Operating System	Linux	Linux Kernel	3.0.39	All	All	All
Operating System	Linux	Linux Kernel	3.0.4	All	All	All
Operating System	Linux	Linux Kernel	3.0.40	All	All	All
Operating System	Linux	Linux Kernel	3.0.41	All	All	All
Operating System	Linux	Linux Kernel	3.0.42	All	All	All
Operating System	Linux	Linux Kernel	3.0.43	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	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
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-36
[security-announce] SUSE-SU-2011:0898-1: important: Security update for	af854a3a-2127-422b-91ae-36
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1	af854a3a-2127-422b-91ae-36
Ecryptfs: Add mount option to check uid of device being mounted = exp… · torvalds/linux@7643554 · GitHub	af854a3a-2127-422b-91ae-36
Bug 731172 – CVE-2011-1833 kernel: ecryptfs: mount source TOCTOU race	af854a3a-2127-422b-91ae-36
USN-1188-1: eCryptfs vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
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