CVE-2012-0038

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

Summary

CVE	CVE-2012-0038
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-05-17 11:00:35 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Integer overflow in the xfs_acl_from_disk function in fs/xfs/xfs_acl.c in the Linux kernel before 3.1.9 allows local users to ca

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-190 | 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	4.9		AV:L/AC:L/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

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/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	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
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1.9	af854a3a-2127-422b-91ae-364da2661108	www.kern
xfs: fix acl count validation in xfs_acl_from_disk() · torvalds/linux@093019c · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.cor
oss-security - Re: CVE request: kernel: xfs heap overflow	af854a3a-2127-422b-91ae-364da2661108	www.oper
773280 – (CVE-2012-0038) CVE-2012-0038 kernel: xfs heap overflow	af854a3a-2127-422b-91ae-364da2661108	bugzilla.re
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.kernel.
xfs: validate acl count · torvalds/linux@fa8b18e · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.cor
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.kernel.
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	git.kernel.
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	git.kernel.
CVE Program record	CVE.ORG	www.cve.

NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

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