btrfs: qgroup: fix race between quota disable and quota rescan ioctl

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

Summary

CVE	CVE-2025-39759
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-11 17:15:39 UTC
Updated	2026-05-12 13:17:09 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: btrfs: qgroup: fix race between quota disable and quota re

Risk And Classification

Primary CVSS: v3.1 7 HIGH from nvd@nist.gov

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

Problem Types: CWE-362

CVSS v3.1 Breakdown

Attack Vector
Local

Attack Complexity
High

Privileges Required
Low

User Interaction
None

Scope
Unchanged

Confidentiality
High

Integrity
High

Availability
High

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

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
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 7cda0fdde5d9890976861421d20787050
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 b172535ccba12f0cf7d23b3b840989de47
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 dd0b28d877b293b1d7f8727a7de08ae36
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 c38028ce0d0045ca600b6a8345a0ff92bf
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 2fd0f5ceb997f90f4332ccbab6c7e907e6b
CNA	Linux	Linux	affected e685da14af6b31e4b336a110cb1bae1afc268be8 e1249667750399a48cafcf5945761d39fa
CNA	Linux	Linux	affected 3.12
CNA	Linux	Linux	unaffected 3.12 semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.44 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.11 6.15.* semver
CNA	Linux	Linux	unaffected 6.16.2 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/c38028ce0d0045ca600b6a8345a0ff92bfb47b66	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/7cda0fdde5d9890976861421d207870500f9aace	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/2fd0f5ceb997f90f4332ccbab6c7e907e6b2d0eb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

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**