



btrfs: do not allow relocation of partially dropped subvolumes

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2025-39738
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-11 17:15:35 UTC
Updated	2026-05-12 13:17:08 UTC

Description In the Linux kernel, the following vulnerability has been resolved: btrfs: do not allow relocation of partially dropped subvolum

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/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 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 fa086b1398cf7e5f7dee7241bd5f2855cb5d
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 fcb1f77b8ed8795608ca7a1f6505e2b07236
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 f83d4c81bda3b7d1813268ab77408f7a0ce
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 39a93e1c9dbf7e11632efeb20fc0fc1dcf64
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 125e94a4b76b7b75d194f85bedd628097d
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 4e403bd8e127d40dc7c05f06ee969c1ba15
CNA	Linux	Linux	affected 638331fa56caaaa8b4d31cc1dfbe0ce989bcff67 4289b494ac553e74e86fed1c66b2bf9530b
CNA	Linux	Linux	affected 5.11
CNA	Linux	Linux	unaffected 5.11 semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* 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 6.12.43 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/4289b494ac553e74e86fed1c66b2bf9530bc1082	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/fcb1f77b8ed8795608ca7a1f6505e2b07236c1f3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/39a93e1c9dbf7e11632efeb20fc0fc1dcf64d51	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/f83d4c81bda3b7d1813268ab77408f7a0ce691ff	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/125e94a4b76b7b75d194f85bedd628097d2121f0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/fa086b1398cf7e5f7dee7241bd5f2855cb5df8dc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/4e403bd8e127d40dc7c05f06ee969c1ba1537ec5	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.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of The MITRE Corporation and the authoritative source of CVE content is MITRE's CVE web site. This site includes MITRE data granted under the following [license](#).

Free CVE JSON API cve.report/api

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