



# Squashfs: check the inode number is not the invalid value of zero

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2024-26982
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-05-01 06:15:15 UTC
<b>Updated</b>	2026-05-12 12:16:28 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: Squashfs: check the inode number is not the invalid value

## Risk And Classification

**Primary CVSS:** v3.1 7.1 HIGH from nvd@nist.gov

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

**Problem Types:** CWE-125

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/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 6545b246a2c815a8fcd07d58240effb6ec3481b1 32c114
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 4a1b6ff
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 cf46f88
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 5b99de
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 be383e
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 7def00e
CNA	Linux	Linux	affected 6545b246a2c815a8fcd07d58240effb6ec3481b1 9253c5
CNA	Linux	Linux	affected 2.6.29
CNA	Linux	Linux	unaffected 2.6.29 semver
CNA	Linux	Linux	unaffected 5.4.291 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.235 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.179 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.130 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.30 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.8 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - BIOS	affected * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

## References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	lists.d
cert-portal.siemens.com/productcert/html/ssa-503939.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-p
git.kernel.org/stable/c/5b99dea79650b50909c50aba24fbae00f203f013	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.ke
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...	af854a3a-2127-422b-91ae-364da2661108	lists.f
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-p
git.kernel.org/stable/c/cf46f88b92cfc0e32bd8a21ba1273cff13b8745f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.ke
git.kernel.org/stable/c/7def00ebc9f2d6a581ddf46ce4541f84a10680e5	af854a3a-2127-422b-91ae-364da2661108	git.ke
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...	af854a3a-2127-422b-91ae-364da2661108	lists.f

git.kernel.org/stable/c/32c114a58236fe67141634774559f21f1dc96fd7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.ke</a>
git.kernel.org/stable/c/9253c54e01b6505d348afbc02abaa4d9f8a01395	af854a3a-2127-422b-91ae-364da2661108	<a href="#">git.ke</a>
lists.debian.org/debian-lts-announce/2025/05/msg00045.html	af854a3a-2127-422b-91ae-364da2661108	<a href="#">lists.d</a>
git.kernel.org/stable/c/4a1b6f89825e267e156ccaeba3d235edcac77f94	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.ke</a>
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...	af854a3a-2127-422b-91ae-364da2661108	<a href="#">lists.f</a>
git.kernel.org/stable/c/be383effaee3d89034f0828038f95065b518772e	af854a3a-2127-422b-91ae-364da2661108	<a href="#">git.ke</a>
CVE Program record	CVE.ORG	<a href="#">www.</a>
NVD vulnerability detail	NVD	<a href="#">nvd.n</a>

No vendor comments have been submitted for this CVE.

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

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