



# btrfs: fix zero size inode with non-zero size after log replay

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-43118
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-06 10:16:25 UTC
<b>Updated</b>	2026-05-08 17:30:34 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: btrfs: fix zero size inode with non-zero size after log replay

## 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:** NVD-CWE-noinfo

## 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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 12fcfd22fe5bf4fe74710232098bc101af497995 fddb157536e67a055597f00a8b4922d5f5ed0826 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 12fcfd22fe5bf4fe74710232098bc101af497995 03e966b63df5b06790310c1faaf3e0cb43adea8b git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 12fcfd22fe5bf4fe74710232098bc101af497995 5254d4181add9dfaa5e3519edd71cc8f752b2f85 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 2.6.30
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 2.6.30 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.24 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.14 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/fddb157536e67a055597f00a8b4922d5f5ed0826">git.kernel.org/stable/c/fddb157536e67a055597f00a8b4922d5f5ed0826</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/03e966b63df5b06790310c1faaf3e0cb43adea8b">git.kernel.org/stable/c/03e966b63df5b06790310c1faaf3e0cb43adea8b</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/5254d4181add9dfaa5e3519edd71cc8f752b2f85">git.kernel.org/stable/c/5254d4181add9dfaa5e3519edd71cc8f752b2f85</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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