



# gfs2: Validate i\_depth for exhash directories

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

## Summary

<b>CVE</b>	CVE-2025-38710
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-09-04 16:15:40 UTC
<b>Updated</b>	2026-04-11 13:16:35 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: gfs2: Validate i_depth for exhash directories A fuzzer test

## 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	Linux	Linux Kernel	All	All	All	All

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 9a0045088d888c9c539c8c626a366cb52c0fbdab cddea0c721106ea480371412d8de21705eb27376 g
CNA	Linux	Linux	affected 9a0045088d888c9c539c8c626a366cb52c0fbdab 53a0249d68a210c16e961b83adfa82f94ee0a53d git
CNA	Linux	Linux	affected 9a0045088d888c9c539c8c626a366cb52c0fbdab b5f46951e62377b6e406fadc18bc3c5bdf1632a7 git
CNA	Linux	Linux	affected 9a0045088d888c9c539c8c626a366cb52c0fbdab 9680c58675b82348ab84d387e4fa727f7587e1a0 git
CNA	Linux	Linux	affected 9a0045088d888c9c539c8c626a366cb52c0fbdab 557c024ca7250bb65ae60f16c02074106c2f197b git
CNA	Linux	Linux	affected 2.6.26
CNA	Linux	Linux	unaffected 2.6.26 semver
CNA	Linux	Linux	unaffected 6.6.134 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

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/cddea0c721106ea480371412d8de21705eb27376	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/53a0249d68a210c16e961b83adfa82f94ee0a53d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/9680c58675b82348ab84d387e4fa727f7587e1a0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/b5f46951e62377b6e406fadc18bc3c5bdf1632a7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/557c024ca7250bb65ae60f16c02074106c2f197b	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>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

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

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