



futex: Require sys_futex_requeue() to have identical flags

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

Summary

CVE	CVE-2026-31554
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:29 UTC
Updated	2026-04-27 20:14:55 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: futex: Require sys_futex_requeue() to have identical flags

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000180000 probability, percentile 0.046080000 (date 2026-04-27)

Problem Types: CWE-416

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

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 0f4b5f972216782a4acb1ae00dcb55173847c2ff 027145ace09fad4c7cbcd6c61fe9b429c63eb0e5 git
CNA	Linux	Linux	affected 0f4b5f972216782a4acb1ae00dcb55173847c2ff 18b7d09c2b794c71d4252f3ea2cf84ad12b73d6a git
CNA	Linux	Linux	affected 0f4b5f972216782a4acb1ae00dcb55173847c2ff e2f78c7ec1655fedd945366151ba54fcb9580508 git
CNA	Linux	Linux	affected 0f4b5f972216782a4acb1ae00dcb55173847c2ff 19f94b39058681dec64a10ebeb6f23fe7fc3f77a git
CNA	Linux	Linux	affected 6.7
CNA	Linux	Linux	unaffected 6.7 semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References				
Reference	Source	Link	Tags	
git.kernel.org/stable/c/19f94b39058681dec64a10ebeb6f23fe7fc3f77a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch	
git.kernel.org/stable/c/027145ace09fad4c7cbcd6c61fe9b429c63eb0e5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch	
git.kernel.org/stable/c/18b7d09c2b794c71d4252f3ea2cf84ad12b73d6a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch	
git.kernel.org/stable/c/e2f78c7ec1655fedd945366151ba54fcb9580508	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch	
CVE Program record	CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail	NVD	nvd.nist.gov	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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