



mailbox: Prevent out-of-bounds access in fw_mbox_index_xlate()

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

Summary

CVE	CVE-2026-43281
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-06 12:16:49 UTC
Updated	2026-05-08 19:13:43 UTC

Description In the Linux kernel, the following vulnerability has been resolved: mailbox: Prevent out-of-bounds access in fw_mbox_index

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 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c 2662ed331a69c0b551f78af58f12eb629a89a36f git
CNA	Linux	Linux	affected 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c 31c4c67dec3362094a6747a171a4848e98542265
CNA	Linux	Linux	affected 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c 01d9a8c2615d436b2b30c19c1afe9fcd5726ff6d git
CNA	Linux	Linux	affected 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c 4caae8168d1b808c7d4ff481295292e3f97f90fb git
CNA	Linux	Linux	affected 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c f50b39fd7c72a8734153644ee945ca0d8b2e65ab g
CNA	Linux	Linux	affected 2b6d83e2b8b7de82331a6a1dcd64b51020a6031c fcd7f96c783626c07ee3ed75fa3739a8a2052310 gi
CNA	Linux	Linux	affected 3.18
CNA	Linux	Linux	unaffected 3.18 semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.77 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.16 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.6 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/01d9a8c2615d436b2b30c19c1afe9fcd5726ff6d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4caae8168d1b808c7d4ff481295292e3f97f90fb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/fcd7f96c783626c07ee3ed75fa3739a8a2052310	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2662ed331a69c0b551f78af58f12eb629a89a36f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f50b39fd7c72a8734153644ee945ca0d8b2e65ab	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/31c4c67dec3362094a6747a171a4848e98542265	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	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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