media: rockchip: rga: Fix possible ERR_PTR dereference in rga_buf_init()

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Summary

CVE	CVE-2026-43297
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-08 14:16:36 UTC
Updated	2026-05-15 14:59:43 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: media: rockchip: rga: Fix possible ERR_PTR dereference

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

EPSS: 0.000180000 probability, percentile 0.047270000 (date 2026-05-12)

Problem Types: CWE-476

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 6040702ade234c8212dcfdef85e2f5549aa2f0f5 5da29ade540b51763b950987bd410add7edaf3d1 git
CNA	Linux	Linux	affected 6040702ade234c8212dcfdef85e2f5549aa2f0f5 1af2853b4e97fd95262fdef311b2334337069bc9 git
CNA	Linux	Linux	affected 6040702ade234c8212dcfdef85e2f5549aa2f0f5 aa22221c5dc695a3d479e1e1b63f0c0e9eb29dbf git
CNA	Linux	Linux	affected 6040702ade234c8212dcfdef85e2f5549aa2f0f5 81f8e0e6a2e115df9274d0289779f8fca694479c git
CNA	Linux	Linux	affected 6.8
CNA	Linux	Linux	unaffected 6.8 semver
CNA	Linux	Linux	unaffected 6.12.75 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/5da29ade540b51763b950987bd410add7edaf3d1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/aa22221c5dc695a3d479e1e1b63f0c0e9eb29dbf	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1af2853b4e97fd95262fdef311b2334337069bc9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/81f8e0e6a2e115df9274d0289779f8fca694479c	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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