nvmem: zynqmp_nvmem: Fix buffer size in DMA and memcpy

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Summary

CVE	CVE-2026-31743
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 15:16:37 UTC
Updated	2026-05-03 07:16:19 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: nvmem: zynqmp_nvmem: Fix buffer size in DMA and mem

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 0.046600000 (date 2026-05-02)

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

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 737c0c8d07b5f671c0a33cec95965fcb2d2ea893 2f6e5b9964d0a63a5ba84fca2642876afb70a662 git
CNA	Linux	Linux	affected 737c0c8d07b5f671c0a33cec95965fcb2d2ea893 784ed4abded1ca4b525fa4cade8b02f8c5d2a087 git
CNA	Linux	Linux	affected 737c0c8d07b5f671c0a33cec95965fcb2d2ea893 6c01e7f11f5e5f22285d19510a9643e2506e13c3 git
CNA	Linux	Linux	affected 737c0c8d07b5f671c0a33cec95965fcb2d2ea893 f9b88613ff402aa6fe8fd020573cb95867ae947e git
CNA	Linux	Linux	affected 6.9
CNA	Linux	Linux	unaffected 6.9 semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/f9b88613ff402aa6fe8fd020573cb95867ae947e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/784ed4abded1ca4b525fa4cade8b02f8c5d2a087	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/6c01e7f11f5e5f22285d19510a9643e2506e13c3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2f6e5b9964d0a63a5ba84fca2642876afb70a662	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

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Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report