clk: mediatek: fix of_iomap memory leak

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2023-53424
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-18 16:15:46 UTC
Updated	2026-04-06 14:01:05 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: clk: mediatek: fix of_iomap memory leak Smatch reports:

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: CWE-401 | CWE-401 CWE-401 Missing Release of Memory after Effective Lifetime

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

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 c58cd0e40ffac67961b945793876b973728f9b80 847d5dd788ce05f0aaaa36ea174f7f0b9cf86f7d git
CNA	Linux	Linux	affected c58cd0e40ffac67961b945793876b973728f9b80 2cae6a28d8c12c597e8656962271520434c61c48 git
CNA	Linux	Linux	affected c58cd0e40ffac67961b945793876b973728f9b80 47234e19b00816a8a7b278c7173f6d4e928c43c7 git
CNA	Linux	Linux	affected c58cd0e40ffac67961b945793876b973728f9b80 3db7285e044144fd88a356f5b641b9cd4b231a77 git
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 semver
CNA	Linux	Linux	unaffected 6.1.164 6.1.* semver
CNA	Linux	Linux	unaffected 6.3.13 6.3.* semver
CNA	Linux	Linux	unaffected 6.4.4 6.4.* semver
CNA	Linux	Linux	unaffected 6.5 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/2cae6a28d8c12c597e8656962271520434c61c48	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3db7285e044144fd88a356f5b641b9cd4b231a77	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/847d5dd788ce05f0aaaa36ea174f7f0b9cf86f7d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/47234e19b00816a8a7b278c7173f6d4e928c43c7	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.

Free CVE JSON API cve.report/api

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