PM / devfreq: Fix buffer overflow in trans_stat_show

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

Summary

CVE	CVE-2023-52614
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-03-18 11:15:08 UTC
Updated	2026-05-12 12:16:16 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: PM / devfreq: Fix buffer overflow in trans_stat_show Fix b

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-120

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

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 e552bbaf5b987f57c43e6981a452b8a3c700b1ae 087de
CNA	Linux	Linux	affected e552bbaf5b987f57c43e6981a452b8a3c700b1ae 796d3f
CNA	Linux	Linux	affected e552bbaf5b987f57c43e6981a452b8a3c700b1ae 8a772
CNA	Linux	Linux	affected e552bbaf5b987f57c43e6981a452b8a3c700b1ae a979f5
CNA	Linux	Linux	affected e552bbaf5b987f57c43e6981a452b8a3c700b1ae eaef46
CNA	Linux	Linux	affected e552bbaf5b987f57c43e6981a452b8a3c700b1ae 08e23c
CNA	Linux	Linux	affected 3.8
CNA	Linux	Linux	unaffected 3.8 semver
CNA	Linux	Linux	unaffected 5.10.216 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.149 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.76 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.15 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.3 6.7.* semver
CNA	Linux	Linux	unaffected 6.8 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/087de000e4f8c878c81d9dd3725f00a1d292980c	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.cor
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git.kernel.org/stable/c/8a7729cda2dd276d7a3994638038fb89035b6f2c	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/eaef4650fa2050147ca25fd7ee43bc0082e03c87	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

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**