spi: nxp-fspi: fix the KASAN report out-of-bounds bug

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

Summary

CVE	CVE-2024-46853
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-09-27 13:15:16 UTC
Updated	2026-05-05 15:04:53 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: spi: nxp-fspi: fix the KASAN report out-of-bounds bug Cha

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-787

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 aa05db44db5f409f6d91c27b5737efb49fb45d9f git
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 609260542cf86b459c57618b8cdec8020394b7ad g
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 491f9646f7ac31af5fca71be1a3e5eb8aa7663ad git
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 09af8b0ba70072be831f3ec459f4063d570f9e24 git
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 af9ca9ca3e44f48b2a191e100d452fbf850c3d87 git
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 d1a1dfcec77c57b1181da93d11a3db1bc4eefa97 gi
CNA	Linux	Linux	affected a5356aef6a907c2e2aed0caaa2b88b6021394471 2a8787c1cdc7be24fdd8953ecd1a8743a1006235 g
CNA	Linux	Linux	affected 5.1
CNA	Linux	Linux	unaffected 5.1 semver
CNA	Linux	Linux	unaffected 5.4.285 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.227 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.168 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.111 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.52 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.11 6.10.* semver
CNA	Linux	Linux	unaffected 6.11 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/aa05db44db5f409f6d91c27b5737efb49fb45d9f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	Maili
git.kernel.org/stable/c/2a8787c1cdc7be24fdd8953ecd1a8743a1006235	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/09af8b0ba70072be831f3ec459f4063d570f9e24	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/d1a1dfcec77c57b1181da93d11a3db1bc4eefa97	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	Maili
git.kernel.org/stable/c/491f9646f7ac31af5fca71be1a3e5eb8aa7663ad	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/609260542cf86b459c57618b8cdec8020394b7ad	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/af9ca9ca3e44f48b2a191e100d452fbf850c3d87	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	cano

NVD vulnerability detail	NVD	nvd.nist.gov	cano

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