dpaa2-switch: add bounds check for if_id in IRQ handler

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Summary

CVE	CVE-2026-23180
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-14 17:15:55 UTC
Updated	2026-04-03 14:16:25 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: dpaa2-switch: add bounds check for if_id in IRQ handler T

Risk And Classification

Primary CVSS: v3.1 7 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000180000 probability, percentile 0.046740000 (date 2026-04-04)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 77611cab5bdfff7a070ae574bbfba20a1de99d1b git
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 34b56c16efd61325d80bf1d780d0e176be662f59 git
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 f89e33c9c37f0001b730e23b3b05ab7b1ecface2 git
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 2447edc367800ba914acf7ddd5d250416b45fb31 git
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 1b381a638e1851d8cfdfe08ed9cdbec5295b18c9 git
CNA	Linux	Linux	affected 24ab724f8a4661b2dc8e696b41df93bdc108f7a1 31a7a0bbeb006bac2d9c81a2874825025214b6d8 gi
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 semver
CNA	Linux	Linux	unaffected 5.15.200 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.163 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.124 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.70 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.10 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/1b381a638e1851d8cfdfe08ed9cdbec5295b18c9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/31a7a0bbeb006bac2d9c81a2874825025214b6d8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/77611cab5bdfff7a070ae574bbfba20a1de99d1b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2447edc367800ba914acf7ddd5d250416b45fb31	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f89e33c9c37f0001b730e23b3b05ab7b1ecface2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/34b56c16efd61325d80bf1d780d0e176be662f59	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
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.