ice: fix using untrusted value of pkt_len in ice_vc_fdir_parse_raw()

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Summary

CVE	CVE-2025-22117
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-04-16 15:16:05 UTC
Updated	2026-04-02 12:16:18 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ice: fix using untrusted value of pkt_len in ice_vc_fdir_pars

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: NVD-CWE-noinfo

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 99f419df8a5c5e1a58822203989f77712d01d410 363377af2c9e874fbba3a199408f8ec7b37906f7 git
CNA	Linux	Linux	affected 99f419df8a5c5e1a58822203989f77712d01d410 362f704ba73a359db9cded567e891d9a8f081875 git
CNA	Linux	Linux	affected 99f419df8a5c5e1a58822203989f77712d01d410 1388dd564183a5a18ec4a966748037736b5653c5 gi
CNA	Linux	Linux	affected 6.12
CNA	Linux	Linux	unaffected 6.12 semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.14.2 6.14.* semver
CNA	Linux	Linux	unaffected 6.15 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/1388dd564183a5a18ec4a966748037736b5653c5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/363377af2c9e874fbba3a199408f8ec7b37906f7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/362f704ba73a359db9cded567e891d9a8f081875	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.