usb: gadget: f_phonet: fix skb frags[] overflow in pn_rx_complete()

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

Summary

CVE	CVE-2026-31616
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:40 UTC
Updated	2026-04-28 17:21:15 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: usb: gadget: f_phonet: fix skb frags[] overflow in pn_rx_co

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

EPSS: 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

Problem Types: CWE-401

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 b91cd1440870f7a0649e570498b7b93caf9f781c 9ceff1251904901b0b4e5fe6350fcaffa368ce83 git
CNA	Linux	Linux	affected b91cd1440870f7a0649e570498b7b93caf9f781c c9315ce9da3632c591666a29de82d3e92d46bec1 git
CNA	Linux	Linux	affected b91cd1440870f7a0649e570498b7b93caf9f781c 4e476c25bfcab0535ba7c76a903ae77ca8747711 git
CNA	Linux	Linux	affected b91cd1440870f7a0649e570498b7b93caf9f781c bd44ce09b9b569f49ed13e2d87d23d853fc7d6a7 git
CNA	Linux	Linux	affected b91cd1440870f7a0649e570498b7b93caf9f781c 66f7471c4042e4eb300e30b5b9d87d1406862673 git
CNA	Linux	Linux	affected b91cd1440870f7a0649e570498b7b93caf9f781c c088d5dd2fffb4de1fb8e7f57751c8b82942180a git
CNA	Linux	Linux	affected 2.6.32
CNA	Linux	Linux	unaffected 2.6.32 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/bd44ce09b9b569f49ed13e2d87d23d853fc7d6a7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/66f7471c4042e4eb300e30b5b9d87d1406862673	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4e476c25bfcab0535ba7c76a903ae77ca8747711	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c088d5dd2fffb4de1fb8e7f57751c8b82942180a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/9ceff1251904901b0b4e5fe6350fcaffa368ce83	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c9315ce9da3632c591666a29de82d3e92d46bec1	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