can: ems_usb: ems_usb_read_bulk_callback(): check the proper length of a message

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

Summary

CVE	CVE-2026-23307
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-25 11:16:26 UTC
Updated	2026-04-18 09:16:18 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: can: ems_usb: ems_usb_read_bulk_callback(): check the

Risk And Classification

EPSS: 0.000370000 probability, percentile 0.108430000 (date 2026-04-18)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 aed172a2e2330131f0977d2acd3ec8883f413ec1 g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 f10177e6c4575aedaea580ce67d792fab7a2235e g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 c703bbf8e9b4947e111c88d2ed09236a6772a471 g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 1818974e1b5ef200e27f144c8cb8a246420bb54d g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 18f75b9cbdc3703f15965425ab69dee509b07785 g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 1cf469026d4a2308eaa91d04dca4a900d07a5c2e g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 2833e13e2b099546abf5d40a483b4eb04ddd1f7b g
CNA	Linux	Linux	affected 702171adeed3607ee9603ec30ce081411e36ae42 38a01c9700b0dcafe97dfa9dc7531bf4a245deff git
CNA	Linux	Linux	affected 2.6.32
CNA	Linux	Linux	unaffected 2.6.32 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.77 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.17 6.18.* semver

CNA	Linux	Linux	unaffected 6.19.7 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/1818974e1b5ef200e27f144c8cb8a246420bb54d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2833e13e2b099546abf5d40a483b4eb04ddd1f7b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/18f75b9cbdc3703f15965425ab69dee509b07785	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/38a01c9700b0dcafe97dfa9dc7531bf4a245deff	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1cf469026d4a2308eaa91d04dca4a900d07a5c2e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/aed172a2e2330131f0977d2acd3ec8883f413ec1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f10177e6c4575aedaea580ce67d792fab7a2235e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c703bbf8e9b4947e111c88d2ed09236a6772a471	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.