can: ucan: Fix infinite loop from zero-length messages

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

Summary

CVE	CVE-2026-23298
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-25 11:16:25 UTC
Updated	2026-04-18 09:16:17 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: can: ucan: Fix infinite loop from zero-length messages If a

Risk And Classification

EPSS: 0.000320000 probability, percentile 0.090980000 (date 2026-04-18)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 ca07d3c6eef14d34e6fdeefe55058db045be29dc git
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 e7bb6e0606b5f233531aaaad9542d69fbb792115 gi
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 ab6f075492d37368b4c7b0df7f7fdc2b666887fc git
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 13b646eec3ba1131180803f5aaf1fee23540ad8f git
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 bd85f21a6219aeae4389d700c54f1799f4b814e0 git
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 aa9e0a7fe5efc2f74327fd37d828e9a51d9ff588 git
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 c7bc62be6c1a60bb21301692009590b1ffda91d9 gi
CNA	Linux	Linux	affected 9f2d3eae88d26c29d96e42983b755940d9169cd9 1e446fd0582ad8be9f6dafb115fc2e7245f9bea7 git
CNA	Linux	Linux	affected 4.19
CNA	Linux	Linux	unaffected 4.19 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/ab6f075492d37368b4c7b0df7f7fdc2b666887fc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/13b646eec3ba1131180803f5aaf1fee23540ad8f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/e7bb6e0606b5f233531aaaad9542d69fbb792115	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/aa9e0a7fe5efc2f74327fd37d828e9a51d9ff588	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ca07d3c6eef14d34e6fdeefe55058db045be29dc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1e446fd0582ad8be9f6dafb115fc2e7245f9bea7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/bd85f21a6219aeae4389d700c54f1799f4b814e0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c7bc62be6c1a60bb21301692009590b1ffda91d9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.