net/sched: cls_flow: fix NULL pointer dereference on shared blocks

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

Summary

CVE	CVE-2026-31422
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 14:16:11 UTC
Updated	2026-04-18 09:16:32 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: net/sched: cls_flow: fix NULL pointer dereference on shar

Risk And Classification

EPSS: 0.000240000 probability, percentile 0.066100000 (date 2026-04-18)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 57f94ac7e953eece5ed4819605a18f3cdfc63dcc git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 942813276edeb1741fa5b0a73471beb4e495fa08 git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db cc707a4fd4c3b6ab2722e06bc359aa010e13d408 git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 4a09f72007201c9f667dc47f64517ec23eea65e5 git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 9bf5fc36a43f7b8b5507c96e74fb81f1e8b4957e git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db a208c3e1232997e9317887294c20008dfcb75449 git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 415ea0c973c754b9f375225807810eb9045f4293 git
CNA	Linux	Linux	affected 1abf272022cf1d18469405f47b4ec49c6a3125db 1a280dd4bd1d616a01d6ffe0de284c907b555504 git
CNA	Linux	Linux	affected 4.15
CNA	Linux	Linux	unaffected 4.15 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 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver

CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/4a09f72007201c9f667dc47f64517ec23eea65e5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/9bf5fc36a43f7b8b5507c96e74fb81f1e8b4957e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/cc707a4fd4c3b6ab2722e06bc359aa010e13d408	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/942813276edeb1741fa5b0a73471beb4e495fa08	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1a280dd4bd1d616a01d6ffe0de284c907b555504	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/57f94ac7e953eece5ed4819605a18f3cdfc63dcc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/415ea0c973c754b9f375225807810eb9045f4293	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a208c3e1232997e9317887294c20008dfcb75449	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.