net/sched: sch_hfsc: fix divide-by-zero in rtsc_min()

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Summary

CVE	CVE-2026-31423
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 14:16:12 UTC
Updated	2026-04-18 09:16:32 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: net/sched: sch_hfsc: fix divide-by-zero in rtsc_min() m2sm

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 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 ad8e8fec40290a8c8cf145c0deaadf76f80c5163 git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 ab1ff5890c7354afc7be56502fcfbd61f3b7ae4f git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 25b6821884713a31e2b49fb67b0ebd765b33e0a9 git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 c56f78614e7781aaceca9bd3cb2128bf7d45c3bd git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 b9e6431cbea8bb1fae8069ed099b4ee100499835 git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 17c1b9807b8a67d676b6dcf749ee932ebaa7f568 git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 d0aefec1b1a1ba2c1d251028dc2c4e5b4ce1fea5 git
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 4576100b8cd03118267513cafacde164b498b322 git
CNA	Linux	Linux	affected 2.6.12
CNA	Linux	Linux	unaffected 2.6.12 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/c56f78614e7781aaceca9bd3cb2128bf7d45c3bd	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ad8e8fec40290a8c8cf145c0deaadf76f80c5163	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/b9e6431cbea8bb1fae8069ed099b4ee100499835	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/25b6821884713a31e2b49fb67b0ebd765b33e0a9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ab1ff5890c7354afc7be56502fcfbd61f3b7ae4f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/17c1b9807b8a67d676b6dcf749ee932ebaa7f568	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/4576100b8cd03118267513cafacde164b498b322	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d0aefec1b1a1ba2c1d251028dc2c4e5b4ce1fea5	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.