



net/sched: act_gate: snapshot parameters with RCU on replace

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Summary

CVE	CVE-2026-23245
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-18 11:16:16 UTC
Updated	2026-04-18 09:16:14 UTC

Description In the Linux kernel, the following vulnerability has been resolved: net/sched: act_gate: snapshot parameters with RCU on re

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

CVSS: 3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000150000 probability, percentile 0.032890000 (date 2026-04-19)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 fc98fd8d214693be91253d9a88cdf8e5e143d124 git
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 8b1251bbf0f10ac745ed74bad4d3b433caa1eeae git
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 dfc314d7c767e350f78a46a8f8b134f80e8ad432 git
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 035d0d09d5ab3ed3e93d18cde2b562a6719eea23 gi
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 04d75529dc0f9be78786162ebab7424af4644df2 git
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 58b162e318d0243ad2d7d92456c0873f2494c351 git
CNA	Linux	Linux	affected a51c328df3106663879645680609eb49b3ff6444 62413a9c3cb183afb9bb6e94dd68caf4e4145f4c git
CNA	Linux	Linux	affected 5.8
CNA	Linux	Linux	unaffected 5.8 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* 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 6.12.78 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.18 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.8 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/58b162e318d0243ad2d7d92456c0873f2494c351	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/04d75529dc0f9be78786162ebab7424af4644df2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/fc98fd8d214693be91253d9a88cdf8e5e143d124	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/62413a9c3cb183afb9bb6e94dd68caf4e4145f4c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/8b1251bbf0f10ac745ed74bad4d3b433caa1eeae	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/035d0d09d5ab3ed3e93d18cde2b562a6719eea23	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/dfc314d7c767e350f78a46a8f8b134f80e8ad432	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.

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