



bpf: Forget ranges when refining tnum after JSET

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2025-39748
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-11 17:15:38 UTC
Updated	2026-04-18 09:16:11 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bpf: Forget ranges when refining tnum after JSET Syzbot

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 22191359f8454b0be082c3b126f86bcbea0f1318 git
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 c29dd8336236a4deb75596b52d2dd16ccc4a380d c
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 591c788d16046edb0220800bf1819554af5853ce gi
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 0643aa2468192a4d81326e8e76543854870b1ee2
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 f01e06930444cab289a8783017af9b64255bd103 gi
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 2fd0c26bacd90ef26522bd3169000a4715bf151f git
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 80a6b11862a7cfd691e8f9faee89cfea219f098 git
CNA	Linux	Linux	affected 960ea056561a08e2b837b2f02d22c53226414a84 6279846b9b2532e1b04559ef8bd0dec049f29383 gi
CNA	Linux	Linux	affected 5.0
CNA	Linux	Linux	unaffected 5.0 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 6.12.43 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.11 6.15.* semver
CNA	Linux	Linux	unaffected 6.16.2 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/80a6b11862a7cfd691e8f9faee89cfea219f098	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2fd0c26bacd90ef26522bd3169000a4715bf151f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/22191359f8454b0be082c3b126f86bcbea0f1318	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c29dd8336236a4deb75596b52d2dd16ccc4a380d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/591c788d16046edb0220800bf1819554af5853ce	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f01e06930444cab289a8783017af9b64255bd103	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/0643aa2468192a4d81326e8e76543854870b1ee2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/6279846b9b2532e1b04559ef8bd0dec049f29383	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	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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