



ip_v4: ip_tunnel: Fix suspicious RCU usage warning in ip_tunnel_init_flow()

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2024-53042
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-11-19 18:15:24 UTC
Updated	2026-05-12 13:16:21 UTC

Description In the Linux kernel, the following vulnerability has been resolved: ip_v4: ip_tunnel: Fix suspicious RCU usage warning in ip_t

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 | CWE-noinfo Not enough information

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

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 ab6c9463b137163ba53fc050bf2c72bed2c997b8 e27427
CNA	Linux	Linux	affected 760852df570747e500a9632d34cbbf4faef30855 5edcb3f
CNA	Linux	Linux	affected db53cd3d88dc328dea2e968c9c8d3b4294a8a674 72c0f
CNA	Linux	Linux	affected db53cd3d88dc328dea2e968c9c8d3b4294a8a674 699b4
CNA	Linux	Linux	affected db53cd3d88dc328dea2e968c9c8d3b4294a8a674 6dfaa
CNA	Linux	Linux	affected db53cd3d88dc328dea2e968c9c8d3b4294a8a674 ad4a3
CNA	Linux	Linux	affected 5.18
CNA	Linux	Linux	unaffected 5.18 semver
CNA	Linux	Linux	unaffected 5.10.229 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.171 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.116 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.60 6.6.* semver
CNA	Linux	Linux	unaffected 6.11.7 6.11.* semver
CNA	Linux	Linux	unaffected 6.12 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/ad4a3ca6a8e886f6491910a3ae5d53595e40597d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/699b48fc31727792edf2cab3829586ae6ba649e2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/72c0f482e39c87317ebf67661e28c8d86c93e870	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/e2742758c9c85c84e077ede5f916479f724e11c2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/5edcb3fdb12c3d46a6e79eeec27d925b80fc168	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/6dfaa458fe923211c766238a224e0a3c0522935c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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