



netfilter: nf_reject: don't leak dst refcount for loopback packets

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

Summary

CVE	CVE-2025-38732
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-05 18:15:42 UTC
Updated	2026-05-12 13:17:03 UTC

Description In the Linux kernel, the following vulnerability has been resolved: netfilter: nf_reject: don't leak dst refcount for loopback packets

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-Other

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 f53b9b0bdc59c0823679f2e3214e0d538f5951b9 7b8b503c06274ef3c6c1a107743f1ec0d0:
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 82ef97abf22790182f7d433c74960dfd61b
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 b7a885ba25960c91db237c3f83b4285156
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 a0a3ace2a57887dac1e7c9a724846040c:
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 51e8531371f90bee742c63775c9a568e5c
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 b32e1590a8d22cf7d7f965e46d5576051a
CNA	Linux	Linux	affected f53b9b0bdc59c0823679f2e3214e0d538f5951b9 91a79b792204313153e1bdbbe5acbf289
CNA	Linux	Linux	affected 5.9
CNA	Linux	Linux	unaffected 5.9 semver
CNA	Linux	Linux	unaffected 5.10.241 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.44 6.12.* semver
CNA	Linux	Linux	unaffected 6.16.4 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/b7a885ba25960c91db237c3f83b4285156789bce	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/91a79b792204313153e1bdbbe5acbf28903b3a5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/7b8b503c06274ef3c6c1a107743f1ec0d0a53ef8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/51e8531371f90bee742c63775c9a568e5d6bf3c5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/82ef97abf22790182f7d433c74960dfd61b99c33	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/a0a3ace2a57887dac1e7c9a724846040c3e31868	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org

git.kernel.org/stable/c/b32e1590a8d22cf7d7f965e46d5576051acf8e42	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.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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