



net, hsr: reject HSR frame if skb can't hold tag

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

Summary

CVE	CVE-2025-39703
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-05 18:15:47 UTC
Updated	2026-05-12 13:17:06 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: net, hsr: reject HSR frame if skb can't hold tag Receiving I

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: CWE-476

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 f6442ee08fe66c8e45c4f246531a2aaf4f17a7a7 8d9bc4a375a1ba05f7dfa0407de8e510ab9
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b 3ae272ab523dd6bdc26e879027ed79fea
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b b640188b8a6690e685939053c7efdbc78
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b b117c41b00902c1a7e24347c405cb8250
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b acd69b597bd3f76d3b3d322b84082226c
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b 61009439e4bd8d74e705ee1594076032
CNA	Linux	Linux	affected 48b491a5cc74333c4a6a82fe21cea42c055a3b0b 7af76e9d18a9fd6f8611b3313c86c190f9f
CNA	Linux	Linux	affected 4ffd1d4a6b306ff69cbe412d2c54d2dd349ff436 git
CNA	Linux	Linux	affected 5.13
CNA	Linux	Linux	unaffected 5.13 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/7af76e9d18a9fd6f8611b3313c86c190f9b6a5a7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/8d9bc4a375a1ba05f7dfa0407de8e510ab9bd14d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/b117c41b00902c1a7e24347c405cb82504aeae0b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/acd69b597bd3f76d3b3d322b84082226c00eaaa4	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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