



hsr: Fix uninit-value access in hsr_get_node()

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

Summary

CVE	CVE-2024-26863
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-04-17 11:15:09 UTC
Updated	2026-05-12 12:16:21 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: hsr: Fix uninit-value access in hsr_get_node() KMSAN rep

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-908

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 f266a683a4804dc499efc6c2206ef68efed029d0 e3b2bfb
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 889ed0f
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 7fb2d4d
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 a809bbf
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 1ed222c
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 39cc316
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 97d214f
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 09e5cdk
CNA	Linux	Linux	affected f266a683a4804dc499efc6c2206ef68efed029d0 ddbec9c
CNA	Linux	Linux	affected 3.17
CNA	Linux	Linux	unaffected 3.17 semver
CNA	Linux	Linux	unaffected 4.19.311 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.273 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.214 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.153 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.83 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.23 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.11 6.7.* semver
CNA	Linux	Linux	unaffected 6.8.2 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom

References

Reference	Source	Link
cert-portal.siemens.com/productcert/html/ssa-398330.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co

lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/e3b2bfb8ff1810a537b2aa55ba906a6743ed120c	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/1ed222ca7396938eb1ab2d034f1ba0d8b00a7122	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/97d2148ea435dff4b4e71817c9032eb321bcd37e	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/889ed056eae7fda85b769a9ab33c093379c45428	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/ddbec99f58571301679addbc022256970ca3eac6	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/09e5cdbe2cc88c3c758927644a3eb02fac317209	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/a809bbfd0e503351d3051317288a70a4569a4949	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/7fb2d4d6bb1c85f7a23aace0ed6c86a95dea792a	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00020.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/39cc316fb3bc5e7c9dc5eed314fe510d119c6862	af854a3a-2127-422b-91ae-364da2661108	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.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report