



do_sys_name_to_handle(): use kzalloc() to fix kernel-infoleak

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

Summary

CVE	CVE-2024-26901
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-04-17 11:15:10 UTC
Updated	2026-05-12 12:16:25 UTC

Description In the Linux kernel, the following vulnerability has been resolved: do_sys_name_to_handle(): use kzalloc() to fix kernel-infoleak

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 | 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	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

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 990d6c2d7aee921e3bce22b2d6a750fd552262be 4bac2
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be 772a7
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be cde76
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be 423b6
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be e6450
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be c1362
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be cba13
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be bf9ec1
CNA	Linux	Linux	affected 990d6c2d7aee921e3bce22b2d6a750fd552262be 3948a
CNA	Linux	Linux	affected 2.6.39
CNA	Linux	Linux	unaffected 2.6.39 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

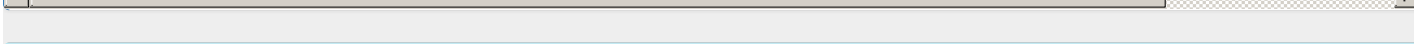
ADP Siemens SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP affected V3.1.0 V3.1.5 custom

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
git.kernel.org/stable/c/772a7def9868091da3bcb0d6c6ff9f0c03d7fa8b	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/e6450d5e46a737a008b4885aa223486113bf0ad6	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/cde76b3af247f615447bcfecf610bb76c3529126	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.co
git.kernel.org/stable/c/c1362eae861db28b1608b9dc23e49634fe87b63b	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
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git.kernel.org/stable/c/4bac28f441e3cc9d3f1a84c8d023228a68d8a7c1	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
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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