aoe: fix the potential use-after-free problem in aoecmd_cfg_pkts

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2024-26898
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: aoe: fix the potential use-after-free problem in aoecmd_cfg

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-416 | CWE-416 CWE-416 Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/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 7562f876cd93800f2f8c89445f2a563590b24e09 ad80c34
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 1a54aa5
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 faf0b4c5
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 7dd09fa
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 74ca3ef
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 eb4868(
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 079cba4
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 a16fbb8
CNA	Linux	Linux	affected 7562f876cd93800f2f8c89445f2a563590b24e09 f98364e
CNA	Linux	Linux	affected 2.6.22
CNA	Linux	Linux	unaffected 2.6.22 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	Linux	Linux Kernel	affected 2.6.22
ADP	Linux	Linux Kernel	affected 7562f876cd93 ad80c34944d7 git
ADP	Linux	Linux Kernel	affected 7562f876cd93 1a54aa506b3b git
ADP	Linux	Linux Kernel	affected 7562f876cd93 faf0b4c5e00b git

ADP	Linux	Linux Kernel	affected 7562f876cd93 7dd09fa80b07 git
ADP	Linux	Linux Kernel	affected 7562f876cd93 74ca3ef68d2f git
ADP	Linux	Linux Kernel	affected 7562f876cd93 eb48680b0255 git
ADP	Linux	Linux Kernel	affected 7562f876cd93 079cba4f4e30 git
ADP	Linux	Linux Kernel	affected 7562f876cd93 a16fbb800646 git
ADP	Linux	Linux Kernel	affected 7562f876cd93 f98364e92662 git
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.cc
git.kernel.org/stable/c/7dd09fa80b0765ce68bfae92f4e2f395ccf0fba4	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/74ca3ef68d2f449bc848c0a814cefc487bf755fa	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/f98364e926626c678fb4b9004b75cacf92ff0662	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/079cba4f4e307c69878226fdf5228c20aa1c969c	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/eb48680b0255a9e8a9bdc93d6a55b11c31262e62	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.cc
git.kernel.org/stable/c/1a54aa506b3b2f31496731039e49778f54eee881	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/faf0b4c5e00bb680e8e43ac936df24d3f48c8e65	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/a16fbb80064634b254520a46395e36b87ca4731e	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/ad80c34944d7175fa1f5c7a55066020002921a99	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.

Free CVE JSON API cve.report/api

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