



af_unix: Fix garbage collector racing against connect()

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

Summary

CVE	CVE-2024-26923
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-04-25 06:15:57 UTC
Updated	2026-05-12 12:16:26 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: af_unix: Fix garbage collector racing against connect() Ga

Risk And Classification

Primary CVSS: v3.1 4.7 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-362

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS: 3.1/AV:L/AC:H/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 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 1fd05ba5a2f2aa8e7b9b52ef55df850e2e7d5
CNA	Linux	Linux	affected 2.6.23
CNA	Linux	Linux	unaffected 2.6.23 semver
CNA	Linux	Linux	unaffected 4.19.314 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.275 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.216 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.156 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.87 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.28 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.7 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.1 custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	affected V3.1 custom
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
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cert-portal.siemens.com/productcert/html/ssa-398330.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.cc
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/47d8ac011fe1c9251070e1bd64cb10b48193ec51	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/2e2a03787f4f0abc0072350654ab0ef3324d9db3	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/e76c2678228f6aec74b305ae30c9374cc2f28a51	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/b75722be422c276b699200de90527d01c602ea7c	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.cc
git.kernel.org/stable/c/507cc232ffe53a352847893f8177d276c3b532a9	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/dbdf7bec5c920200077d693193f989cb1513f009	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/a36ae0ec2353015f0f6762e59f4c2dbc0c906423	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/343c5372d5e17b306db5f8f3c895539b06e3177f	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.

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