cpu: Re-enable CPU mitigations by default for !X86 architectures

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

Summary

CVE	CVE-2024-35996
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-20 10:15:13 UTC
Updated	2026-05-12 12:16:46 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: cpu: Re-enable CPU mitigations by default for !X86 archite

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: NVD-CWE-noinfo

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 30da4180fd768973189dc364648f9c436e57b
CNA	Linux	Linux	affected 70688450dddaf91e12fd4fc625da329702593
CNA	Linux	Linux	affected 9c09773917fbb77dff85b433e1e89123fc5fb5
CNA	Linux	Linux	affected 2978ee7c973ce81b6e51100ba1e5ae001af6
CNA	Linux	Linux	affected c4a9babdd5d5a41a74269a2e1aa1647b1b4c
CNA	Linux	Linux	affected f337a6a21e2fd67eadea471e93d05dd37baa
CNA	Linux	Linux	affected 5.15.156 5.15.158 semver
CNA	Linux	Linux	affected 6.1.87 6.1.90 semver
CNA	Linux	Linux	affected 6.6.28 6.6.30 semver
CNA	Linux	Linux	affected 6.8.7 6.8.9 semver
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

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/fd8547ebc187037cc69441a15c1441aeaab80f49	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/fe42754b94a42d08cf9501790afc25c4f6a5f631	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/36b32816fbab267611f073223f1b0b816ec5920f	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.com
git.kernel.org/stable/c/38f17d1fbb5bfb56ca1419e2d06376d57a9396f9	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/8292f4f8dd1b005d0688d726261004f816ef730a	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/af6d6a923b40bf6471e44067ac61cc5814b48e7f	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**