nvdimm/bus: Fix potential use after free in asynchronous initialization

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Summary

CVE	CVE-2026-31399
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-03 16:16:38 UTC
Updated	2026-04-03 16:16:38 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: nvdimm/bus: Fix potential use after free in asynchronous i

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 9a0fb16ba5b372465a3a1ecd761c6fa911a4ab4d git
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 e48bf8f1d2b12c1c5ba1f609edbd4cde5dadc20e git
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 2c638259ad750833fd46a0cf57672a618542d84c git
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 a226e5b49e5fe8c98b14f8507de670189d191348 git
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 84af19855d1abdee3c9d57c0684e2868e391793c git
CNA	Linux	Linux	affected b6eae0f61db27748606cc00dafcfd1e2c032f0a5 a8aec14230322ed8f1e8042b6d656c1631d41163 git
CNA	Linux	Linux	affected 8954771abdea5c34280870e35592c7226a816d95 git
CNA	Linux	Linux	affected 3e63a7f25cc85d3d3e174b9b0e3489ebb7eaf4ab git
CNA	Linux	Linux	affected 1490de2bb0836fc0631c04d0559fdf81545b672f git
CNA	Linux	Linux	affected e31a8418c8df7e6771414f99ed3d95ba8aca4e05 git
CNA	Linux	Linux	affected 4f1a55a4f990016406147cf3e0c9487bf83e50f0 git
CNA	Linux	Linux	affected 4.20
CNA	Linux	Linux	unaffected 4.20 semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.78 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.20 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.10 6.19.* semver
CNA	Linux	Linux	unaffected 7.0-rc5 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/a8aec14230322ed8f1e8042b6d656c1631d41163	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2c638259ad750833fd46a0cf57672a618542d84c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a226e5b49e5fe8c98b14f8507de670189d191348	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/84af19855d1abdee3c9d57c0684e2868e391793c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/9a0fb16ba5b372465a3a1ecd761c6fa911a4ab4d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/e48bf8f1d2b12c1c5ba1f609edbd4cde5dadc20e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.