mm/damon/sysfs: check contexts->nr before accessing contexts_arr[0]

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

Summary

CVE	CVE-2026-31458
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 14:16:41 UTC
Updated	2026-04-22 14:16:41 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: mm/damon/sysfs: check contexts->nr before accessing cc

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 0ac32b8affb5a384253dbb8339bd2d0e91add0b7 aba546061341b56e9ffb37e1eb661a3628b6ec12 git
CNA	Linux	Linux	affected 0ac32b8affb5a384253dbb8339bd2d0e91add0b7 1e8da792672481d603fa7cd0d815577220a3ee27 gi
CNA	Linux	Linux	affected 0ac32b8affb5a384253dbb8339bd2d0e91add0b7 708033c231bd782858f4ddbb46ee874a5a5fbdab git
CNA	Linux	Linux	affected 0ac32b8affb5a384253dbb8339bd2d0e91add0b7 bbe03ad3fb9e714191757ca7b41582f930be7be2 git
CNA	Linux	Linux	affected 0ac32b8affb5a384253dbb8339bd2d0e91add0b7 1bfe9fb5ed2667fb075682408b776b5273162615 git
CNA	Linux	Linux	affected 5.18
CNA	Linux	Linux	unaffected 5.18 semver
CNA	Linux	Linux	unaffected 6.6.131 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/708033c231bd782858f4ddbb46ee874a5a5fbdab	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1bfe9fb5ed2667fb075682408b776b5273162615	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/aba546061341b56e9ffb37e1eb661a3628b6ec12	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1e8da792672481d603fa7cd0d815577220a3ee27	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	

git.kernel.org/stable/c/bbe03ad3fb9e714191757ca7b41582f930be7be2	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.