



idpf: fix PREEMPT_RT raw/bh spinlock nesting for async VC handling

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-31647
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:44 UTC
Updated	2026-04-24 17:51:40 UTC

Description In the Linux kernel, the following vulnerability has been resolved: idpf: fix PREEMPT_RT raw/bh spinlock nesting for async

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 34c21fa894a1af6166f4284c81d1dc21efed8f38 b448529f2f2921c6fe82fd4e985cc7c05cbf02a3 git
CNA	Linux	Linux	affected 34c21fa894a1af6166f4284c81d1dc21efed8f38 e02c974fc331f04b5ba2007d4bc6862df8a43148 git
CNA	Linux	Linux	affected 34c21fa894a1af6166f4284c81d1dc21efed8f38 3bb632c6b6d8154e9019beda4a43a4b518ee3e8a git
CNA	Linux	Linux	affected 34c21fa894a1af6166f4284c81d1dc21efed8f38 591478118293c1bd628de330a99eb1eb2ef8d76b git
CNA	Linux	Linux	affected 6.9
CNA	Linux	Linux	unaffected 6.9 semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.23 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.13 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/e02c974fc331f04b5ba2007d4bc6862df8a43148	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/591478118293c1bd628de330a99eb1eb2ef8d76b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/3bb632c6b6d8154e9019beda4a43a4b518ee3e8a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/b448529f2f2921c6fe82fd4e985cc7c05cbf02a3	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.

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