



xen/privcmd: fix double free via VMA splitting

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

Summary

CVE	CVE-2026-31787
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-30 11:16:21 UTC
Updated	2026-05-04 09:16:00 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: xen/privcmd: fix double free via VMA splitting privcmd_vm

Risk And Classification

EPSS: 0.000330000 probability, percentile 0.094820000 (date 2026-05-03)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da dbf862ce9f009128ab86b234d91413a3e450beb4 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 2b985d3a024b9e8c24e21671b34e855569763808 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 1576ff3869cbd3620717195f971c85b7d7fd62b5 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 402d84ad9e89bd4cbfd07ca8598532b7021daf95 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 2894a351fe2ea8684919d36df3188b9a35e3926f git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 446ee446d9ae66f36e95c3c90bbcc4e56b94cde0 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 71bf829800758a6e3889096e4754ef47ba7fc850 git
CNA	Linux	Linux	affected d71f513985c22f1050295d1a7e4327cf9fb060da 24daca4fc07f3ff8cd0e3f629cd982187f48436a git
CNA	Linux	Linux	affected 3.8
CNA	Linux	Linux	unaffected 3.8 semver
CNA	Linux	Linux	unaffected 5.10.254 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.204 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.170 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.137 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.85 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.26 6.18.* semver
CNA	Linux	Linux	unaffected 7.0.3 7.0.* semver

References

Reference	Source	Link
git.kernel.org/stable/c/2b985d3a024b9e8c24e21671b34e855569763808	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
www.openwall.com/lists/oss-security/2026/04/28/14	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com
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git.kernel.org/stable/c/402d84ad9e89bd4cbfd07ca8598532b7021daf95	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
xenbits.xen.org/xsa/advisory-487.html	af854a3a-2127-422b-91ae-364da2661108	xenbits.xen.org
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git.kernel.org/stable/c/dbf862ce9f009128ab86b234d91413a3e450beb4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/2894a351fe2ea8684919d36df3188b9a35e3926f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/71bf829800758a6e3889096e4754ef47ba7fc850	416baaa9-dc9f-4396-8d5f-8c081fb06d67	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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