



CVE-2023-22998

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-22998
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-02-28 21:15:00 UTC
Updated	2023-05-03 01:15:00 UTC
Description	In the Linux kernel before 6.0.3, drivers/gpu/drm/virtio/virtgpu_object.c misinterprets the drm_gem_shmem_get_sg_table re

Risk And Classification

Problem Types: CWE-436

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.0.3	MISC	cdn.kernel.org
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	lists.debian.org
drm/virtio: Fix NULL vs IS_ERR checking in virtio_gpu_object_shmem_init · torvalds/linux@c249687 · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181765 Debian Security Update for linux-5.10 (DLA 3404-1)
182898 Debian Security Update for linux (CVE-2023-22998)
354837 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-028

6140122 AWS Bottlerocket Security Update for kernel (GHSA-5fxx-vfw2-7m5h)
673354 EulerOS Security Update for kernel (EulerOS-SA-2023-2843)
673496 EulerOS Security Update for kernel (EulerOS-SA-2023-2860)
753810 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0780-1)
755842 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:0774-1)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
905677 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13754)
905691 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13774)
906545 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13754-1)
906591 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13754-3)
906635 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13774-3)
906799 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13754-5)

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