



CVE-2022-38457

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

Summary

CVE	CVE-2022-38457
State	PUBLIC
Assigner	security@openanolis.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-09 15:15:00 UTC
Updated	2023-04-17 16:45:00 UTC
Description	A use-after-free(UAF) vulnerability was found in function 'vmw_cmd_res_check' in drivers/gpu/vmxgfx/vmxgfx_execbuf.c in

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.2	rc1	All	All
Operating System	Linux	Linux Kernel	6.2	rc2	All	All
Operating System	Linux	Linux Kernel	6.2	rc3	All	All
Operating System	Linux	Linux Kernel	6.2	rc4	All	All

References

Reference	Source	Link	Tags
Bug Access Denied	MISC	bugzilla.openanolis.cn	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Ziming Zhang(ezrakiez@gmail.com) from Ant Group Light-Year Security Lab

Legacy QID Mappings

161066 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
182348 Debian Security Update for linux (CVE-2022-38457)
242399 Red Hat Update for kernel security (RHSA-2023:6583)
242434 Red Hat Update for kernel-rt security (RHSA-2023:6901)
242451 Red Hat Update for kernel security (RHSA-2023:7077)
242941 Red Hat Update for kernel (RHSA-2024:0930)
243087 Red Hat Update for kernel (RHSA-2024:1404)
754833 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3599-1)
754855 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3656-1)
754884 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3704-1)
754899 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3599-2)
754901 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3704-2)
755037 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3971-1)
755043 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3988-1)
903891 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10902)
903900 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10952)
941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

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