



CVE-2023-0615

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Summary

CVE	CVE-2023-0615
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-02-06 23:15:00 UTC
Updated	2023-02-14 23:38:00 UTC
Description	A memory leak flaw and potential divide by zero and Integer overflow was found in the Linux kernel V4L2 and vivid test cod

Risk And Classification

Problem Types: CWE-369 | CWE-190 | CWE-401

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
Operating System	Linux	Linux Kernel	6.2	rc5	All	All

References

Reference	Source	Link
2166287 – (CVE-2023-0615) CVE-2023-0615 kernel: multiple issues for the Video for Linux version 2 test driver	MISC	bugzilla.redha
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

[181861](#) Debian Security Update for linux (CVE-2023-0615)

379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
379435 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)
905482 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13363)
905490 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13364)
907132 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13363-1)
907183 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13364-1)

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