



CVE-2023-1855

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Summary

CVE	CVE-2023-1855
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-05 20:15:00 UTC
Updated	2023-11-07 04:05:00 UTC
Description	A use-after-free flaw was found in xgene_hwmon_remove in drivers/hwmon/xgene-hwmon.c in the Hardware Monitoring Lib

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.3	rc1	All	All
Operating System	Linux	Linux Kernel	6.3	rc2	All	All
Operating System	Linux	Linux Kernel	6.3	rc3	All	All

References

Reference	Source	Link
[GIT PULL] hwmon fixes for v6.3-rc3 - Guenter Roeck	MISC	lore.kernel.org
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	lists.debian.org
hwmon: (xgene) Fix use after free bug in xgene_hwmon_remove due to ra... · torvalds/linux@cb090e6 · GitHub	MISC	github.com
[SECURITY] [DLA 3403-1] linux security update	MLIST	lists.debian.org
[GIT PULL] hwmon fixes for v6.3-rc3 - Guenter Roeck		lore.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.

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)

[181765](#) Debian Security Update for linux-5.10 (DLA 3404-1)

[181768](#) Debian Security Update for linux (DLA 3403-1)

[184362](#) Debian Security Update for linux (CVE-2023-1855)

[199298](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6033-1)

[199422](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6175-1)

[199437](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6186-1)

[199650](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6284-1)

[199669](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6301-1)

[199670](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6300-1)

[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)

[242789](#) Red Hat Update for kernel (RHSA-2024:0575)

[242855](#) Red Hat Update for kernel (RHSA-2024:0412)

[378701](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0030)

[378710](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)

[379043](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)

[673074](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2193)

[753980](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2151-1)

[753981](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2146-1)

[753982](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2148-1)

[753985](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2162-1)

[754005](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2163-1)

[754023](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2232-1)

[755851](#) SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)

906808 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26042-1)

906826 Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (26127-1)

906842 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26033-1)

906868 Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (26142-1)

941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

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