



CVE-2023-2194

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Summary

CVE	CVE-2023-2194
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-20 21:15:00 UTC
Updated	2023-05-03 14:15:00 UTC
Description	An out-of-bounds write vulnerability was found in the Linux kernel's SLIMpro I2C device driver. The userspace "data->block

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	38	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
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	lists.debian.org
[SECURITY] [DLA 3403-1] linux security update	MLIST	lists.debian.org
2188396 – (CVE-2023-2194) CVE-2023-2194 kernel: i2c: out-of-bounds write in xgene_slimpro_i2c_xfer()	MISC	bugzilla.redhat.com
i2c: xgene-slimpro: Fix out-of-bounds bug in xgene_slimpro_i2c_xfer() · torvalds/linux@92fbb6d · 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

160806 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-3723)
160859 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-4517)
181765 Debian Security Update for linux-5.10 (DLA 3404-1)
181768 Debian Security Update for linux (DLA 3403-1)
184459 Debian Security Update for linux (CVE-2023-2194)
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)
241733 Red Hat Update for kernel (RHSA-2023:3723)
241740 Red Hat Update for kernel-rt (RHSA-2023:3708)
241927 Red Hat Update for kernel-rt (RHSA-2023:4541)
241936 Red Hat Update for kernel (RHSA-2023:4517)
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)
673182 EulerOS Security Update for kernel (EulerOS-SA-2023-2335)
673214 EulerOS Security Update for kernel (EulerOS-SA-2023-2383)
673393 EulerOS Security Update for kernel (EulerOS-SA-2023-2647)
674113 EulerOS Security Update for kernel (EulerOS-SA-2023-2689)
754097 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2507-1)
754105 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2537-1)
754106 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2534-1)

754110 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2538-1)
754120 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2611-1)
754145 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2651-1)
906918 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26317-1)
906966 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26314-1)
941166 AlmaLinux Security Update for kernel (ALSA-2023:3723)
941167 AlmaLinux Security Update for kernel-rt (ALSA-2023:3708)
941227 AlmaLinux Security Update for kernel (ALSA-2023:4517)
941228 AlmaLinux Security Update for kernel-rt (ALSA-2023:4541)
961032 Rocky Linux Security Update for kernel (RLSA-2023:4517)
961046 Rocky Linux Security Update for kernel-rt (RLSA-2023:4541)

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