



CVE-2020-13974

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Summary

CVE	CVE-2020-13974
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-09 05:15:00 UTC
Updated	2023-02-24 18:42:00 UTC
Description	An issue was discovered in the Linux kernel 4.4 through 5.7.1. drivers/tty/vt/keyboard.c has an integer overflow if k_ascii is

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 2323-1] linux-4.19 new package	MLIST	lists.debian.org	
USN-4483-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
USN-4440-1: linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
LKML: Kyungtae Kim: UBSAN: Undefined behaviour in drivers/tty/vt/keyboard.c	MISC	lkml.org	Exploit, Vendor
kernel/git/tip/tip.git - Unnamed repository; edit this file 'description' to name the repository.	MISC	git.kernel.org	
USN-4439-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[security-announce] openSUSE-SU-2020:0935-1: important: Security update	SUSE	lists.opensuse.org	

kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Patch, Vendor
USN-4427-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[security-announce] openSUSE-SU-2020:1153-1: important: Security update	SUSE	lists.opensuse.org	
USN-4485-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
Oracle Critical Patch Update Advisory - July 2022	N/A	www.oracle.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159825 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)
174729 SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2106-1)
240275 Red Hat Update for kernel-rt (RHSA-2022:1975)
240298 Red Hat Update for kernel security (RHSA-2022:1988)
352300 Amazon Linux Security Advisory for kernel: ALAC2012-2020-020
377038 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0198)
750376 OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
900078 CBL-Mariner Linux Security Update for kernel 5.4.91
902892 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (1935)
905886 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (1935-1)
940517 AlmaLinux Security Update for kernel (ALSA-2022:1988)

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