CVE-2020-28915

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Summary

CVE	CVE-2020-28915
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-18 08:15:00 UTC
Updated	2020-12-15 19:52:00 UTC
Description	A buffer over-read (at the framebuffer layer) in the fbcon code in the Linux kernel before 5.8.15 could be used by local attac

Risk And Classification

Problem Types: CWE-125

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	All	All	All	All

References

Reference	Source	Link	T
KASAN: global-out-of-bounds Read in fbcon_get_font	MISC	syzkaller.appspot.com	P
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	P
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.8.15	MISC	cdn.kernel.org	P
Bug 1178886 – VUL-0: CVE-2020-28915: kernel-source: kernel buffer overflow read in font handling	MISC	bugzilla.suse.com	I
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	P
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159962 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-5316)

240528 Red Hat Update for kernel-rt (RHSA-2022:5344)

240534 Red Hat Update for kernel (RHSA-2022:5316)

353100 Amazon Linux Security Advisory for kernel : ALAC2012-2021-024

353101 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025

353102 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026

375284 EulerOS Security Update for kernel (EulerOS-SA-2021-1311)

390217 Oracle Managed Virtualization (VM) Server for x86 Security Update for Unbreakable Enterprise kernel (OVMSA-2021-0001)

390234 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0001)

670185 EulerOS Security Update for kernel (EulerOS-SA-2021-1684)

750376 OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)

750488 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2260-1)

750518 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2161-1)

750568 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2034-1)

900040 CBL-Mariner Linux Security Update for kernel 5.4.91

903331 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3630)

906170 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3630-1)

940589 AlmaLinux Security Update for kernel-rt (ALSA-2022:5344)

940593 AlmaLinux Security Update for kernel (ALSA-2022:5316)

960258 Rocky Linux Security Update for kernel-rt (RLSA-2022:5344)

960418 Rocky Linux Security Update for kernel (RLSA-2022:5316)