



CVE-2020-15437

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Summary

CVE	CVE-2020-15437
State	PUBLIC
Assigner	securities@openeuler.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-23 21:15:00 UTC
Updated	2020-12-02 19:24:00 UTC
Description	The Linux kernel before version 5.8 is vulnerable to a NULL pointer dereference in drivers/tty/serial/8250/8250_core.c:seria

Risk And Classification

Problem Types: CWE-476

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	Tags
LKML: Yang Yingliang: [PATCH] serial: 8250: fix null-ptr-deref in serial8250_start_tx()	MISC	lkml.org	Exploit, Patch, Vendor Ac
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159185 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-1578)
239314 Red Hat Update for kernel-rt (RHSA-2021:1739)
239339 Red Hat Update for kernel (RHSA-2021:1578)
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)
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)
750508 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2193-1)
750518 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2161-1)
900040 CBL-Mariner Linux Security Update for kernel 5.4.91
903625 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3633)
905900 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3633-1)
940354 AlmaLinux Security Update for kernel (ALSA-2021:1578)

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