



# CVE-2019-19523

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## Summary

<b>CVE</b>	CVE-2019-19523
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-12-03 16:15:00 UTC
<b>Updated</b>	2022-10-31 14:52:00 UTC
<b>Description</b>	In the Linux kernel before 5.3.7, there is a use-after-free bug that can be caused by a malicious USB device in the drivers/u

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] [DLA 2114-1] linux-4.9 security update	MLIST	<a href="#">lists.debian.org</a>	
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.3.7	MISC	<a href="#">cdn.kernel.org</a>	Vendor Advisory
[security-announce] openSUSE-SU-2020:0336-1: important: Security update	SUSE	<a href="#">lists.opensuse.org</a>	
oss-security - Linux kernel: multiple vulnerabilities in the USB subsystem x3	MLIST	<a href="#">www.openwall.com</a>	Mailing List, Third Party Ad
[SECURITY] [DLA 2068-1] linux security update	MLIST	<a href="#">lists.debian.org</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="#">git.kernel.org</a>	Patch, Vendor Advisory
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	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)

940354 AlmaLinux Security Update for kernel (ALSA-2021:1578)

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