



# CVE-2020-36557

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-36557
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-07-21 04:15:00 UTC
<b>Updated</b>	2022-07-27 19:24:00 UTC
<b>Description</b>	A race condition in the Linux kernel before 5.6.2 between the VT_DISALLOCATE ioctl and closing/opening of ttys could lead to a denial of service.

## Risk And Classification

**Problem Types:** CWE-362 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

## References

Reference	Source	Link	Tags
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.2	MISC	<a href="https://cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.2">cdn.kernel.org</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160076](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9761)

[390267](#) Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0024)

[672205](#) EulerOS Security Update for kernel (EulerOS-SA-2022-2466)

[672278](#) EulerOS Security Update for kernel (EulerOS-SA-2022-2686)

672324 EulerOS Security Update for kernel (EulerOS-SA-2022-2712)
752452 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2719-1)
752453 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2723-1)
752455 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2720-1)
752463 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2809-1)
752474 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2827-1)
752502 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2875-1)
752591 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3274-1)
752831 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15) (SUSE-SU-2022:4027-1)
752902 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15) (SUSE-SU-2022:4129-1)
753156 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2741-1)
753316 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2892-1)
753703 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753707 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753727 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)