



# CVE-2022-40476

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

## Summary

<b>CVE</b>	CVE-2022-40476
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-09-14 21:15:00 UTC
<b>Updated</b>	2023-11-07 03:52:00 UTC
<b>Description</b>	A null pointer dereference issue was discovered in fs/io_uring.c in the Linux kernel before 5.15.62. A local user could use th

## 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

## References

Reference	Source	Link	Tags
<a href="https://mirrors.edge.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.15.62">mirrors.edge.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.15.62</a>	MISC	<a href="https://mirrors.edge.kernel.org">mirrors.edge.kernel.org</a>	
KASAN: null-ptr-deref Write in io_file_get_normal - Jiacheng Xu	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>	
KASAN: null-ptr-deref Write in io_file_get_normal - Jiacheng Xu		<a href="https://lore.kernel.org">lore.kernel.org</a>	
<a href="https://kernel/git/stable/linux.git">kernel/git/stable/linux.git</a> - Linux kernel stable 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

[752911](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)

[752913](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4072-1)

[753063](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)

<a href="#">903911</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10955)
<a href="#">903919</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10969)
<a href="#">904085</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10955-1)
<a href="#">904134</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10969-1)
<a href="#">906137</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10955-2)

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