



# CVE-2022-1975

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-1975
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-31 16:15:00 UTC
<b>Updated</b>	2022-09-07 16:49:00 UTC
<b>Description</b>	There is a sleep-in-atomic bug in /net/nfc/netlink.c that allows an attacker to crash the Linux kernel by simulating a nfc device

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	5.18	rc6	All	All

## References

Reference	Source	Link	Tags
NFC: netlink: fix sleep in atomic bug when firmware download timeout · torvalds/linux@4071bf1 · GitHub	MISC	<a href="https://github.com">github.com</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

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">179371</a> Debian Security Update for linux (DSA 5161-1)
<a href="#">180282</a> Debian Security Update for linux (DLA 3065-1)
<a href="#">180605</a> Debian Security Update for linux (DSA 5173-1)
<a href="#">184740</a> Debian Security Update for linux (CVE-2022-1975)
<a href="#">198861</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5518-1)

<a href="#">198891</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5560-1)
<a href="#">198895</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5562-1)
<a href="#">198897</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5564-1)
<a href="#">198911</a> Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5582-1)
<a href="#">199560</a> Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)
<a href="#">199568</a> Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)
<a href="#">199577</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)
<a href="#">377117</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
<a href="#">378473</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)
<a href="#">672158</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2415)
<a href="#">752231</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2082-1)
<a href="#">752234</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2080-1)
<a href="#">752240</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2103-1)
<a href="#">752242</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2104-1)
<a href="#">752250</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2111-1)
<a href="#">752254</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2116-1)
<a href="#">752276</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2173-1)
<a href="#">752354</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2393-1)
<a href="#">753091</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2172-1)
<a href="#">753296</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2177-1)

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