



# CVE-2022-2959

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

## Summary

<b>CVE</b>	CVE-2022-2959
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-25 18:15:00 UTC
<b>Updated</b>	2023-05-26 19:42:00 UTC
<b>Description</b>	A race condition was found in the Linux kernel's watch queue due to a missing lock in pipe_resize_ring(). The specific flaw c

## Risk And Classification

**Problem Types:** CWE-362 | CWE-667

## 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	Tag
August 2022 Linux Kernel 5.18 Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
pipe: Fix missing lock in pipe_resize_ring() · torvalds/linux@189b0dd · GitHub	MISC	<a href="https://github.com">github.com</a>	
ZDI-22-1165   Zero Day Initiative	MISC	<a href="https://www.zerodayinitiative.com">www.zerodayinitiative.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	can
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	can

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160423](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-0334)

[180959](#) Debian Security Update for linux (CVE-2022-2959)

[198921](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5594-1)

<a href="#">198927</a> Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5599-1)
<a href="#">198929</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5602-1)
<a href="#">198942</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5616-1)
<a href="#">198950</a> Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)
<a href="#">241008</a> Red Hat Update for kernel (RHSA-2022:8973)
<a href="#">241009</a> Red Hat Update for kernel-rt (RHSA-2022:8974)
<a href="#">241022</a> Red Hat Update for kpatch-patch (RHSA-2022:9082)
<a href="#">241095</a> Red Hat Update for kernel (RHSA-2023:0334)
<a href="#">241096</a> Red Hat Update for kernel-rt (RHSA-2023:0300)
<a href="#">241101</a> Red Hat Update for kpatch-patch (RHSA-2023:0348)
<a href="#">377117</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
<a href="#">610462</a> Google Android Devices January 2023 Security Patch Missing
<a href="#">610467</a> Google Android February 2023 Security Patch Missing for Samsung
<a href="#">752594</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3293-1)
<a href="#">752930</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 0 for SLE 15 SP4) (SUSE-SU-2022:4113-1)
<a href="#">753063</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
<a href="#">753167</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3288-1)
<a href="#">903788</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10705) (DEPRECATED)
<a href="#">903858</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10692)
<a href="#">904014</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10705-1)
<a href="#">904139</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10692-1)
<a href="#">906071</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10705-2)
<a href="#">906274</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10692-2)
<a href="#">940904</a> AlmaLinux Security Update for kernel (ALSA-2023:0334)
<a href="#">940910</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:0300)
<a href="#">960503</a> Rocky Linux Security Update for kernel-rt (RLSA-2023:0300)
<a href="#">960587</a> Rocky Linux Security Update for kernel (RLSA-2023:0334)

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