



# CVE-2023-1075

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2023-1075   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | secalert@redhat.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2023-03-27 21:15:00 UTC   |
| <b>Updated</b>         | 2023-04-05 13:34:00 UTC   |
| <b>Description</b>     | A flaw was found in the Linux Kernel. The <code>tls_is_tx_ready()</code> incorrectly checks for list emptiness, potentially accessing a typ |

## Risk And Classification

**Problem Types:** CWE-843

## NVD Known Affected Configurations (CPE 2.3)

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

## References

| Reference  | Source  | Link  | Tags                |
|--|---------|---|---------------------|
| kernel/git/next/linux-next.git - The linux-next integration testing 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

[161066](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)

[161147](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

[182258](#) Debian Security Update for linux (CVE-2023-1075)

[199254](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5978-1)

[199342](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6080-1)

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|---|
| <a href="#">199343</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6079-1)                 |
| <a href="#">199346</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6085-1)  |
| <a href="#">199351</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6090-1)                 |
| <a href="#">199353</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6091-1)                 |
| <a href="#">199354</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6096-1)                 |
| <a href="#">199355</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6094-1)                 |
| <a href="#">199368</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6109-1)  |
| <a href="#">199376</a> Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6118-1)        |
| <a href="#">199384</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6132-1)                 |
| <a href="#">199385</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6134-1)    |
| <a href="#">199389</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6133-1)    |
| <a href="#">199465</a> Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1) |
| <a href="#">199614</a> Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)           |
| <a href="#">199764</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1)           |
| <a href="#">242399</a> Red Hat Update for kernel security (RHSA-2023:6583)  |
| <a href="#">242434</a> Red Hat Update for kernel-rt security (RHSA-2023:6901)                                     |
| <a href="#">242451</a> Red Hat Update for kernel security (RHSA-2023:7077)  |
| <a href="#">242789</a> Red Hat Update for kernel (RHSA-2024:0575)   |
| <a href="#">242890</a> Red Hat Update for kernel (RHSA-2024:0724)   |
| <a href="#">378537</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0048)                |
| <a href="#">378710</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)                |
| <a href="#">673121</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2296)                                  |
| <a href="#">673157</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2272)                                  |
| <a href="#">673272</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2584)                                  |
| <a href="#">673604</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2811)                                  |
| <a href="#">753902</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1)           |
| <a href="#">753905</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1)           |
| <a href="#">755851</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)           |
| <a href="#">941453</a> AlmaLinux Security Update for kernel (ALSA-2023:7077)                                      |

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