



CVE-2023-1076

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

Summary

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2023-1076 |
| State | PUBLIC |
| Assigner | secalert@redhat.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-03-27 21:15:00 UTC |
| Updated | 2023-05-03 01:15:00 UTC |
| Description | A flaw was found in the Linux Kernel. The tun/tap sockets have their socket UID hardcoded to 0 due to a type confusion in t |

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 |
|--------------------------------------------------------------------------|---------|---------------------------------------------------------|---------------------|
| [SECURITY] [DLA 3404-1] linux-5.10 security update | MLIST | lists.debian.org | |
| kernel/git/next/linux-next.git - The linux-next integration testing tree | MISC | git.kernel.org | |
| kernel/git/next/linux-next.git - The linux-next integration testing tree | MISC | git.kernel.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | 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)

[181765](#) Debian Security Update for linux-5.10 (DLA 3404-1)

[184581](#) Debian Security Update for linux (CVE-2023-1076)

[199298](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6033-1)

| | |
|--------|--------------------------------------------------------------------------------------------|
| 199424 | Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6172-1) |
| 199425 | Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6171-1) |
| 199438 | Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-6187-1) |
| 199439 | Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6185-1) |
| 199451 | Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6207-1) |
| 199463 | Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-6223-1) |
| 199465 | Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1) |
| 199614 | Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1) |
| 199764 | Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1) |
| 242399 | Red Hat Update for kernel security (RHSA-2023:6583) |
| 378468 | Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042) |
| 378512 | Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042) |
| 378701 | Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0030) |
| 378710 | Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079) |
| 672981 | EulerOS Security Update for kernel (EulerOS-SA-2023-1848) |
| 673005 | EulerOS Security Update for kernel (EulerOS-SA-2023-1873) |
| 673017 | EulerOS Security Update for kernel (EulerOS-SA-2023-1978) |
| 673047 | EulerOS Security Update for kernel (EulerOS-SA-2023-1956) |
| 673074 | EulerOS Security Update for kernel (EulerOS-SA-2023-2193) |
| 673121 | EulerOS Security Update for kernel (EulerOS-SA-2023-2296) |
| 673157 | EulerOS Security Update for kernel (EulerOS-SA-2023-2272) |
| 753901 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1803-1) |
| 753902 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1) |
| 753903 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1801-1) |
| 753905 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1) |
| 753914 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1848-1) |
| 754023 | SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2232-1) |
| 755851 | SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1) |

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