# CVE-2022-3977

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2022-3977 |
| **State** | PUBLIC |
| **Assigner** | secalert@redhat.com |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2023-01-12 19:15:00 UTC |
| **Updated** | 2023-04-11 18:15:00 UTC |
| **Description** | A use-after-free flaw was found in the Linux kernel MCTP (Management Component Transport Protocol) functionality. This |

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | All | All | All | All |
| Operating System | Linux | Linux Kernel | 6.1 | rc1 | All | All |

## References

| Reference | Source | Link | Tags |
|---|---|---|---|
| CVE-2022-3977 Linux Kernel Vulnerability in NetApp Products \| NetApp Product Security | CONFIRM | security.netapp.com | |
| kernel/git/torvalds/linux.git - Linux kernel source tree | MISC | git.kernel.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, ana |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

184018 Debian Security Update for linux (CVE-2022-3977)

199089 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-1)

199096 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5793-2)

199098 Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5793-4)

199099 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-3)

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**Free CVE JSON API** cve.report/api

**CVE.report and Source URL Uptime Status status.cve.report**