



# CVE-2022-29968

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-29968  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | cve@mitre.org   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-05-02 04:15:00 UTC   |
| <b>Updated</b>         | 2023-11-07 03:46:00 UTC   |
| <b>Description</b>     | An issue was discovered in the Linux kernel through 5.17.5. io_rw_init_file in fs/io_uring.c lacks initialization of kiocb->priva |

## Risk And Classification

### Problem Types: CWE-909

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                                       | Version | Update | Edition | Language |
|------------------|-------------------------------|---|---------|--------|---------|----------|
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>                        | 34      | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>                        | 35      | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>                        | 36      | All    | All     | All      |
| Application      | <a href="#">Linux</a>         | <a href="#">Linux Kernel</a>                  | All     | All    | All     | All      |
| Operating System | <a href="#">Linux</a>         | <a href="#">Linux Kernel</a>                  | All     | All    | All     | All      |
| Hardware         | <a href="#">Netapp</a>        | <a href="#">H300s</a>                         | -       | All    | All     | All      |
| Operating System | <a href="#">Netapp</a>        | <a href="#">H300s Firmware</a>                | -       | All    | All     | All      |
| Hardware         | <a href="#">Netapp</a>        | <a href="#">H410c</a>                         | -       | All    | All     | All      |
| Operating System | <a href="#">Netapp</a>        | <a href="#">H410c Firmware</a>                | -       | All    | All     | All      |
| Hardware         | <a href="#">Netapp</a>        | <a href="#">H410s</a>                         | -       | All    | All     | All      |
| Operating System | <a href="#">Netapp</a>        | <a href="#">H410s Firmware</a>                | -       | All    | All     | All      |
| Hardware         | <a href="#">Netapp</a>        | <a href="#">H500s</a>                         | -       | All    | All     | All      |
| Operating System | <a href="#">Netapp</a>        | <a href="#">H500s Firmware</a>                | -       | All    | All     | All      |
| Hardware         | <a href="#">Netapp</a>        | <a href="#">H700s</a>                         | -       | All    | All     | All      |
| Operating System | <a href="#">Netapp</a>        | <a href="#">H700s Firmware</a>                | -       | All    | All     | All      |
| Application      | <a href="#">Netapp</a>        | <a href="#">Solidfire Hci Management Node</a> | -       | All    | All     | All      |

## References

| Reference   | Source  | Link   |
|---|---------|--|
| [SECURITY] Fedora 36 Update: kernel-headers-5.17.6-300.fc36 - package-announce - Fedora Mailing-Lists |         | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| [SECURITY] Fedora 34 Update: kernel-headers-5.17.6-100.fc34 - package-announce - Fedora Mailing-Lists |         | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| [SECURITY] Fedora 35 Update: kernel-5.17.6-200.fc35 - package-announce - Fedora Mailing-Lists         |         | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| io_uring: fix uninitialized field in rw io_kiocb · torvalds/linux@32452a3 · GitHub                    | MISC    | <a href="https://github.com">github.com</a>                        |
| [SECURITY] Fedora 35 Update: kernel-5.17.6-200.fc35 - package-announce - Fedora Mailing-Lists         | FEDORA  | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| CVE-2022-29968 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security                | CONFIRM | <a href="https://security.netapp.com">security.netapp.com</a>      |
| [SECURITY] Fedora 34 Update: kernel-headers-5.17.6-100.fc34 - package-announce - Fedora Mailing-Lists | FEDORA  | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| [SECURITY] Fedora 36 Update: kernel-headers-5.17.6-300.fc36 - package-announce - Fedora Mailing-Lists | FEDORA  | <a href="https://lists.fedoraproject.org/">lists.fedoraproject</a> |
| CVE Program record  | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                      |
| NVD vulnerability detail  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                    |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

|   |
|---|
| <a href="#">183860</a> Debian Security Update for linux (CVE-2022-29968)                                |
| <a href="#">198823</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5471-1) |
| <a href="#">282668</a> Fedora Security Update for kernel (FEDORA-2022-a0f65397a3)                       |
| <a href="#">282669</a> Fedora Security Update for kernel (FEDORA-2022-fd85148be2)                       |
| <a href="#">282698</a> Fedora Security Update for kernel (FEDORA-2022-e9378a3573)                       |
| <a href="#">901294</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9621)        |
| <a href="#">901913</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9596)        |
| <a href="#">902103</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9596-1)      |
| <a href="#">902226</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9621-1)      |
| <a href="#">906097</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9621-2)      |
| <a href="#">906248</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9596-2)      |

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