

Overall rating: High



This notification is intended as an informational bulletin for technical audiences.

## Summary

The Vulnerability and Risk Management (VRM) Team is aware a time-of-check to time-of-use issue exists in io\_uring subsystem's IORING\_OP\_CLOSE operation. Affects Linux kernel's versions 5.6 - 5.11 (inclusive)

## Technical Details

Exploitation allows a local user to elevate their privileges to root. Introduced in b5dba59e0cf7e2cc4d3b3b1ac5fe81ddf21959eb, patched in 9eac1904d3364254d622bf2c771c4f85cd435fc2, backported to stable in 788d0824269bef539fe31a785b1517882eafed93.

This vulnerability is rated as a **High** Severity.

## Recommended Action

- Investigate how your area of responsibility is affected.
- Notify business owner(s) as required.
- *Ensure mitigation is performed at your next change window.*

Please notify [VRM](#) with any questions or concerns you may have.

## References

- [CVE-2023-1295](#)
- <https://git.kernel.org/pub/scm/linux/kernel/git/stable/linux.git/commit/?id=788d0824269bef539fe31a785b1517882eafed93>
- <https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=9eac1904d3364254d622bf2c771c4f85cd435fc2>
- <https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=b5dba59e0cf7e2cc4d3b3b1ac5fe81ddf21959eb>
- <https://kernel.dance/788d0824269bef539fe31a785b1517882eafed93>
- <https://kernel.dance/9eac1904d3364254d622bf2c771c4f85cd435fc2>