

# Linux Plumbers Conference 2024



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## ublk based zero copy I/O - use case in Android

*Friday, 20 September 2024 12:40 (20 minutes)*

This presentation delves into the ongoing upstream work: ublk zero copy based io\_uring effort:

<https://lore.kernel.org/io-uring/06c5f635-b065-4ff1-9733-face599ddfe3@gmail.com/T/#m6c99306b44992ee8fc12ad4e9d7a28cd59e081bb>

The talk will focus on:

- 1: Why ublk zero copy is required in Android and how it will be used. Will explore the use cases that necessitate the implementation of ublk zero copy.
- 2: Walk through the I/O traces and discuss the prototype of the ongoing upstream patch with performance numbers and other caveats.

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**Session Classification:** Android MC

**Track Classification:** Android MC