

# Linux Plumbers Conference 2024



Contribution ID: 345

Type: **not specified**

## Zoned Storage MC Intro

*Wednesday 18 September 2024 15:00 (30 minutes)*

In this session we'll kick off the MC by summing up what has been going on in the Linux zoned storage space since the last LPC MC two years ago.

We'll focus on what is not covered by dedicated sessions later in the afternoon:

- Zoned Mobile flash is now supported in UFS and F2FS
- The deadline scheduler is no longer required for zoned storage devices
- Ceph Crimson supports Zoned Namespace SDDS and Host managed SMR drives
- ZoneFS continues to be improved
- Data placement using hints is back in fashion.
- BTRFS zoned storage support is improving
- UBLK added support for zoned storage
- Loads of research on the subject has been done

**Primary authors:** LE MOAL, Damien (Western Digital); HOLMBERG, Hans; THUMSHIRN, Johannes (Western Digital Corporate)

**Presenters:** LE MOAL, Damien (Western Digital); HOLMBERG, Hans; THUMSHIRN, Johannes (Western Digital Corporate)

**Session Classification:** Zoned Storage Devices MC

**Track Classification:** Zoned Storage Devices MC