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# LDMS USER GROUP MEETING

May 20, 2024

# Agenda

- v4.4.3 Release
- v4.4.4 Release Plan
- Shifting Focus on v4.5.1 Release
- YAML Syntax Workgroup Update
- LDMSCON2024 Deadline Reminders

## v4.4.3 Release

- v4.4.3 has been released.
- The tag is v4.4.3.
- The naming convention has been changed (OVIS-4.4.#  $\Rightarrow$  v4.4.#) to conform with the recommendations of github and others in our development community.

# Changes in v4.4.3

- What's new
  - New sampler plugins to collect ZFS statistics
    - `zfs_zpool`
    - `zfs_leafvdevs`
    - `zfs_topvdevs`
- Update Github workflow to support the release of v4.4 series
- Bug fixes in the decomposition path
- Improvements and bug fixes in various sampler and storage plugins
- Bug fixes and updates in `configure.ac` and `Makefile.am`'s
- Add decomposition support to `dump_cfg`



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## v4.4.4 Release Plan

- There are outstanding changes to get into the v4.4 series.
- Accept new features into the b4.4 branch, which will likely be the last v4.4 version
- Tentative timeline
  - Accept new features until the end of June
  - Start testing in the beginning of July
  - Aim to release v4.4.4 by the end of July



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# Shifting Focus on v4.5.1 Release

- After v4.4.4 has been released, our focus will then shift to v4.5.1 which will be based on top-of-tree (OVIS-4)
- b4.4 and top-of-tree have been diverged
- Featured new capabilities on top-of-tree.
  - Improvement in scalability
    - Rails
  - Sampler Advertisement
  - New LDMS Stream – Configurable Stream buffer limit
  - YAML-based Configuration File Support

# YAML Syntax Workgroup Updates

- Structural Changes
  - Create a new module that implements the YAML parsing logic
  - Refactor maestro\_ctrl to use this module
  - Move the new YAML module, maestro\_ctrl, and maestro into LDMSD
  - Implement the -Y option in LDMSD
- LDMSCON's daemon name (specified with the -n option) will be used to filter the configuration information. By parsing the YAML file, only the configuration relevant to the daemon name will be exported.

# YAML Syntax Workgroup Meeting

- May 27th's YAML Syntax WG meeting canceled – Memorial Day holiday
- June 10th's meeting canceled – LDMSCON2024



# LDMSCON2024 Deadline Reminders

## Hotels:

- Today by 5 PM ET is the last day to get the conference rate.
- June in Boston is peak season, so getting a room nearby could be a challenge.
- Two hotels:
  - **Charlesmark Hotel:**
    - To make a reservation by phone (use reservation name OGCUS24): (617)247-1212
  - **Hilton Boston Park Plaza:**
    - <https://book.passkey.com/e/50804298>
    - To make reservations by phone (use reservation name LDMS User Group Meeting): (617)203-7165

# LDMSCON2024 Deadline Reminders



## REGISTER NOW!

- This Friday, May 24th is the last day to leverage the early registration rates.
- Eventbrite: <https://www.eventbrite.com/e/868427579267>

## Submissions

- This Friday, May 24th is the last day to submit your abstracts.
- EasyChair: <https://easychair.org/conferences/?conf=ldmscon2024>

# Q&A and Discussion

- Thank you!

