LDMS USER GROUP MEETING

Dec 15, 2025

Agenda

- V4.5.2 Status
- V4.6 Plan/Status
- User group meeting schedule for December/January
- LDMSCON updates
- Q&A

V4.5.2 - Status

- Plan release is ~~end of year~~ Jan 16
  - A proposal to move the target date to Jan 16, 2026 due to extended holiday break – No objections
- Branch is origin/b4.5
- d4cf5e8b (HEAD -> b4.5) Fix CLIENT_CLOSE race in ldms_msg
  - The client close event could be delivered ahead of outstanding receive events
- e8c503f4 Fix slurm_sampler2 - all tasks exit does not infer job exit
  - slurm_sampler2 was prematurely setting the job exit time which prevented sets from having their job_id set properly
- 6fa9b873 Fix setns() issue on slurm due to ldms_msg
  - Message bus changes added a thread that was not getting cleaned up at fork. This prevented slurm jobs from running in containers when the the plugin was configured in plugstack.conf
- 0544d229 Fix nested structure definitions in anonymous union
  - C++ programs would not compile if including ldms.h
- Group requests?
  - What other issues/pull requests from main do we need to have
  - Ben A will create a PR to address YAML parser issues
  - Nick created a PR addressing hostname parsing issue
  - PR 2103: IPv6
  - PR 2111: link ovis_log library
  - Chris will create a PR containing fixes he needs to LLNL to be in b4.5

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V4.6 Plan/Status

- V4.6 release target
  - End of March
  - Key Features
    - Message Channel API
    - Event-Based Storage
    - Job Event Triggered Sampler
    - Curated Metric Set Sampler
    - file_importer sampler
    - Job Manager Wrapper API
    - Multi-tenant Infrastructure
    - JSON Performance Improvements
  - Bug fixes

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LDMS User Group Schedule

- 🚫 December 29, 2025 – No meeting (Holiday break)
- ✅ January 12, 2026 – Next meeting

LDMSCON2026

WHEN June 9 - 11, 2026	**WHERE** David Rubenstein Forum, UChicago
REGISTRATION Opens in early 2026	**INFO & WEBSITE** More info at https://sites.google.com/view/ldmscon2026

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Happy Holidays! ✨🎁

Q&A

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Thank you!