LDMS USER GROUP MEETING

Oct 20, 2025

Agenda

- Recent Fixes and Updates
- Testing Status
- Q&A

Recent Fixes and Updates

- Bug fixes and improvements in **linux_proc_sampler**
- Ensure consistency in the job data collection pipeline and maintains compatibility
  - Update `netlink-notifier`, `syspapi_sampler`, and `papi_sampler` to use `ldms_msg`
    - `spank-notifier` (LDMS Spank plugin), `slurm_sampler`, and `linux_proc_sampler` have been refactored to use `ldms_msg`
  - Add `blob_msg_writer` sampler plugin to receive `ldms_msg`
    - Complement the existing `blob_stream_writer`
- Add documentation on **ldmsd** configuration files with the -c command-line option
- Various updates and fixes in test scripts
- Various bug fixes discovered during testing
- Documentation updates and fixes

Testing Status

- Testing in Progress at Sandia
  - Goal is 48 hour run with normal operation
    - No crashes or abnormal/un-expected terminations
  - 5120 -Compute **ldmsd**
    - 3 sets per compute
    - Message channel testing between plugins
  - 2 - 1st level aggregators
  - 1 - 2nd level aggregator
    - Storing to CSV and Blob
  - Flapping Computes and 1st-level Aggregators Independently
- Timeline for Completing Testing
  - Complete by Friday, October 24

Q&A

Thank you!