

# LDMS User's Group Meeting

October 24, 2022

# Agenda

- Release 4.3.10
- LDMS CON Doodle Poll
- Q & A

# Release 4.3.10

- Targeting November 7
- Testing to begin Oct 31<sup>st</sup>
- Only pull requests addressing issues found during testing will be accepted into 4.3.10 after Oct 31<sup>st</sup>.

## 4.3.10 - Important Fixes

- SIGBUS error in spank\_notifier
  - Caused by slurmstepd unloading plugin while I/O still outstanding on the stream interface
- slurm\_sampler
  - Missing job start events
    - Caused by race in authentication in connect path and send in application path
  - Missing job exit events
    - Caused by race between send path and dlclose() path
- Push of inconsistent/oversampled sets
  - Update complete for pulled sets would forward these sets if configured for push mode even if the sets were inconsistent or had not changed
- File descriptor leak on auth configuration error
  - Issue with error path when client and server disagreed on authentication method

# LDMS CON Doodle Poll

- We will be sending out a Doodle Poll for the remote LDMS CON
- Currently the following days are being considered:
  - 12/10/22 - 12/12/22
  - 12/17/22 - 12/19/22
  - others ...?

# Q & A

- Anyone have any experience with the monitoring of the HPE slingshot interfaces?
  - Some users are trying to use the HPE provided interface/sampler
  - Others are considering writing their own
  - Would like to have a metric set per interface, and or
  - A single metric set with a record entry for each interface
  - Configuration is onerous given how metrics to be sampled/stored are specified
- Need another discussion about storage decomposition
- Need use cases and examples for the utilization of lists and list of records
- Need discussion about AVRO cases (storage, vs, metric schema, etc...)