



OGC



Sandia  
National  
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# LDMS USER GROUP MEETING

JULY 31, 2023

# AGENDA

- OVIS 4.5.1 (TOT) Status
- OVIS 4.4.1 Status
- Q & A

# PLANNED OVIS 4.5.1 STATUS

- This is currently the top of tree which continues to evolve.
- Principal features not in 4.4.1 (so far)
  - RAILS
    - Currently in testing at SNL
  - Streams flow control
    - Currently in testing at SNL
  - Removal of msglog pointer interface
  - Modification of all plugins to use `ovis_log`
- Tree is currently not release-stable

# OVIS 4.4.1 STATUS

- Forked from 4.3.11 as OVIS-4.4.1-rc
  - Includes 45+ fixes and features
- Currently in scalability test
- Release still targeted for mid August



# OVIS 4.4.1

- Change munge authentication message
- Fix stats calc and lookup error path
- Fix bug in LDMS\_V\_RECORD\_ARRAY logic that miscalculates offset of next metric
- Remove unused macro from ldms\_core.h
- Add decomposition support to dump\_cfg
- Command to dump the current running configuration
- Update DAOS sampler for new producer/component details
- Reap idle zap threads
- Fix 'rc' returned uninitialized warning in ldmsd\_request.c
- Increment row count in store\_csv commit\_rows

# OVIS 4.4.1

- Idms\_ls option to print decomposition templates
- Check for null val in \_\_jdict\_str
- [FIX] change schema name to aggregate data
- Make strgp\_status report the regex and decomposition
- Replace actions/upload-release-asset with softprops/action-gh-release
- Update actions/upload-artifact to v3
- Update actions/checkout to v3
- Make set\_sec\_mod accept value zero of UID or GID
- Fix test sampler parsing of the component\_id
- Fix the strgp\_add handler in ldmsd\_communicator.py

# OVIS 4.4.1

- Fix the daemon\_exit handler in ldmsd\_communicator.py
- Make ldmsd\_controller and ldmsctl support set\_sec\_mod
- Add the config command handler that changes LDMS sets' security params
- Add an LDMS API to change sets' security parameters
- Update updtr\_match\_list in ldmsd\_controller and ldmsctl
- Fixes #1183 Return ENOTCONN for disconnected producers
- Account for unresponsive producers in update\_time\_stats json formatting
- Update store\_avro\_kafka man page
- add spool-on-close option to simplify db ingest
- Update LDMS\_V\*8\_ARRAY logicalTypes to match LDMS\_V\_\*8
- Reap unused Zap threads



# OVIS 4.4.1

- Normalize the Avro logical types
- Include procnetdev2 man page, and clean up Makefile.am
- Add support for logicalTypes in Avro schema
- Use Avro name mapping service for encoding rows
- Add Avro name mapping service
- Remove unused include of jansson.h
- Fix strgp\_del that modifies the plugin reference at the wrong address
- Use default schema registry port in avro kafka store man page
- Distribute the man page for store\_avro\_kafka
- Correct name of the man page for store\_avro\_kafka
- Correct timestamp-millis in avro schema



# Q & A



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