

# LDMS USER GROUP MEETING

August 11, 2025

# Agenda

- V4.5.1 Status/Planning
- Q&A

## V4.5.1 Outstanding Release Blockers

- Pull Requests
  - 1915 - Threadstat Issues
  - 1911 - Drop Support for Groups - Is this already on main?
  - 1908 - SOS Client Dependency Build Issues
  - Other release blockers?
- Issues
  - 1916 - Compatibility issue between RHEL8 and RHEL9
  - 1813 - Assert hit during startup/lis combination
  - 1817 - strgp's container= parameter must be optional - Fixed by PR# 1738
  - 1843 - Tom is going to take a look at this
  - 1872 - Probably threadstat ... will retest after
  - 1876 - SIGSEGV in zap\_sock\_io\_p - might be fixed by PR# 1915
  - 1694 - libfabric 2.1.0 does not build and therefore Idms won't work with the newer libfabric
  - Tom will look into this
  - Other release blockers?

## V4.5.1 PR# 1915

- Currently working on initial testing complete fix for this issue
  - The current logic updates a threadstat object that is never used. The memory is leaked, but the real problem is that the statistics are lost.
  - Discovered when memory leak was fixed resulting in a use-after free crash
- Expect to be submitting complete fix by Tuesday evening
- Release testing **Weds ... Fri**
- **Would appreciate any/all help with testing on that schedule from others if possible**
  - **Affects errors during passive side connect**
  - **Affects looping on ldms\_ls, i.e. passive**
  - **Probably affects scalability**
  - **Passive side statistics are lost during connect phase**

## V4.5.1 PR# 1911

- This is currently on 4.4.5
  - It seems like this affects slingshot support on 4.5.1 and is therefore a blocker
  - What is the plan for refactoring and submitting a PR on 4.5.1?
- Already merged in main ... yeah.

## V4.5.1 PR# 1908 - -L flags

- There are outstanding comments that suggest that this work is not yet completed
  - What is the plan for addressing the comments and re-submitting a PR on 4.5.1?
  - Is this really a release blocker?
  - Does --with-sos fix this problem?
  - If --with-sos resolves the compile issue, then the configure.ac fix should be to fail the configure if the SOS build flags are empty.

## V4.5.1 Issue #1916

- Compatibility issue between RHEL8  $\leftrightarrow$  RHEL9
  - Who is going to sign up to address this problem?
  - @baallan 😊
  - Seems like this is an issue with the message bus?
  - Idms\_Is ... works
  - Idms\_Is -l ... does not work
  - RHEL8  $\rightarrow$  RHEL9 does not work
  - Ben will test with RHEL9  $\rightarrow$  RHEL8



- Q & A
  - Tentatively plan for release August 25<sup>th</sup>



Thank you!