



OGC



Sandia  
National  
Laboratories

# LDMS USER GROUP MEETING

MARCH 13, 2023

# AGENDA

- OVIS 4.3.11 Status
- OVIS 4.4.2 Features/Schedule
- LDMSCON Updates
- Q & A





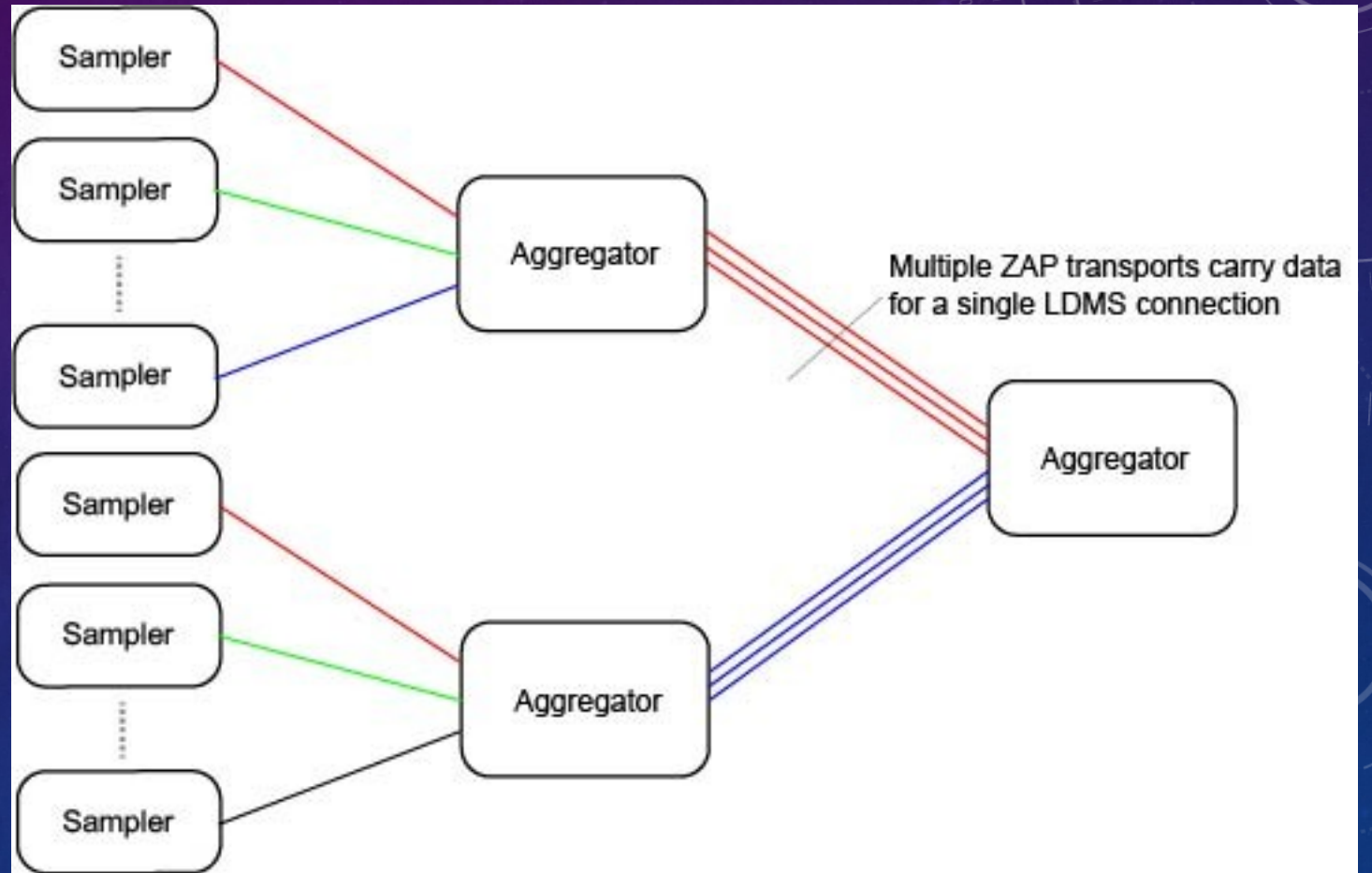
# OVIS 4.3.11 STATUS



- Should we name this 4.4.1?
- Today (3/13) is the last day for new features
- Scale/Resiliency testing starts 3/14

# OVIS 4.4.2 FEATURES - RAILS

- Multiple Zap connections inside a single LDMS transport
- Each Zap connection corresponds to a thread
- Intended to handle the scaling issues caused by the aggregation tree structure





# LDMSCON UPDATES

- <https://sites.google.com/view/ldmscon2023>
  - June 13<sup>th</sup> - June 15<sup>th</sup> 2023
- Created LDMS, LLC a corporate entity to run the conference
  - Currently forming Board of Directors, drafting by-laws and other corporate functions
- LDMS, LLC has signed a contract with Boston University for a 50-person space and catering in the new Computer and Data Sciences building (<https://www.bu.edu/data-sciences-center/>)
- LDMS, LLC has signed a block room reservation contract with The Eliot Hotel (<https://www.eliothotel.com/>)
  - Reservation cutoff is May 22, 2023
  - Rate is \$285 / night for a one-bedroom suite
- Registration
  - Free!

# Q & A

- With decomposition
  - Support for multiple lists - yes
  - Support for lists of records, the record of which contains another list - not yet
  - Why do we need to specify a destination type when it can be inferred from the source type
    - If they are different, how does type-casting work
  - Need to update readthedocs.io, etc... with examples
- Do we need/when an LDMS\_V\_TIMESTAMP\_NS?
- Does the schema change to the Lustre MDC sampler affect anyone in current use
  - Consensus is that no one is currently using this sampler.
- Schema versioning
  - Schema meta data is extended to contain a 'name' and a 'version'?
  - Do we add data-coupling and use some type of '.' naming to encode version in the schema name (better for backward compatibility)?