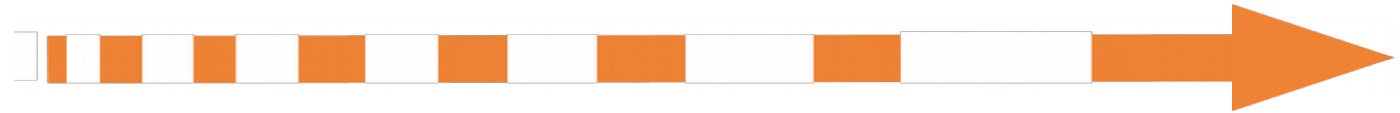


DOMA-QoS update



Data Management for extreme scale computing



Paul Millar

paul.millar@desy.de

DOMA meeting

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Current activities

- ✗ Engage with **experiments** to explore adapting workflows to include QoS concepts,
- ✗ Engage with **sites** to learn what technologies are currently available, and from their experiences of technologies that are currently not available to experiments,
- ✗ **Coordinate** our activities within the wider community: other DOMA activities, WLCG workgroups, and (potentially) further afield.

Engaging with experiments

- ✗ ATLAS continues to engage strongly.
- ✗ No one from the other major VOs (CMS, LHCb, Alice) has stepped forward as a contact person.
- ✗ Direct, ad hoc contact with certain people within CMS and LHCb suggest they **have interest** and **see value** in DOMA-QoS.
- ✗ Considering writing a QoS “**white paper**”
 - Provide a high-level summary of QoS
 - Explain terminology
 - Suggest possible VO interactions
 - Would allow VOs to interact without committing someone.

Engaging with sites

- ✗ The Site survey is at a “camera ready” stage
- ✗ Will be using **CERN** and **DESY** as “guinea pig” sites:
 - verifying the questions are understandable
 - Provide exemplar answers, to be included in the survey proper.
- ✗ Already received feedback from DESY, CERN is underway.

General Communication

- ✗ Gave a talk at the **GDB meeting** 2019-01-16, introducing DOMA-QoS
 - ➡ Seemed well received, with some questions and comments from the floor – including very encouraging comments from Concenzio Bozzi, the new LHCb technical coordinator.
- ✗ Anticipate giving an XDC talk at the **Rucio community workshop**, which will include QoS.
 - ➡ Potentially engaging with communities outside of WLCG.

Engaging with storage technology

- ✗ This is partially done through the **eXtreme DataCloud**:
 - DESY/dCache and CERN/FTS,gfal, ... are represented
- ✗ We are at the early stages for any software changes:
 - still understanding the potential high-level workflows
- ✗ Initial set of changes will likely not involve software changes
 - modifying configuration or different buying strategies.
- ✗ However, to be in time, we are ramping up involvement.
- ✗ Started by send out an invitation to the **SLAC xrootd development team** to join DOMA-QoS activity.

Summary

- ✗ Not much change since last DOMA meeting (2019-12-19).
- ✗ **Site survey** almost at the point where we can send it.
- ✗ Exploring other ways for VOs to contribute, such as writing a **white paper**.
- ✗ Started inviting storage/tech development teams.