Panda Meeting 2023-02-15

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Zoom Link

Time

8 am PT

Attendees

Fabio Hernandez Jen Adelman-Mccarthy Brian Yanny Edward Karavakis Michelle Gower Mikolaj Kowalik Peter Love Richard Dubois Wen Guan Zhaoyu Yang Wei Yang

Regrets

Agenda:

1. Testing ci_hsc_gen3 at USDF and UKDF
    a. USDF: run all 126 pipeline tasks: https://panda-doma.cern.ch/tasks/?reqid=3163&display_limit=300&days=30
    b. UKDF: test with a single tasks (isr): https://panda-doma.cern.ch/tasks/?reqid=3316&days=30 (using gfal to workaround webdav issue, will test full/126 pipeline tasks)
    c. FrDF: waiting for a Butler setup
    d. what is the next step? trying to repeat DP0.2 at FrDF using Panda ? Or it is too ambitious (and need a smaller task to debug?)
2. Docs Update
    a. DMTN-213: Add a new draft that include a section about generating Q-graph at remote site
    b. DM-37847: DF site env. for Panda, reviewed by Michelle and Wei
3. Panda submission to DFs
4. Panda service installation at USDF
5. AOB

Notes:

1. Full ci_hsc_gen3 testing jobs are also successful at UKDF https://panda-doma.cern.ch/tasks/?reqid=3360&display_limit=300
    a. Zhaoyu reported significant improvement of Panda JEDI and iDDS turn around time, after tuning by Wen (increase pulling frequency).
    b. Peter promised to allocate 100 dedicated cores for Rubin Panda testing
    c. Fabio thought that a full DP0.2 takes weeks or months, and is not a good next step. Suggested to use one or a few tracks in DP0.2 for the next step of Panda test at multi-DF
2. Wen noticed that when submitting to USDF via ARC CE, Panda only get ~1000 jobs. Need to investigate whether this is a resource limitation issue (Wei is restricting Panda jobs at USDF (via ARC CE) to only run on the Rome nodes, not Milano nodes). or a ARC CE scaling issue (in this case, we may need to add more ARC CE).
3. Eddy is working on production DB for Panda at USDF. The DB will be deployed with cloud native method (so its it HA).
4. Where are we in multi-DF scaling test, need to update the status spread-sheet