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Workflow Team Meeting - Oct 2 4PM CERN time

Vidyo Link [↗](#)

Attending

- FNAL: Jen, Jorge, Dave, Seangchan, Luis
- CERN : Andrew and Julian

Personel

Sep 25 -> Oct 2	Sara
Oct 2-> Oct 9	Xavier

- Dave is done with Jury duty. He can now tell you what parts of Kane county to avoid.

News

- hyper urgent Upg2023SHCAL14DR is down to one last ACDC2
- SL6 stress testing, backfill - more on this further down the agenda
 - ◆ `resubmit.py` script modified to get a backfill wf from any given workflow (not Taskchain)
 - ◆ to use it: `python resubmit.py WORKFLOW USER GROUP -b`
 - ◆ it will add "Backfill" everywhere (Acquisition era, processing string, bla bla bla)
 - ◆ it will reset the request date (treated as new request).
 - ◆ example:

```
[vocms174] /afs/cern.ch/user/j/jbadillo > python WmAgentScripts/resubmit.py pdmvserv_TSG-Spring14
Submitting workflow
RESPONSE ....
Cloned workflow: jbadillo_TSG-Spring14dr-Backfill-00048_00226_v0__141002_110514_6144
```

- ◆ add remove prep - id

Site support

- we began AAA testing with SL6 but need to stop doing so...

Sara's notes

Agent Issues

- Agents have been well behaved... that's what happens when you aren't running much

Redeployment plan

- `cmsrv112` - in drain for redeployment as disk filled

Workflows

- Processing string - Where do we stand with this. We had 2 tasks assigned last week where do we stand?
 - ◆ We need to talk to MCM about how they want the policy set: Dave will reply to the e-mail that they are postponing it and asking for clarification as to how we will know that we are using it.
 - ◇ Dave is working with them, we need to just handle the responsibility of request to request manager2
 - ◆ Julian will make a list of WF's that have processing string in the schema that are already in the system.
 - ◇ Julian already did: see list here [↗](#)
- slow... just wrapping up old work and new stuff dribbling in behaving itself

miniaod's

- Workflow with duplicates was resubmitted by PPD - new miniaod ran, no duplicates, old workflows rejected and outputs were deleted
- New Miniaod at 300% pdmvserv_SUS-Spring14miniaod-00012_00049_v2__140916_141253_9688 300%

<https://cmslogbook.cern.ch/elog/Workflow+processing/17065> [↗](#)

Rereco

- nothing... literally

Store Results

- had to run our first Store Results ACDC, it worked fine
<https://cmslogbook.cern.ch/elog/Workflow+processing/17070> [↗](#)
- running smoothly

SL6 testing/backfill

- We have begun ramping up the load testing on the 3 SL6 agents, only one suspicious crash in both cmssrv217 and 218 see elog here [↗](#)
 - ◆ had issues with couch replication
 - ◆ problems overnight that were solved. New one appeared after it and Alan will talk to Seangchan after the meeting about it.
- Fri-Weekend - submitted Backfill ran at nice steady state, no crashes but thresholds were improperly set (**Use the new resubmit.py**)
- Mon-Tues realized that the thresholds were set incorrectly when we couldn't get the 2nd Backfill to go, once the thresholds were reset things ramped up nicely and held steady state
 - ◆ We are running T1's at threshold using these 3 agents
- Wed - Started another redigi backfill, with higher priority than the others, it is currently taking over slots as we want it to!
- Wed- Julian started MC backfill, and ramping up more jobs
 - ◆ cmssrv217.fnal.gov cmssrv217. 11618 27143 0

- ◆ cmsrv218.fnal.gov cmsrv218. 13986 20560 1
- ◆ cmsrv219.fnal.gov cmsrv219. 10986 23072 0
- We think we are ready to start running low priority real work on these machines, Anybody want to throw some work at us?
- Tests to run
 - ◆ replication didn't work in the first tries, and then it worked. Seangchan can't think of any specific tests
 - ◆ need to ask Alan or Justice if they have any specific tests they think we should run - Julian will work with Alan to come up with a list of things we need to run
- need to come up with a good variety of WF's to put through, multi step, miniaod's, mixing.... what else?
 - ◆ get something big for each site
 - ◆ get some hard workflows multistep gensim+raw + gen_sim_Reco
 - ◆ the Frankenflow should run through - made aodsim and miniaodsim
 - ◆ miniaod's that run on reco
 - ◆ some of the CSA14 produced gen sim raw and gen sim reco they actually had the reco format rather than AOD then did miniaod from reco

Andrew

- can we put these into cmsweb-dev
 - ◆ http://cms-project-relval.web.cern.ch/cms-project-relval/batch_inserter.html
 - ◆ <http://cms-project-relval.web.cern.ch/cms-project-relval/batches.html>
- we should remove the "release validation" elog and replace it with a "WM debugging" elog I think

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