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Workflow Team Meeting - March 17 4PM CERN, 10 FNAL time

Vidyo Link

- <https://indico.cern.ch/event/493678/>

Attending

- FNAL: Jen, Gaston, Scarlet, Jesus, SeangChan
- US: Allie, Matteo
- CERN : Paola, Dima, Alan

Personnel

- Jorge March 24-25
- Jorge to Columbia April 15-May 2, Talk on April 27
- Welcome to Scarlet and Jesus - Workflow Team Operators
 - ◆ Introduce yourselves
- Good Friday and Easter Monday of at CERN
- SeangChan taking 1/2 day next Thurs and Fri off next week

News - Dima

- So far it looks like the schedule is on! Big Campaign April 1
 - ◆ cleanup what we have, finish tests, need to finalize T0 configuration, Alan and John are working on this, challenge is getting the agent
 - ◆ JR's "accidental test" of the T0 by using it in overflow worked
 - ◆ Testing will likely happen next Tuesday
- premixing is done, and running tests to see what it does but it is out of question to run for April 1 round
- multicore - what sites can we use
 - ◆ we don't yet have the list of sites for multicore yet. Then we need to have test
 - ◆ Jen and Matteo will have to figure this out next week

3 top issues affecting production

- very quiet

Site support - Gaston

News & Issues

Date	Site	Into the Waiting Room	Out of the Waiting Room	Into the morgue	Out of the morgue
2016-03-13 00:00:01	T2_RU_INR	x			
2016-03-16 00:00:01	T2_FI_HIP	x			

2016-03-17 00:00:01	T2_AT_Vienna	x			
2016-03-22 00:00:01	T2_IT_Bari	x			

Multicore Enabled Sites:

Site	MaxCpu	MaxMem
T2_UK_SGrid_RALPP	8	24576
T3_US_Omaha	8	16000
T2_CH_CERN_AI	8	16000
T2_CH_CERN_AI	8	16000
T2_UK_London_Brunel	8	20240
FNAL_HEPCLOUD	8	20000
T1_RU_JINR	10	25300
T2_US_Vanderbilt	8	56000
T2_FR_IPHC	8	20240
T1_US_FNAL	8	20000
T2_US_Florida	8	32768
T1_DE_KIT	8	20240
T2_DE_RWTH	8	20240
T2_DE_DESY	8	20000
T1_UK_RAL	8	24576
T0_CH_CERN	8	16000
T2_UK_London_IC	8	20240
T2_US_Nebraska	8	20000
T2_US_Nebraska	4	8000
T2_US_Nebraska	8	20000
T2_US_Nebraska	8	16000
T2_US_Nebraska	32	250000
T2_ES_CIEMAT	8	20240
T1_IT_CNAF	8	20240
T2_US_Purdue	8	24000
T2_PT_NCG_Lisbon	8	20240
T1_ES_PIC	8	20240
T3_US_SDSC	16	49152
T2_IT_Pisa	8	20240
T1_FR_CCIN2P3	8	24576
T3_US_NERSC	8	20000
T2_FR_CCIN2P3	8	24576
T2_CH_CERN_HLT	8	20000
T2_CH_CERN_HLT	8	28000
T2_US_MIT	8	20240
T2_BE_IHHE	8	20240

Transfers - Jorge

Workflows

MiniAOD

-
- NA

Rereco

- fabozzi_Commissioning2015-Cosmics-Boff-01Mar2016_763p2_160302_100618_8061
 - ◆ file mismatch in PhEDEx and das due to file invalidation, I think the correct course of action is to Kill and clone now that we know what happend, but it is a big workflow so wanted to discuss first, could recovery work here?
 - ◇ <https://cms-logbook.cern.ch/elog/Workflow+processing/23551>
 - ◇ https://ggus.eu/index.php?mode=ticket_info&ticket_id=120390
 - ◇ https://ggus.eu/index.php?mode=ticket_info&ticket_id=118513
- vote is to kill and clone

Store Results

- https://ggus.eu/index.php?mode=ticket_info&ticket_id=119273

Agent Issues

- After next Tues, when we redeploy FNAL machines we should reboot
- Jen needs to poke Dave about redeploying agents

Agent redeployment

Migration

Summary of the scripts to take into account:

Scripts that modify workflows or datasets in the system

1. Abort, clone, reject, assign, announce, close out, force complete, set status, change priority (they use reqMgrClient.py):
 - abortWorkflows (uses also dbs3Client.py)
 - abortAndClone (uses also dbs3Client.py and resubmit.py)
 - assignProdTaskChain.py
 - assignWorkflow.py
 - rejectAndClone.py (uses also dbs3Client.py and resubmit.py)
 - rejectWorkflows.py (uses also dbs3Client.py)
 - resubmit.py
 - announceWorkflows.p
 - closeOutWorkflows.py (uses also dbs3Client.py and phedexClient.py)
 - closeOutWorkflowsFiltered.py (uses all closeOutWorkflows*)
 - closeOutWorkflowsManual.py (uses all closeOutWorkflows*)
 - closeOutWorkflowsWeb.py (uses all closeOutWorkflows*)
 - forceCompleteWorkflows.py
 - setCascadeStatus.py

changePriorityWorkflow.py

2. Another operations:

makeACDC.py

makeAllACDC.py (uses makeACDC.py)

changeSplittingWorkflow.py

DBS3SetDatasetStatus.py (uses dbs3Client.py)

extendWorkflow.py (uses dbs3Client.py)

resubmitUnprocessedBlocks.py (uses changeSplittingWorkflow.py and assignWorkflow.py)

createSitesBackfill.py [Used for testing]

deleteInvalidOutput.py (uses also dbs3Client.py and phedexClient.py)

setDatasetStatusDBS3.py

Scripts query * from the system:

duplicateEvents.py (uses also dbs3Client.py)

stuckRequestDiagnosis.py

WorkflowPercentage.py

getDatasetStatus.py (uses also dbs3Client.py)

getInputLocation.py (uses also dbs3Client.py and phedexClient.py)

condor_global_overview.py

condor_overview.py

findWorkflows.py

Clients:

dbs3Client

reqMgrClient

phedexClient

Andrew

L3 discussion - Ajit, Jean-Roch, Matteo

Opportunistic Resources

Automatic Assignment And Unified Software

AOB

-- JenniferAdelmanMcCarthy - 2016-03-24

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