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Workflow Team Meeting - Jun 12

Vidyo Link [↗](#)

Attending

- Jen -phone
- Luis and SeangChan Dave - FNAL
- Jasper
- Vincenzo, Ajit
- Julian
- Andrew

Personel

June 5 --> June 12	Sara
June 12 --> June 19	Jasper

- Please fill vacations plans for July/August for CSA14 campaign:
<https://twiki.cern.ch/twiki/bin/viewauth/CMS/CompOpsPlanningVacationSummer2014>

(Or tell Oli | CW | CP)

- Jen will be taking off June 1/2 Day 12 & all day 13, July 28 - Aug 8 - may have limited access eveningings
- Julian Badillo July 24 - July 25
- Dave Mid July
- SeangChan will be taking week off end of June
- Note : Krista will be going on Maternity leave sometime in July

News

- Reminder to all Operators that we need to keep on top of "stuck" workflows. Please check daily for WF's that are are have no jobs running but are sitting in running-closed as well as Vincenzo's list
- What happened to our daily e-mails? Are we keeping on top of restarting components and checking that all agents are full?
- HIG-Fall13wmLHE -
- CSA 14 is the high priority, HIG-Fall13wmLHE and Digi Reco's Any Fall13 GEN-SIMS, Spring 14 - we need to push on these hard and watch
 - ◆ there are 5 requests with the wmLHE WF's the remaining requests are the ones we need to take care of
 - ◇ they can't be extended they are at 88% they have no queued jobs and no jobs in condor, the problem is that they are on the standard MC agents they have no condor jobs so they haven't been submitted. Julian can't find jobs to submit inside the agent. They are jobs that can only run at KIT, they are merge jobs, when you look at the agent there are 50 pending jobs from other WF's pending so we need to wait. Can SeangChan take a look? They've been stuck at 85-88%. We have the max jobs running on higher priority agents.
 - ◇ we need to go to the requestors to see if they are happy with the stats we already have. Can we increase the priority of the agent? Unsure of what the side effects would be

- ◆ are there new Fall13 that started yesterday?
- The list of WF's that can be Force Completed at 90% 15163
- <http://cmst2.web.cern.ch/cmst2/mc/requests.html>

Sara's notes

- Open ticket IFCA: https://ggus.eu/?mode=ticket_info&ticket_id=106106, can probably be closed, no more failures after lunch
- Open ticket CERN: https://ggus.eu/?mode=ticket_info&ticket_id=106071, took very long to get answer, probably obsolete now too, the big red blocks are wrong. There was apparently a file not existing.

Site support

- New SR reports
 - ◆ <http://cms-site-readiness.web.cern.ch/cms-site-readiness/SiteReadiness/HTML/SiteReadinessReport.htm>

- Drain List metric in SSB

```
Automate data entry: respect manual changes and update automatically as well
* prod status metric 158: automatic filling procedure for drain (follow the order)
  + add previous drain list (read the metric 158 itself)
  - remove sites with SR ranking last week > 80%
  https://dashb-ssb.cern.ch/dashboard/request.py/sitereadinessrank?columnid=
  (this condition only for sites in "drain". If site was "down", don't do anything)
  + add sites in WR=in (metric 153)

* prod status metric 158: automatic filling procedure for down
  + add previous down list (read the metric 158 itself)
  + add sites in Morgue
```

Output file:
a txt file called "drain.txt" with the usual format for SSB
link= web address of the txt file
output location: the usual SST web folder

Agent Issues

- 201 redeployed, here is the redeployment log:
<https://twiki.cern.ch/twiki/bin/view/CMSPublic/Vocms201Redeployment>
- 202 draining for upgrade - almost ready to be redeployed.
- next in line: vocms216 (/data1 at 51%)

Workflows

- we've had a lot of bottlenecks in getting WF's running this week.
- Finally have the ReDigi backlog under control
 - ◆ we have a number of WF's where ACDC or the WF was 100% successful, but we are not at 100%. Julian, you said you were going to look at the recovery script, did you have time? Can we wait on these or should I just clone and re-run?

- ◇ pdmvserv_EXO-Fall13dr-00319_T1_DE_KIT_MSS_00204_v0_tsg_140430_070111_503315063 [↗](#)
- ◇ pdmvserv_EXO-Fall13dr-00304_T1_DE_KIT_MSS_00206_v0_tsg_140429_200703_310515061 [↗](#)
- ◇ pdmvserv_EXO-Summer12DR53X-02980_T1_UK_RAL_MSS_00209_v0__140427_13034614898 [↗](#)
- ◇ pdmvserv_EXO-Summer12DR53X-02976_T1_UK_RAL_MSS_00209_v0__140427_11265814898 [↗](#)
- ◇ pdmvserv_EXO-Summer12DR53X-02974_T1_UK_RAL_MSS_00209_v0__140427_11260814898 [↗](#)
- ◇ pdmvserv_EXO-Summer12DR53X-02965_T1_UK_RAL_MSS_00207_v0__140423_19031414898 [↗](#)
- ◇ pdmvserv_TSG-Spring14dr-00045_T1_IT_CNAF_MSS_00013_v0__140412_002912_345514299 [↗](#)
- ◇ pdmvserv_B2G-Spring14dr-00008_T1_IT_CNAF_MSS_00007_v0__140412_002635_423314641 [↗](#)
- ◇ pdmvserv_TSG-Spring14dr-00011_T1_US_FNAL_MSS_00006_v0__140411_185116_952014898 [↗](#)
- ◇ pdmvserv_TOP-Summer12DR53X-00231_T1_US_FNAL_MSS_00191_v0__140331_14011614789 [↗](#)
- pdmvserv_HIG-Fall11R2-015 at PIC - 100% failure! 15110 [↗](#)
- pdmvserv_EXO-Spring14premixdr-00002_T1_US_FNAL_MSS_00001_v0_premixinPilotGF_140527_17151100% failure 14894 [↗](#)
- ALCARECO = we need to adjust the closeout script test for ALCARECO. Julian do you have time?

Store Results

- Was there any work this week? How did it go?
 - ◆ I have assigned a few of this workflows. - we need a shared and a few procedure agreements in order to avoid repeating work.
 - ◆ Diego will push to testbed the code for moving this to central wf operation.
- we had low running numbers all week. Do we understand what happened? How do we get things to improve? Is it documented on the twiki's so we can get things moving faster next time?
- Some workflows waiting for merges at KIT.
- Wfs under watch:
 - ◆ SUS-Fall13wmLHE: force-completed, will be extended <https://cmslogbook.cern.ch/elog/Workflow+processing/15158> [↗](#)
 - ◆ SMP-Fall13: running really slow, <https://cmslogbook.cern.ch/elog/Workflow+processing/14916> [↗](#) can we check if they have jobs queued?
 - ◆ EXO-Summer12: several workflows with merge/production failure (massive acdc's and clones)
 - ◆ pdmvserv_SMP-Summer12-00013_00105_v0__140328_041711_9773 and pdmvserv_BPH-Summer12-00166_00114_v0__140410_161619_101
 - ◇ really old, but cannot be extended (for now) and too huge to kill and clone.

Andrew

- segmentation fault in xrootd code caused hundreds of relval jobs to fail: https://ggus.eu/index.php?mode=ticket_info&ticket_id=106113 [↗](#)

AOB

- there is an issue about getting merge/logCollect to work faster
- <https://github.com/dmwm/WMCore/issues/5172>

-- JenniferAdelmanMcCarthy - 11 Jun 2014

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