Subject: Cloud summary - 3/25/20
From: Mark Sosebee <sosebee@uta.edu>
Date: 4/1/20, 10:53 AM
To: Mark Sosebee <sosebee@uta.edu>

US cloud notes from the past week:

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ADCoS/CRC reports from the ADC Weekly and ADCoS meetings:
https://indico.cern.ch/event/897490/contributions/3785193/attachments/2008301/3354759/CRCreport20200324.pdf (CRC report)
https://indico.cern.ch/event/902351/contributions/3798345/attachments/2008585/3355293/200324_ADCoS.pdf (Armen - ADCoS Weekly)

General news / issues during the past week:

3/19: New pilot release (v2.5.2) - see:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.5.2-3_19_20.pdf

3/23: ADC Technical Coordination Board:
https://indico.cern.ch/e/899149

3/23: New pilot release (v2.5.3) - see:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.5.3-3_23_20.pdf

3/24: ADC Weekly meeting:
https://indico.cern.ch/e/897490

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
https://indico.cern.ch/event/897490/contributions/3785195/attachments/2008514/3355153/ADC_weekly.pdf
https://indico.cern.ch/event/897490/contributions/3785194/attachments/2008453/3355037/ADC_24032020.pdf
https://indico.cern.ch/event/897490/contributions/3785197/attachments/2008508/3355132/ADC-weekly-24_03_20.pdf

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Site-specific issues:

1) 3/22: AGLT2 - destination file transfer errors ("Communication error on send..."). Fixed a problem with the dCache database. Errors stopped, so https://ggus.eu/?mode=ticket_info&ticket_id=146141 was closed on 3/24. eLog 71633.

2) 3/22: AGLT2 - job failures with stage-out errors. https://ggus.eu/?mode=ticket_info&

ticket_id=146144 in progress. (Is this related to item #1 above?)

3) 3/25: NET2 - file transfer failures with the error "the operation was aborted."
https://ggus.eu/?mode=ticket_info&ticket_id=146276 was closed later the same day
after the problem at the site was quickly fixed. eLog 71640.

Follow-ups from earlier reports:

(i) 3/5: NET2 - file transfer failures with checksum errors. https://ggus.eu
/?mode=ticket_info&ticket_id=145949 in progress.
Update 3/19: Resolved a GPFS timeout issues (not really a checksum problem) - ggus
145949 was closed.

(ii) 3/13: MWT2 - job failures with the error "failed to transfer files using copytools=
[u'rucio']."
https://ggus.eu/?mode=ticket_info&ticket_id=146040 in progress.
Update 3/19: Added additional xrootd doors in dCache to alleviate load issues. ggus
146040 was closed.

(iii) 3/13: BNL - BNLHPC_DATADISK and BNLHPC_SCRATCHDISK - permission denied file
transfer errors.
https://ggus.eu/?mode=ticket_info&ticket_id=146045 in progress.

(iv) 3/15: NET2 - job failures with stage-in timeouts. https://ggus.eu/?mode=ticket_info&
ticket_id=146059 in progress.
Update 3/19: Fixed some GPFS issues causing a global slowdown and stage-in timeouts
for production jobs. ggus 146059 was closed.

(v) 3/17: MWT2 - report of excessive queries to the CVMFS backup proxies at Fermilab.
https://ggus.eu/?mode=ticket_info&ticket_id=146085 in progress.
Update 3/20: Made some changes to the networking configuration in the kubernetes
cluster for squids access. ggus 146085 was closed.

(vi) 3/18: SWT2_CPB - file deletion errors ("Connection refused 500-A system call
failed").
https://ggus.eu/?mode=ticket_info&ticket_id=146102 in progress. eLog 71582.
Update 3/19: Rebooted a storage server that was offline due to a networking problem.
Issue resolved - ggus 146102 was closed. eLog 71598.