

Subject: Cloud summary - 8/21/19
From: Mark Sosebee <sosebee@uta.edu>
Date: 8/21/19, 11:08 AM
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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/841233/contributions/3529512/attachments/1895139/3126384/20190820-atlas-crc-report.pdf> (CRC report)

General news / issues during the past week:

8/19: ADC Technical Coordination Board:
No meeting this week.

8/19: New Pilot 2 version released (v2.1.21) - see:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.1.21-8_19_19.pdf

8/20: ADC Weekly meeting:
<https://indico.cern.ch/e/841233>

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
https://indico.cern.ch/event/841233/contributions/3529510/attachments/1895183/3126460/mccoord_200819.pdf
<https://indico.cern.ch/event/841233/contributions/3529511/attachments/1895177/3126452/ADCWeekly20thAugust2019.pdf>
https://indico.cern.ch/event/841233/contributions/3529509/attachments/1895161/3126425/DatRepStatus_ADC_20190820.pdf

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Site-specific issues:

- 1) 8/14: BNL - Despite aggressive central deletions the storage occupancy is increasing. https://ggus.eu/?mode=ticket_info&ticket_id=142713.
- 2) 8/16: BU_ATLAS_Tier2 - job failures ("Failed to stage-in file"). Issue was related to a needed change in AGIS to address a problem with direct I/O. Updating AGIS solved the problem. https://ggus.eu/?mode=ticket_info&ticket_id=142732 was closed on 8/20. eLog 70016.
- 3) 8/21: NET2 - squid service shown as down in the monitoring. https://ggus.eu/?mode=ticket_info&ticket_id=142791.

See https://ggus.eu/index.php?mode=ticket_info&ticket_id=141002 - new squid setup, but currently monitoring system cannot access it. eLog 70018.

Follow-ups from earlier reports:

(i) 4/1: SLACXRD - discrepancy between space reporting compared to Rucio values. https://ggus.eu/?mode=ticket_info&ticket_id=140525.

Update 8/21: Amount of dark data back to normal level, so ggus 140525 was closed.

(ii) 4/24: BNL & NET2 - file transfer errors with a checksum problem. https://ggus.eu/?mode=ticket_info&ticket_id=140849. eLog 69149.

(iii) 5/3: NET2 - Frontier and CVMFS access errors. https://ggus.eu/?mode=ticket_info&ticket_id=141002.

(iv) 7/12: BNL - one of the CE's configured with 'CONDORCE_MAX_JOBS=1'. Part of a rolling upgrade of CE's.

https://ggus.eu/?mode=ticket_info&ticket_id=142226 on hold.

Update 8/7: All CE upgrades completed, so ggus 142226 was closed.

(v) 7/22: AGLT2 - some file transfers fail with timeout errors. https://ggus.eu/?mode=ticket_info&ticket_id=142370, eLog 69791.

(vi) 7/26: WT2 - report of excessive amount of access to the CVMFS stratum 1 at BNL. Site requested to update squid settings in AGIS. https://ggus.eu/?mode=ticket_info&ticket_id=142443.

(vii) 7/29: NET2 - queue NET2_UCORE-atlas-ce has a higher than average rate of job failures.

https://ggus.eu/?mode=ticket_info&ticket_id=142477.

Update 8/21: Pilots now succeeding at the expected rate. ggus 142477 was closed,

(viii) 7/30: AGLT2 - increased rate of user analysis jobs (killed by the batch system?). https://ggus.eu/?mode=ticket_info&ticket_id=142489.

Update 8/8: Site fixed a problem with a script used to delete stale data in /tmp/... Errors stopped, ggus 142489 was closed.

(ix) 8/8: MWT2 - some jobs in the analysis queue fail with "Error in <TNetXNGFile::Open>: [FATAL] Auth failed."

https://ggus.eu/?mode=ticket_info&ticket_id=142653.

Update 8/16: Fixed a filesystem issue that was affecting the CondorCE. ggus 142653 was closed.

(x) 8/10: MWT2_UCORE - job failures with "SYSTEM_PERIODIC_REMOVE" errors.

<https://its.cern.ch/jira/browse/ADCSUPPORT-5191>, eLog 69945.

(xi) 8/13: AGLT2 - HC job failures in the analysis queue - production queue seems

unaffected.

https://ggus.eu/index.php?mode=ticket_info&ticket_id=142695

(xii) 8/14: BNL - file Staging errors with "Connection timed out errors." https://ggus.eu/?mode=ticket_info&ticket_id=142708, eLog 69968.

Update 8/17: Likely related to the ongoing reprocessing campaign, which creates a heavy load on file staging. Some dCache hosts were impacted. Back to normal, so ggus 142708 was closed. eLog 69996.