

Subject: Cloud summary - 1/20/21
From: Mark Sosebee <sosebee@uta.edu>
Date: 1/20/21, 11:46 AM
To: Mark Sosebee <sosebee@uta.edu>

US cloud notes from the past week:

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Reports from the ADC Weekly and ADCoS meetings:

<https://indico.cern.ch/event/994401/contributions/4181110/attachments/2174046/3670888/CRCreport20210119.pdf> (CRC report)
<https://indico.cern.ch/event/994401/contributions/4188839/attachments/2174127/3670902/ADC%20News%2C%2019.1.21.pdf> (ADC news/updates)
https://indico.cern.ch/event/998004/contributions/4192596/attachments/2174251/3671105/210119_ADCoS.pdf (Armen - ADCoS Weekly)

General news / issues during the past week:

1/18: ADC Technical Coordination Board:
<https://indico.cern.ch/event/996593/>

1/19: ADC Weekly meeting:
<https://indico.cern.ch/e/994401>

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
https://indico.cern.ch/event/994401/contributions/4181107/attachments/2174011/3670693/ADCweekly_210119.pdf
https://indico.cern.ch/event/994401/contributions/4181108/attachments/2174070/3670889/DAODProd_20210119.pdf
<https://indico.cern.ch/event/994401/contributions/4181105/attachments/2174042/3670744/Reprocessing-ADC-21-01-19.pdf>

'AOB' summary:

Third-Party-Copy test/migration: <https://its.cern.ch/jira/browse/ADCINFR-166>

AGIS to CRIC migration: <https://its.cern.ch/jira/browse/CRIC-98>

Software & Computing week 25-29 Jan - no ADC weekly next week

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Site-specific issues:

1) 1/18: BNL - file transfer failures between the ALCF Theta HPC Globus endpoint and the dcdoor01 Globus endpoint at BNL.

https://ggus.eu/?mode=ticket_info&ticket_id=150251 in progress.

2) 1/19: SWT2_CPB - source file transfer errors ("SOURCE [110] Operation timed out"). A rack-level network switch went down, taking two storage servers off-line. Switch was rebooted later the same day. https://ggus.eu/?mode=ticket_info&ticket_id=150251 will be closed after confirming there are no additional errors. <https://atlas-adc-elisa.cern.ch/elisa/display/1742?logbook=ADC>.

Follow-ups from earlier reports:

(i) 11/27: SWT2_CPB - file transfer/deletion errors ("500-A system call failed: No such file or directory"). After some new storage systems were brought online it was necessary to restart processes on the gridftp hosts. Issue resolved, https://ggus.eu/?mode=ticket_info&ticket_id=149701 was closed on 12/9.

Update 12/9: Apparently some lingering issue(s). DDM ops reported errors trying, for example, to create a path in the filesystem. ggus 149701 was re-opened.

Update 1/14: All issues resolved - errors stopped. ggus 149701 was closed.

(ii) 12/17: MWT2 - file transfer errors ("SSL handshake failed: Connection timed out during SSL handshake after 1 attempt"). Related to an issue with http-tpc/webdav transfers. Site was set back to use gsiftp protocol while the problem is being debugged. https://ggus.eu/?mode=ticket_info&ticket_id=149958 (on hold), <https://atlas-adc-elisa.cern.ch/elisa/display/1526?logbook=ADC>.

(iii) 1/13: BNL - dCache storage currently supports only HTTP-TPC in pull mode - HTTP-TPC in push mode requested.

https://ggus.eu/?mode=ticket_info&ticket_id=150208 in progress.

Update 1/15: BNL actually already supported HTTP-TPC in push mode, but needed to adjust a configuration setting in the storage. ggus 150208 was closed.