

Subject: Cloud summary - 10/2/19
From: Mark Sosebee <sosebee@uta.edu>
Date: 10/16/19, 11:55 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:
No meetings this week (S&C Week at CERN).

General news / issues during the past week:

9/30: ADC Technical Coordination Board:
No meeting this week (S&C Week at CERN).

10/1: ADC Weekly meeting:
No meeting this week (S&C Week at CERN).

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
No meeting this week (S&C Week at CERN).

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Site-specific issues:

1) 9/27: SWT2_CPB - file deletion errors ("Transport endpoint is not connected"). Same recurring, intermittent issue seen with a filesystem mount on the gridftp servers. Fixed, errors stopped, https://ggus.eu/?mode=ticket_info&ticket_id=143413 was closed on 9/30. eLog 70323.

Follow-ups from earlier reports:

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

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

(iii) 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.

- (iv) 8/10: MWT2_UCORE - job failures with "SYSTEM_PERIODIC_REMOVE" errors. <https://its.cern.ch/jira/browse/ADCSUPPORT-5191>, eLog 69945.
- (v) 8/14: BNL - Despite aggressive central deletions the storage occupancy is increasing. https://ggus.eu/?mode=ticket_info&ticket_id=142713.
- (vi) 8/29: NET2 - job failures with the error "Unable to set the uid of the server process." https://ggus.eu/?mode=ticket_info&ticket_id=142901 in progress, eLog 70081.
- (vii) 9/9: BNL-ATLAS - high number of squid hits on the Fermilab backup proxy. https://ggus.eu/?mode=ticket_info&ticket_id=143055 in progress.
- (viii) 9/16: BNL - file transfers to UK cloud sites failing. https://ggus.eu/?mode=ticket_info&ticket_id=143220 in progress, eLog 70200. (Note: this issue affecting other clouds, for example DE, so likely a common networking / FTS problem.) Update 9/27: All issues understood and resolved (lots of details in the ticket). ggus 143220 was closed.
- (ix) 9/19: OU_OSCER_ATLAS - source file transfer failures ("No such file or directory"). Some files appear to be missing from the storage, and may need to be declared lost. https://ggus.eu/?mode=ticket_info&ticket_id=143307 in progress. eLog 70225. Update 10/1: lost files were declared to rucio, so ggus 143307 was closed. eLog 70356.
- (x) 9/23: NET2 - squid failovers from atlas-cm3.bu.edu to CERN backup proxy. https://ggus.eu/index.php?mode=ticket_info&ticket_id=143341,
- (xi) 9/24: UTA_SWT2 - file deletion errors ("Transport endpoint is not connected"). Same issue as reported in ggus 143331 (problem with a filesystem mount). Issue resolved, https://ggus.eu/?mode=ticket_info&ticket_id=143360 will be closed after verifying no additional errors. eLog 70275. Trying to understand this intermittent issue with the mount. Update 9/27: A second issue on one of the gridftp servers was fixed (a service had failed to restart properly). Looks like all issues now resolved - ggus 143360 was closed on 9/29. eLog 70334.