Subject: Cloud summary - 6/5/19
From: Mark Sosebee <sosebee@uta.edu>
Date: 6/5/19, 11:37 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://docs.google.com/presentation/d/1IHPELaNZWC48bGL8-mX59hMBMwjygtZIxqwLV7Ej8T0/edit#slide=id.g51a5aab6e2_0_0 (DPA summary)

General news / issues during the past week:

5/31: New Pilot 2 release (v2.1.10) - details here:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.1.10-5_31_19.pdf

6/3: ADC Technical Coordination Board
https://indico.cern.ch/e/824583

6/4: ADC Weekly meeting:
https://indico.cern.ch/e/824565

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
https://indico.cern.ch/event/824565/contributions/3448853/attachments/1856012/3048488/mccoord_040619.pdf
https://indico.cern.ch/event/824565/contributions/3448852/attachments/1855810/3048090/ADCWeekly4thJune2019.pdf
https://indico.cern.ch/event/824565/contributions/3448854/attachments/1856010/3048486/DatRepStatus_ADC_20190604.pdf

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Site-specific issues:

1) 6/1: BNL - DNS issue - problem fixed. https://atlas-logbook.cern.ch/elog/ATLAS+Computer+Operations+Logbook/69435.

2) 6/3: MWT2 (Illinois) - job failures with errors like "ImportError: libptf77blas.so.3: cannot open shared object file: No such file or directory."
https://ggus.eu/?mode=ticket_info&ticket_id=141558.

Follow-ups from earlier reports:

(i) 2/11: ANALY_BU_ATLAS_Tier2_SL6-sge - test jobs using rucio mover generate the error "dlsym: /usr/lib64/libglobus_thread_pthread.so: undefined symbol: globus_extension_module." https://ggus.eu/?mode=ticket_info&ticket_id=139626.

(ii) 3/20: UTA_SWT2 - job failures with "lost heartbeat" errors (unable to update the PanDA server despite completing successfully, with messages like "Response = curl: (35) SSL connect error"). https://ggus.eu/index.php?mode=ticket_info&ticket_id=140288 in progress.

(iii) 3/26: MWT2: small number of files failing source transfers with checksum errors. https://ggus.eu/?mode=ticket_info&ticket_id=140418, eLog 68935.

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

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

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

(vii) 5/8: BNL - missing file. https://ggus.eu/?mode=ticket_info&ticket_id=141051 in progress while site investigates.

(iix) 5/16: BU_ATLAS_Tier2 - file transfer failures ("the server responded with an error 530 530-Login incorrect"). https://ggus.eu/?mode=ticket_info&ticket_id=141185, eLog 69312.

(ix) 5/28: SWT2_CPB - file deletion errors. https://ggus.eu/?mode=ticket_info&ticket_id=141444, eLog 69398.
Update 5/31: a failed drive in one of the RAID arrays was not automatically removed correctly, causing these errors. Swapping the drive fixed the problem. ggus 141444 was closed. However, the deletion errors returned, and the ticket was re-opened. This time a bad xrootdfs mount was the issue. eLog 69437.