

Subject: Cloud summary - 10/23/19
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Date: 10/29/19, 3:51 PM
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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/857453/contributions/3609195/attachments/1930825/3197914/2019.10.22_DDM_Weekly_Report.pdf (DDM Ops)
https://indico.cern.ch/event/857453/contributions/3609195/attachments/1930825/3198108/Operational_Highlights.pdf (DPA report)
https://indico.cern.ch/event/858291/contributions/3613993/attachments/1930984/3198335/191022_ADCoS.pdf (Armen - ADCoS Weekly)

General news / issues during the past week:

10/21: New Pilot2 release (v2.2.1) - see:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.2.1-10_21_19.pdf

10/21: ADC Technical Coordination Board:
<https://indico.cern.ch/e/855969>

10/22: New Pilot2 release (v2.2.2) - see:
http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.2.2-10_22_19.pdf

10/22: ADC Weekly meeting:
<https://indico.cern.ch/e/857453>

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:
https://indico.cern.ch/event/857453/contributions/3609193/attachments/1930874/3198100/ADC_weekly.pdf
https://indico.cern.ch/event/857453/contributions/3609194/attachments/1930793/3197874/ADC_22102019.pdf
<https://indico.cern.ch/event/857453/contributions/3609192/attachments/1930759/3197789/ADC-Prell-20191022.pdf>

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Site-specific issues:

1) 10/16: BNL - source file transfer errors ("globus_ftp_client: the server responded with an error 431 Internal error"). A gridftp host had a problem with an updated host certificate. Fixed the problem and restarted the host - issue resolved.

https://ggus.eu/?mode=ticket_info&ticket_id=143666 was closed on 10/17. eLog 70467.

2) 10/17: SWT2_CPB - file deletion errors. https://ggus.eu/index.php?mode=ticket_info&ticket_id=143674 in progress, eLog 70466.

3) 10/21: MWT2 - file transfer errors ("Failed to connect IP|HOST:PORT: Connection timed out").

https://ggus.eu/?mode=ticket_info&ticket_id=143707 in progress, eLog 70497.

4) 10/21: Excessive number of hits to a CERN backup proxy squid service from OU_OCHEP_SWT2. Source of the requests are from a local user rather than grid jobs. Issue being investigated. https://ggus.eu/?mode=ticket_info&ticket_id=143714.

5) 10/21: (reported by DPA) MWT2 job failures ("Job was aborted by the user. removed by SYSTEM_PERIODIC_REMOVE due to job remote status outdated time exceeded (3600*4)"). Issue being investigated. https://ggus.eu/?mode=ticket_info&ticket_id=143719.

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.

Update 10/23: The issue was due to the storage being temporarily overloaded. ggus 142713 was closed / solved.

(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) 9/23: NET2 - squid failovers from atlas-cm3.bu.edu to CERN backup proxy. https://ggus.eu/index.php?mode=ticket_info&ticket_id=143341.

(ix) 10/4: AGLT2 - destination file transfer errors ("A system call failed: Connection timed"). https://ggus.eu/?mode=ticket_info&ticket_id=143505 in progress. (Possibly need to increase the transfer timeout limit?) eLog 70375.

(x) 10/5: NET2 - source file transfer errors with certificate / credentials errors ("SSL3_GET_SERVER_CERTIFICATE: certificate verify failed"). https://ggus.eu/?mode=ticket_info&ticket_id=143514, eLog 70379.

(xi) 10/9: AGLT2 - job failures with stage-in errors ("Failed to stage-in file details: failed to transfer files using copytools"). https://ggus.eu/?mode=ticket_info&ticket_id=143575 in progress, eLog 70399.