

Subject: Cloud summary - 9/25/19
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Date: 10/16/19, 11:27 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/849153/contributions/3568312/attachments/1914127/3163918/CRC_Report_17-24_September_2019.pdf (CRC report)
https://indico.cern.ch/event/850859/contributions/3576868/attachments/1914279/3164258/190924_ADCoS.pdf (Armen ADCoS Weekly)

General news / issues during the past week:

9/23: ADC Technical Coordination Board:

<https://indico.cern.ch/e/850140>

9/24: ADC Weekly meeting:

<https://indico.cern.ch/e/849153>

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:

https://indico.cern.ch/event/849153/contributions/3568314/attachments/1913812/3163281/ADC_weekly.pdf
https://indico.cern.ch/event/849153/contributions/3568313/attachments/1914186/3164034/ADC_24092019.pdf
https://indico.cern.ch/event/849153/contributions/3568315/attachments/1914184/3164030/DatRepStatus_ADC_20190924.pdf

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Site-specific issues:

1) 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.

2) 9/22: SWT2_CPB - file deletion errors ("Transport endpoint is not connected"). Fixed a problem with a filesystem mount on one of the gridfp servers. Errors stopped, https://ggus.eu/?mode=ticket_info&ticket_id=143331 was closed on 9/24. eLog 70284.

3) 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.

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

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

Update 9/24: site admin fixed a problem with a script used to delete lost / unneeded files. ggus 142695 was closed.

(vi) 8/14: BNL - Despite aggressive central deletions the storage occupancy is increasing.

https://ggus.eu/?mode=ticket_info&ticket_id=142713.

(vii) 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.

(viii) 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.

(ix) 9/13: SWT2_CPB - low file transfer efficiency for source transfers. https://ggus.eu/index.php?mode=ticket_info&ticket_id=143197 in progress, eLog 70181.

Update 9/20: Made some storage system configuration changes - seemed to help, errors stopped. ggus 143197 was closed. eLog 70240.

(x) 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.)