

**Subject:** Cloud summary - 4/10/19  
**From:** Mark Sosebee <sosebee@uta.edu>  
**Date:** 4/10/19, 11:41 AM  
**To:** Mark Sosebee <sosebee@uta.edu>

US cloud notes from the past week:

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ADCoS/CRC reports from the ADC Weekly and ADCoS meetings:

No CRC report this week.

[https://indico.cern.ch/event/812902/contributions/3389076/attachments/1827053/2990519/190409\\_ADCoS.pdf](https://indico.cern.ch/event/812902/contributions/3389076/attachments/1827053/2990519/190409_ADCoS.pdf) (Armen)

General news / issues during the past week:

4/8: ADC Technical Coordination Board

<https://indico.cern.ch/e/811543>

4/9: ADC Weekly meeting:

<https://indico.cern.ch/e/812084>

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

[https://indico.cern.ch/event/812084/contributions/3384562/attachments/1826958/2990315/mccoord\\_090419.pdf](https://indico.cern.ch/event/812084/contributions/3384562/attachments/1826958/2990315/mccoord_090419.pdf)

<https://indico.cern.ch/event/812084/contributions/3384563/attachments/1826823/2990073/ADCWeekly9thApril2019.pdf>

[https://indico.cern.ch/event/812084/contributions/3384561/attachments/1826489/2989396/DatRepStatus\\_ADC\\_20190409.pdf](https://indico.cern.ch/event/812084/contributions/3384561/attachments/1826489/2989396/DatRepStatus_ADC_20190409.pdf)

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Site-specific issues:

1) 4/4: AGLT2 - file transfer errors ("Space associated with the space token 570011 is not enough to hold SURL" etc.). A problem with space reporting was fixed - issue resolved. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140590](https://ggus.eu/?mode=ticket_info&ticket_id=140590) was closed on 4/8 (along with <https://its.cern.ch/jira/browse/ATLDDMOPS-5490>). eLog 69028.

2) 4/7: MWT2 - squid service degraded. Networking problem at the Illinois site was fixed - issue resolved. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140617](https://ggus.eu/?mode=ticket_info&ticket_id=140617) was closed on 4/8. eLog 69026. ([https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=140624](https://ggus.eu/index.php?mode=ticket_info&ticket_id=140624) was also opened around the same time for "lost heartbeat" job failures - same issue.)

3) 4/9: MWT2 - "lost heartbeat" job errors (unrelated to 2) above). [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140646](https://ggus.eu/?mode=ticket_info&ticket_id=140646).

4) 4/10: LUCILLE - job failures related to networking issues / IPv6. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140673](https://ggus.eu/?mode=ticket_info&ticket_id=140673).

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](https://ggus.eu/?mode=ticket_info&ticket_id=139626).

(ii) 2/16: NET2 - source file transfer errors ("TRANSFER CHECKSUM MISMATCH Source and destination checksums do not match"). Possibly need to declare some files at the site bad/lost. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=139739](https://ggus.eu/?mode=ticket_info&ticket_id=139739).

(iii) 3/18: SWT2\_CPB - file deletion errors ("A system call failed: Permission denied 500 End"). There is a question about the certificate being used by the deletion service when these errors occur. [https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=140258](https://ggus.eu/index.php?mode=ticket_info&ticket_id=140258) in progress, eLog 68875.

(iv) 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](https://ggus.eu/index.php?mode=ticket_info&ticket_id=140288) in progress.

(v) 3/26: MWT2: small number of files failing source transfers with checksum errors. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140418](https://ggus.eu/?mode=ticket_info&ticket_id=140418), eLog 68935.

(vi) 4/1: SLACXRD - discrepancy between space reporting compared to Rucio values. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140525](https://ggus.eu/?mode=ticket_info&ticket_id=140525).

(vii) 4/3: SWT2\_CPB - job failures with "work directory too large". [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=140551](https://ggus.eu/?mode=ticket_info&ticket_id=140551).