

**Subject:** Cloud summary -- 10/24/18  
**From:** Mark Sosebee <sosebee@uta.edu>  
**Date:** 10/24/18, 11:50 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/767496/contributions/3187881/attachments/1739628/2814593/ADCoSExpert20181023.txt> (expert shifter report)

[https://indico.cern.ch/event/767496/contributions/3187883/attachments/1739697/2814718/181023\\_ADCoS.pdf](https://indico.cern.ch/event/767496/contributions/3187883/attachments/1739697/2814718/181023_ADCoS.pdf) (Armen)

General news / issues during the past week:

10/17: Auto-exclusion event mostly affecting ANALY queues. Jobs failed with the error "pilot: Job failed: Non-zero failed job return code: 1." Sites set back online within a couple of hours.

10/22: ADC Technical Coordination Board:  
No meeting this week.

10/23: ADC Weekly meeting:  
<https://indico.cern.ch/event/766753/>

MC / Group Production / Reprocessing summaries from the ADC Weekly meeting:  
[https://indico.cern.ch/event/766753/contributions/3183434/attachments/1739594/2814545/mccoord\\_231018.pdf](https://indico.cern.ch/event/766753/contributions/3183434/attachments/1739594/2814545/mccoord_231018.pdf)  
[https://indico.cern.ch/event/766753/contributions/3183435/attachments/1739580/2814521/ADC\\_derivations\\_23Oct18.pdf](https://indico.cern.ch/event/766753/contributions/3183435/attachments/1739580/2814521/ADC_derivations_23Oct18.pdf)  
[https://indico.cern.ch/event/766753/contributions/3183433/attachments/1739492/2814376/DatRepStatus\\_ADC\\_23102018.pdf](https://indico.cern.ch/event/766753/contributions/3183433/attachments/1739492/2814376/DatRepStatus_ADC_23102018.pdf)

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Site-specific issues:

1) 10/22: WT2-SLAC - source/destination file transfer errors due to expired host certificate ("Error with credential: The host credential: /etc/grid-security/hostcert.pem 530- with subject: /DC=org/DC=opensciencegrid/O=Open Science Grid/OU=Services/CN=osggridftp02.slac.stanford.edu 530- has expired 1906 minutes ago").  
[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=137874](https://ggus.eu/?mode=ticket_info&ticket_id=137874), eLog 67224.  
As of 10/24 the certificates had been updated, so closed ggus 67224.

Follow-ups from earlier reports:

(i) 9/24: HU\_ATLAS\_Tier2\_MCORE - job failures with "lost heartbeat" errors. Issue under investigation. If the errors persist may turn off the queue, since it's eventually going to be decommissioned.

[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=137364](https://ggus.eu/?mode=ticket_info&ticket_id=137364), eLog 66921.

Update 10/18: NET2 is in the process of retiring the HU queues. Production will run for a few more weeks, but ultimately the HU queues will be turned off. So, closed ggus 137364. eLog 67174.

(ii) 10/16: SWT2\_CPB / UTA\_SWT2 - following a change to the network routing configuration for the two sites, throughput to non-LHCONE sites took a major performance hit. It was determined that this traffic was (incorrectly) being processed by a campus network security device, resulting in the poor throughput. Working to resolve this issue.

Update 10/23: A change was made to the routing configuration for SWT2\_CPB & UTA\_SWT2, and this solved the issue of slow transfers to non-LHCONE sites. (The security device was bypassed.) Normal transfer throughput was restored. During the network intervention early a.m. on 10/20 there were intermittent outages while the changes were being implemented, resulting in some failed file transfers. The corresponding ggus ticket ([https://ggus.eu/?mode=ticket\\_info&ticket\\_id=137857](https://ggus.eu/?mode=ticket_info&ticket_id=137857)) was closed. eLog 67260.