

**Subject:** Cloud summary - 3/4/20  
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**Date:** 3/4/20, 11:17 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/893198/contributions/3771929/attachments/1997162/3332385/c\\_030320.pdf](https://indico.cern.ch/event/893198/contributions/3771929/attachments/1997162/3332385/c_030320.pdf) (ADC news)  
[https://indico.cern.ch/event/893198/contributions/3767692/attachments/1997264/3332734/2020.03.03\\_DDM\\_Weekly\\_Report.pdf](https://indico.cern.ch/event/893198/contributions/3767692/attachments/1997264/3332734/2020.03.03_DDM_Weekly_Report.pdf) (DDM report)  
[https://indico.cern.ch/event/893198/contributions/3767692/attachments/1997264/3332591/DPA\\_Slide.pdf](https://indico.cern.ch/event/893198/contributions/3767692/attachments/1997264/3332591/DPA_Slide.pdf) (DPA news)  
[https://indico.cern.ch/event/893910/contributions/3771192/attachments/1996914/3331907/200303\\_ADCoS.pdf](https://indico.cern.ch/event/893910/contributions/3771192/attachments/1996914/3331907/200303_ADCoS.pdf) (Armen)

General news / issues during the past week:

2/27: New pilot release (v2.4.2) - see:

[http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.4.2-2\\_27\\_20.pdf](http://www-hep.uta.edu/~sosebee/ADCoS/pilot2-v2.4.2-2_27_20.pdf)

3/2: ADC Technical Coordination Board:

<https://indico.cern.ch/e/893637>

3/3: ADC Weekly meeting:

<https://indico.cern.ch/e/893198>

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

[https://indico.cern.ch/event/893198/contributions/3767690/attachments/1997357/3332744/ADC\\_weekly.pdf](https://indico.cern.ch/event/893198/contributions/3767690/attachments/1997357/3332744/ADC_weekly.pdf)  
[https://indico.cern.ch/event/893198/contributions/3767691/attachments/1997340/3332712/ADC\\_03032020.pdf](https://indico.cern.ch/event/893198/contributions/3767691/attachments/1997340/3332712/ADC_03032020.pdf)  
<https://indico.cern.ch/event/893198/contributions/3767688/attachments/1997231/3332514/ADC-reprocessing-report-03-03-2020.pdf>

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Site-specific issues:

1) 2/26: SWT2\_CPB - file deletions failing ("The requested service is not available at the moment"). A storage server had a problem and was unavailable. Restoring the machine solved the problem. [https://qgus.eu/?mode=ticket\\_info&ticket\\_id=145741](https://qgus.eu/?mode=ticket_info&ticket_id=145741) was closed on 2/27. eLog 71428.

- 2) 2/27: MWT2 - frontier failovers from jobs running at MWT2\_K8S\_UCORE on the Fermilab backup proxies. Fixed an issue with IP addresses between the cluster and squid service. Errors stopped, so [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145754](https://ggus.eu/?mode=ticket_info&ticket_id=145754) was closed on 2/28.
- 3) 2/27: MWT2 - job failures with stage-in errors. Issue traced to a storage setting for an old queue in AGIS.  
[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145768](https://ggus.eu/?mode=ticket_info&ticket_id=145768) was closed on 3/3.
- 4) 2/28: NET2 - source / destination file transfer errors ("System error in Unable to set the uid of the server process"). Seemed to be a transient problem, as the errors by the next day. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145769](https://ggus.eu/?mode=ticket_info&ticket_id=145769) was closed on 2/29. eLog 71440.
- 5) 2/28: AGLT2 - replication of some datasets seems to be stuck. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145774](https://ggus.eu/?mode=ticket_info&ticket_id=145774) in progress.

Follow-ups from earlier reports:

- (i) 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](https://ggus.eu/?mode=ticket_info&ticket_id=142443).
- (ii) 8/10: MWT2\_UCORE - job failures with "SYSTEM\_PERIODIC\_REMOVE" errors.  
<https://its.cern.ch/jira/browse/ADCSUPPORT-5191>, eLog 69945.
- (iii) 1/16: MWT2 - some job failures with stage-in errors. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=144840](https://ggus.eu/?mode=ticket_info&ticket_id=144840) in progress.  
Update 1/23: Possibly a bug in the version of xrootd being used. Planning to update the software.  
Update 3/2: Upgrades to dCache and xrootd were done, so this issue should be resolved. ggus 144840 was closed.
- (iv) 1/27: NET2 - some job failures reported by DPA ("copy command timed out: TimeoutException: Timeout reached, timeout=6357 seconds',)):failed to transfer files using copytools=[u'rucio']"). [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=144955](https://ggus.eu/?mode=ticket_info&ticket_id=144955) in progress.  
Update 3/3: Recent job efficiency is good - few if any stage-in errors. Closed ggus 144955 - eLog 71459.
- (v) 1/28: AGLT2 - some job failures reported by DPA. Not much in the logging, investigating.  
[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=144982](https://ggus.eu/?mode=ticket_info&ticket_id=144982) in progress.  
Update 2/27: Not obvious what the problem was, but no recent errors of this type. ggus 144982 was closed.

(vi) 1/30: MWT2 - some job failures reported by DPA with stage-out errors. Issue being investigated.

[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145103](https://ggus.eu/?mode=ticket_info&ticket_id=145103).

Update 3/3: Issue resolved by upgrading dCache to v5.2. ggus 145103 was closed.

(vii) 2/14: BNL - source file transfer errors ("User defined checksum and source checksum do not match").

[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145544](https://ggus.eu/?mode=ticket_info&ticket_id=145544) in progress.

(viii) 2/15: SWT2\_CPB - source file transfer failures ("SOURCE CHECKSUM globus\_ftp\_client: the operation was aborted"). Probably related to a change in the mechanism for calculating checksums following an AGIS setting modification. Change was reverted until issue is better understood. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145570](https://ggus.eu/?mode=ticket_info&ticket_id=145570) in progress, eLog 71348.

Update 3/3: Fixed a problem with how checksums we being calculated - errors stopped. ggus 145570 was closed. eLog 71458.

(ix) 2/23: MWT2 - source file transfer errors ("the server responded with an error 451 General problem: Problem while connected to IP|HOST:PORT: ClosedChannelException," etc.). [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=145700](https://ggus.eu/?mode=ticket_info&ticket_id=145700) in progress, eLog 71376.

Update 3/3: A couple of issues were addressed: (1) network problem on a subset of storage nodes - reseated some cabling, and (2) increased the memory available on the xrootd door. Issue should be resolved - ggus 145700 was closed. eLog 71457.