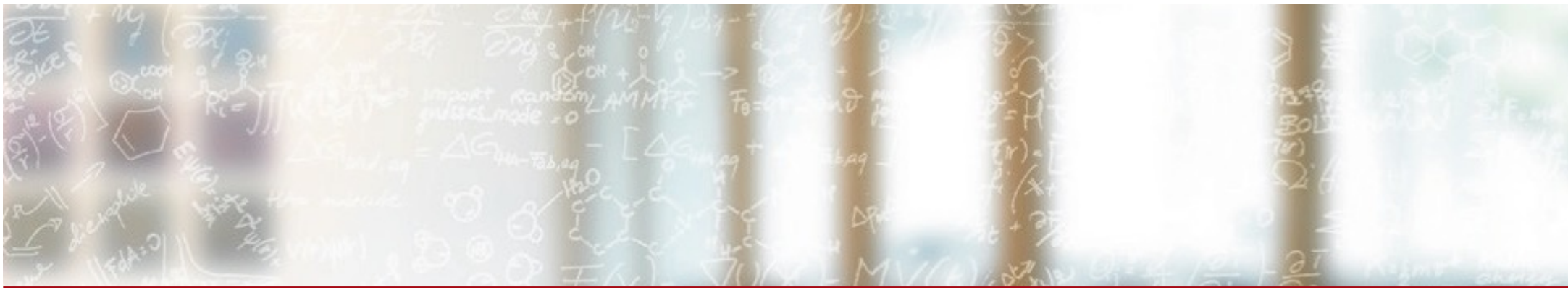




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May CSCS Site Report for CHIPP

Nicholas P. Cardo, CSCS

May 20, 2021

WLCG SAM

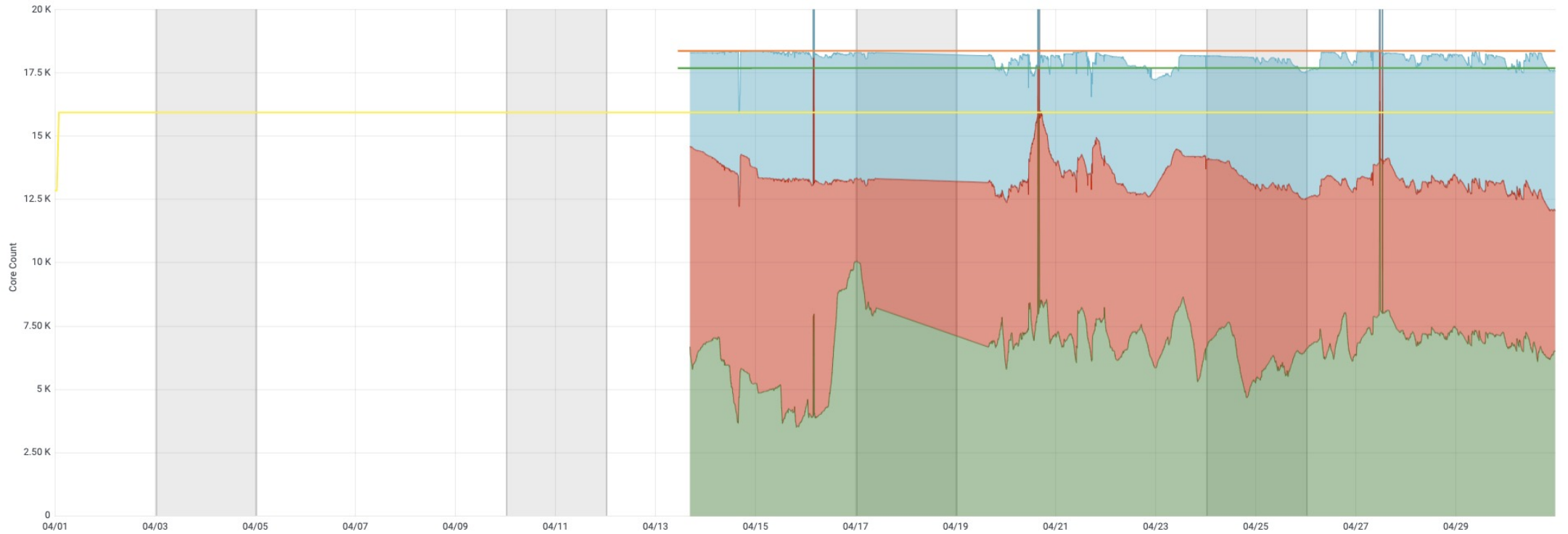
WLCG Availability													
Site	April	May	June	July	August	September	October	November	December	January	February	March	Average
CH-CHIPP-CSCS (ATLAS)	96%												96.0%
CSCS-LCG2 (ATLAS)	100%												100.0%
UNIBE-LHEP (ATLAS)	92%												92.0%
CH-CHIPP-CSCS (CMS)	100%												100.0%
CH-CHIPP-CSCS (LHCb)	100%												100.0%

WLCG Reliability													
Site	April	May	June	July	August	September	October	November	December	January	February	March	Average
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CH-CHIPP-CSCS (LHCb)	100%												100.0%

<30%	<60%	<90%	>=90%	Source: http://monit-wlcg-sitemon.web.cern.ch/monit-wlcg-sitemon/reports/2021									
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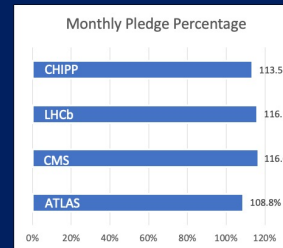
April Running Cores

Running Core Count per Account (atlas + cms + lhcb) and partitions (wlcg) ▾

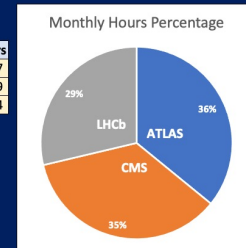


— atlas
— cms
— lhcb

	max	avg	current
atlas	16.4 K	6.68 K	6.52 K
cms	18.3 K	6.73 K	5.53 K
lhcb	10 K	4.68 K	5.50 K



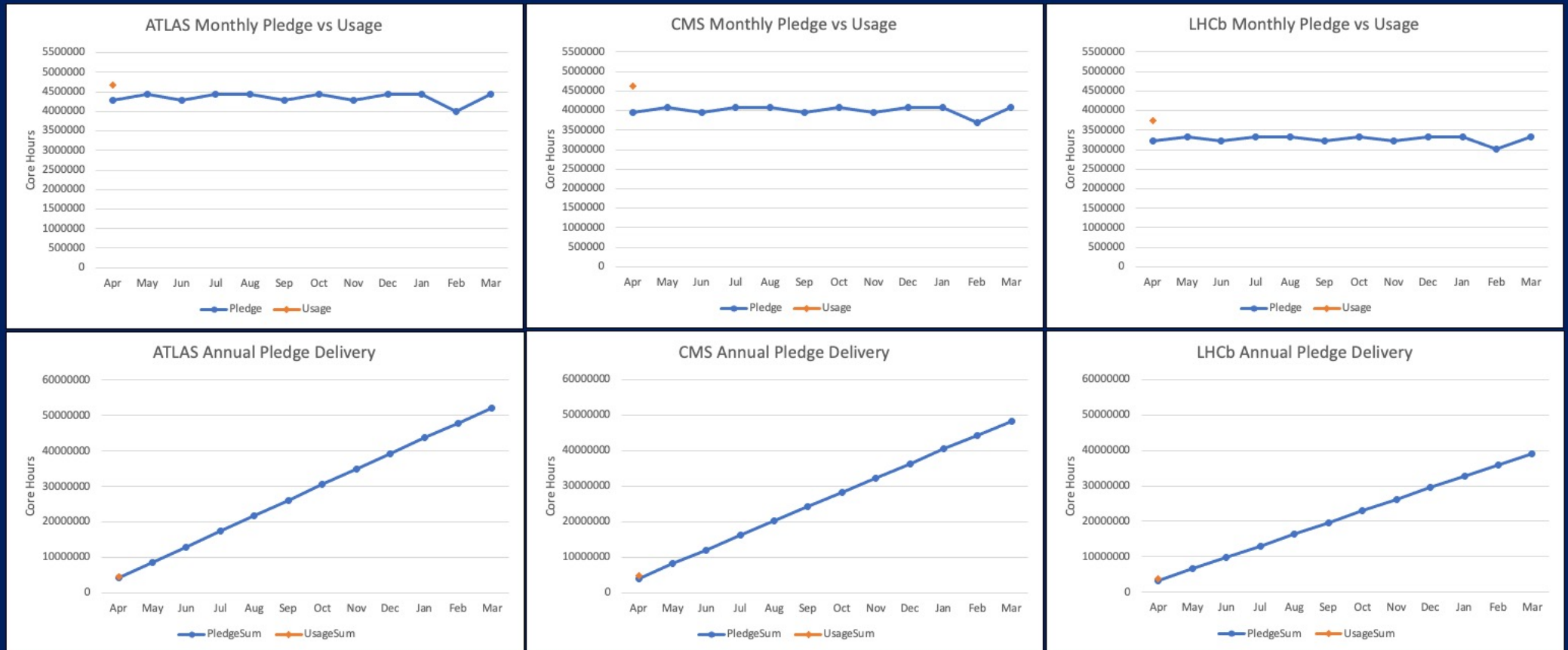
	Core Hours
ATLAS	4'673'027
CMS	4'616'459
LHCb	3'737'954



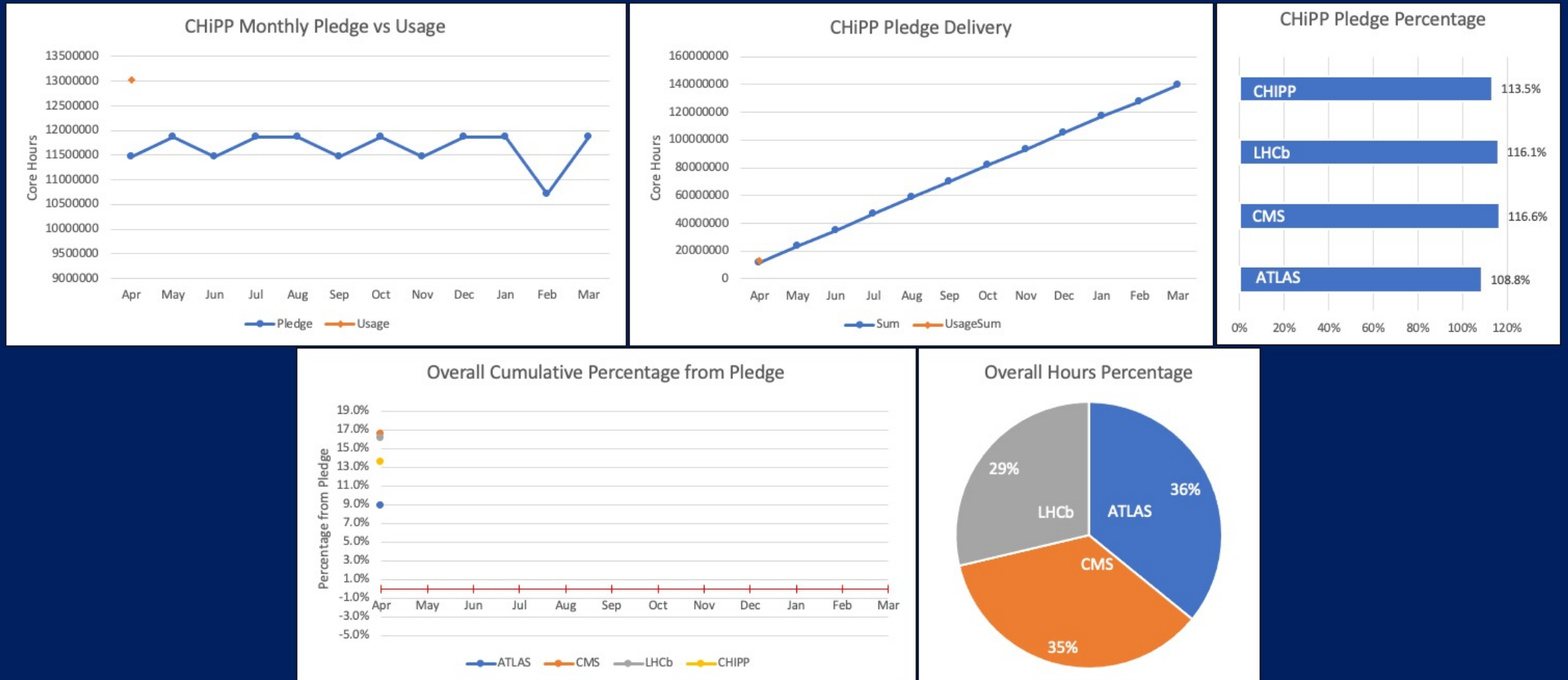
Confidential | 3

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April 1, 2020 through March 31, 2021 VO Utilization



CHiPP Progress on Pledge Delivery



Notices

- **Maintenance Schedule:**

- **2021:**

- September 8th, 2021 – Site Wide

- **Holidays/Closures:**

- **2021:**

- 24 May 2021 Whit Monday (*Monday*)
 - 03 Jun 2021 Corpus Christi (*Thursday*)
 - 29 Jun 2021 St Peter and St Paul (*Tuesday*)
 - 01 Aug 2021 Swiss National Day (*Sunday*)
 - 15 Aug 2021 Assumption Day (*Sunday*)
 - 01 Nov 2021 All Saints' Day (*Monday*)
 - 08 Dec 2021 Immaculate Conception (*Wednesday*)

Activities: *Completed*

- Preparations for ATLAS to move from SRM to WebDAV for TPC transfers
- Updated LHCb Sarus image to the latest CERN image
- cms02 is offline *Thanks Derek*
- **EGI-SVG-2021-17247 – CVE-2020-25097 (squid)**
 - Workaround applied 2021-05-12
- **EGI-SVG-CVE-2021-31215 (Slurm)**
 - Code fix was applied to vulnerable version
 - Slurm was upgraded during the maintenance

Activities: *In Progress*

- **Accounting System Data Verification: <standing item>**
 - Perform monthly verifications
- **Accounting Republish**
 - All data re-published a second time per request
 - September was good, site is waiting on the rest of the results...
- **Dashboard Job Data Gaps**
 - Gaps identified as http timeouts, increasing improved, still a bit more to go...

Activities: *Pending*

- **cms03/04 O/S Update**

- Scheduled for May 24 – June 18

- **cms02 Retirement**

- ~~Services need to be migrated to cms03/04~~ *Derek completed migrations*
- System has been taken offline
- Scheduled for May 24 - June 18

- **CMS GPU Access**

- Scheduled to begin Week 21

- **Remove intermediate container for LHCb**

- Eliminates the need for Sarus and an additional container
- Scheduled for June 21 – July 16

- **ATLAS DPM Migration:**

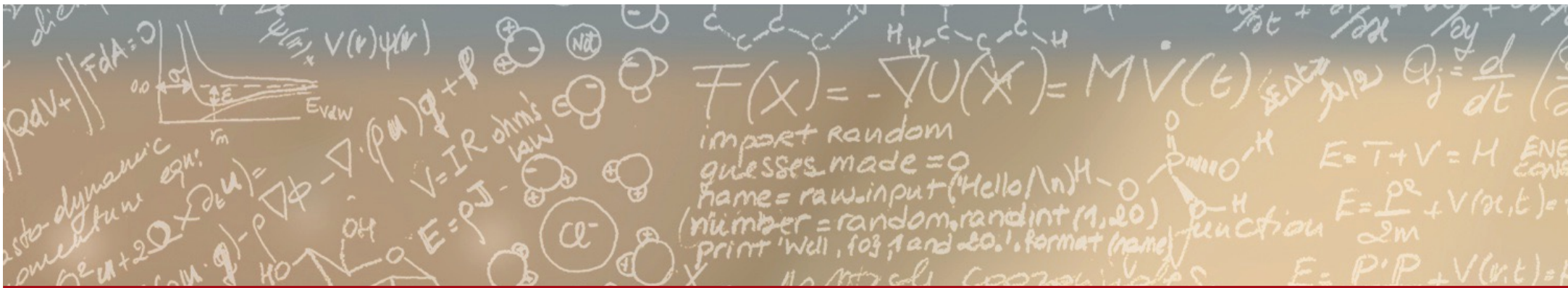
- Two options: 1. separate the ATLAS percentage as part of dCache growth, 2. shutdown test
- Decision needed by June 2nd. If no response DPM access will be turned off.



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Thank you for your attention.