

Tier 2 site report: CSCS

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CSCS report (August)

CPU:

(inc. WLCG and NorduGrid)

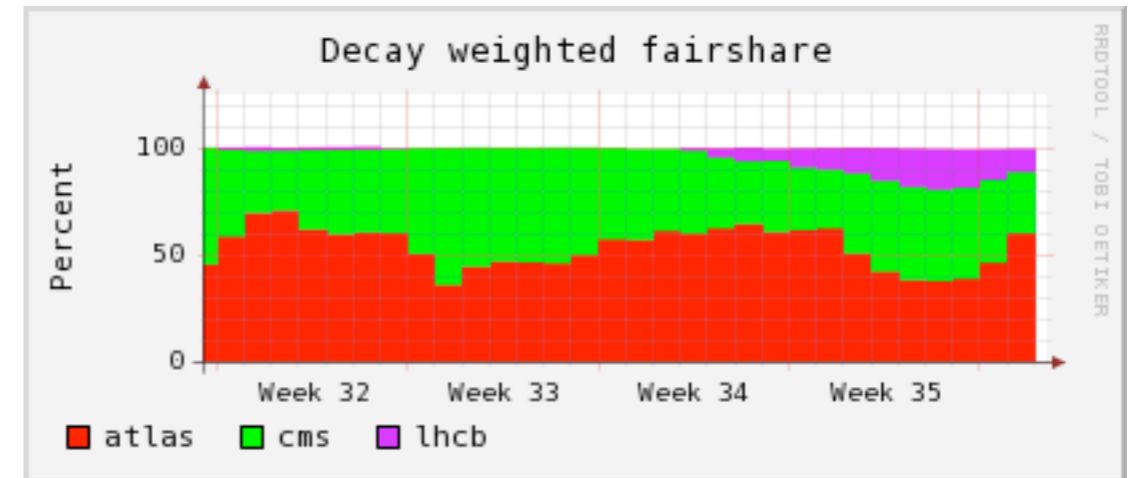
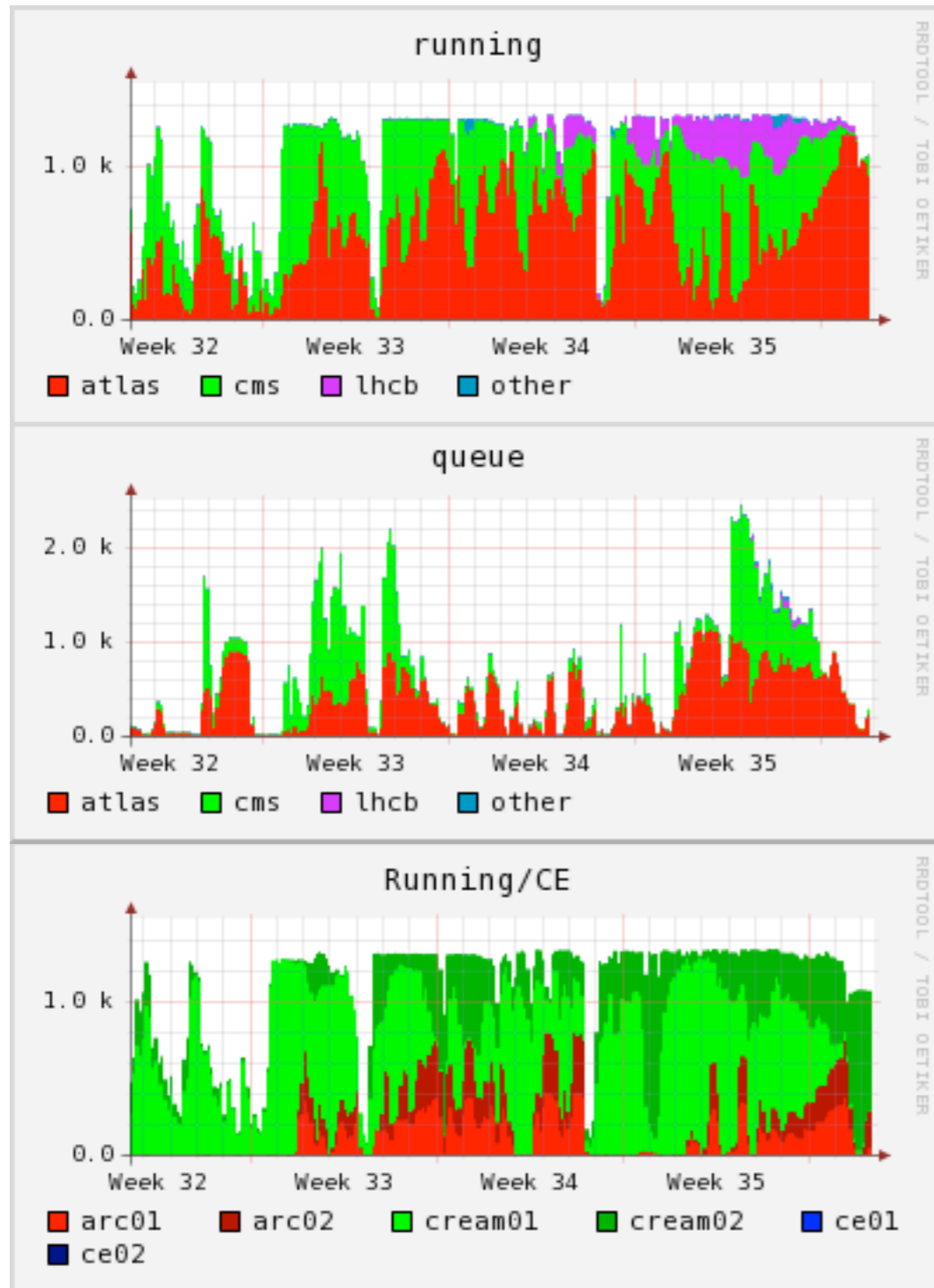
	Nr of jobs	Walltime (h)	CPU time (h)
Total	244591 (185727)	423851 (532413)	365264 (468369)
PROD	47622 (47622)	301515 (348851)	280320 (328933)
PILOT	137507 (137507)	122052 (183551)	84524 (139433)
User	197 (0)	271 (0)	416 (0)

July 2011 figures in brackets

- atlas
- atlas/Role=production
- atlas/Role=pilot
- atlas/Role=NULL

- Drop in usage (still above allocated fair-share, but some lustre and cream problems)
- Breakdown per CE: cream 89.5%, ARC 10.5% (jobs); cream 66.7% ,ARC 33.3% (WT)
- Analy/Prod rate (WT): 40.5%
- **CPU Efficiency: 86.2%** [83.2% cream; 93.6% ARC] (88.0% in Jun; 88.9% Efficiency for all VOs)

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Target fair-shares:
atlas=40:cms=40:lhcb=20

Measured fair-shares:
atlas=55.4:cms=41.6:lhcb=2.8

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Disk:

http://bourricot.cern.ch/dq2/accounting/t2_reports/FZKSITES/

Report for FZKSITES (UTC 2011-09-06 14:09:54.844799)

Site	Used(G)	Free(G)	Total(G)	%
CSCS-LCG2_DATADISK	270733	161266	431999	62
CSCS-LCG2_GROUPDISK	17095	32905	50000	34
CSCS-LCG2_HOTDISK	922	2078	3000	30
CSCS-LCG2_LOCALGROUPDISK	77	9923	10000	0
CSCS-LCG2_PRODDISK	1120	8880	10000	11
CSCS-LCG2_SCRATCHDISK	20915	7084	27999	74

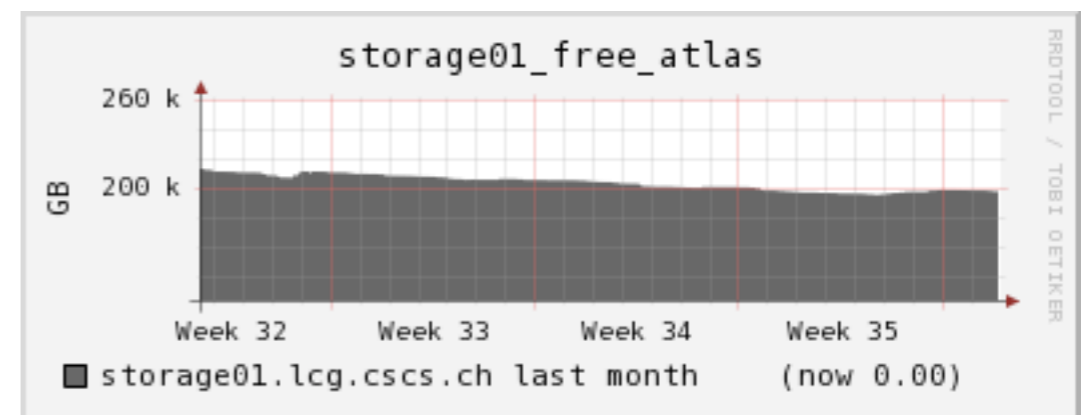
Totals (TB)

(April figures)

310.9 222.1 533 **58.3**

(290.1) (242.8) (533)

- No news of relevance
- Moderate increase of disk usage
- Online: 533TB / Pledged: 468.5TB



CSCS report (August)

General news

- Some problems to deal with:
- two downtimes for cream02 (Mysql database too slow)
- similar problems seen on cream01
(observed that external query -mostly read- patterns changed dramatically since August)
- Some random problems for the lustre scratch area (mainly OSSs going offline)
(GPFS scratch working well, so now decided to phase out lustre in favour of GPFS. But no firm timescale yet)