

Tier 2 site report: CSCS

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CSCS report (September)

CPU:

(inc. WLCG and NorduGrid)

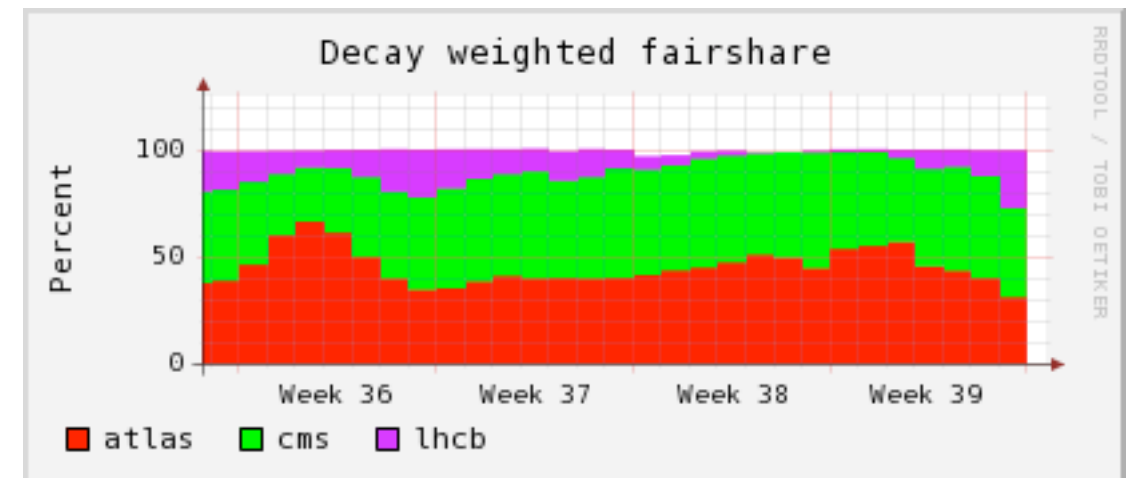
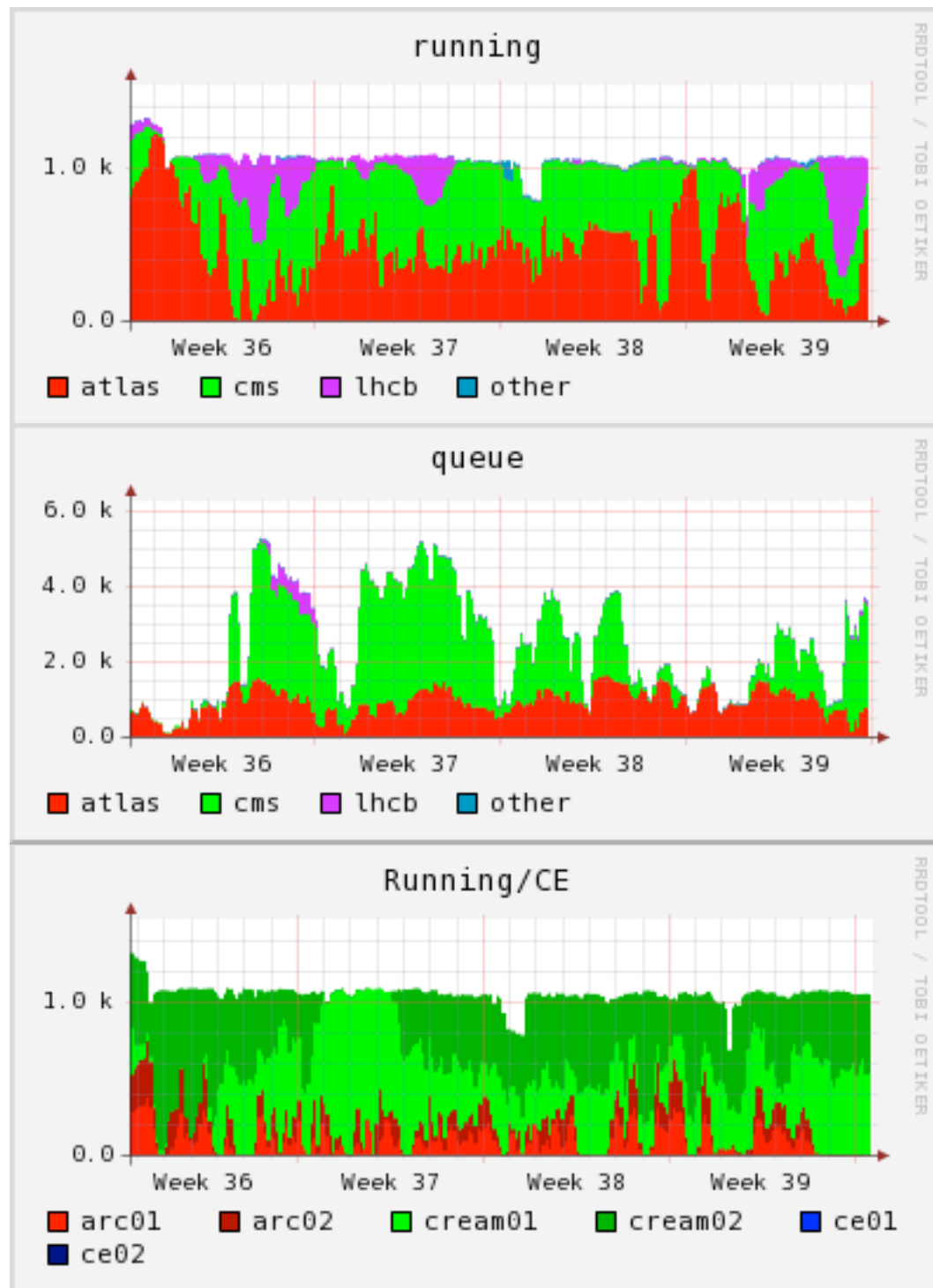
	Nr of jobs	Walltime (h)	CPU time (h)
Total	201042 (244591)	351213 (423851)	309717 (365264)
PROD	48429 (47622)	201730 (301515)	188460 (280320)
PILOT	151820 (137507)	149412 (122052)	121242 (84524)
User	529 (197)	44 (271)	11 (416)

July 2011 figures in brackets

■ atlas
■ atlas/Role=production
■ atlas/Role=pilot
■ atlas/Role=NULL

- Slight drop in usage (still above allocated fair-share, but some node off-lined due to lustre problems)
- Breakdown per CE: cream 87%, ARC 13% (jobs); cream 57.6% ,ARC 42.4% (WT)
- Analy/Prod rate (WT): 74.1%
- **CPU Efficiency: 88.2% [83.8% cream; 94.1% ARC]** (86.2% in Aug; 89.3% Efficiency for all VOs)

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

Measured fair-shares:
atlas=45.1:cms=44.4:lhcb=9.9

CSCS report (September)

Disk:

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

Report for FZKSITES (UTC 2011-10-03 14:05:14.994769)

Site	Used(G)	Free(G)	Total(G)	%
CSCS-LCG2_DATADISK	298993	133006	431999	69
CSCS-LCG2_GROUPDISK	17095	32905	50000	34
CSCS-LCG2_HOTDISK	929	2071	3000	30
CSCS-LCG2_LOCALGROUPDISK	77	9923	10000	0
CSCS-LCG2_PRODDISK	916	9084	10000	9
CSCS-LCG2_SCRATCHDISK	20941	7058	27999	74

Totals (TB)

(April figures)

338.9 194.0 533

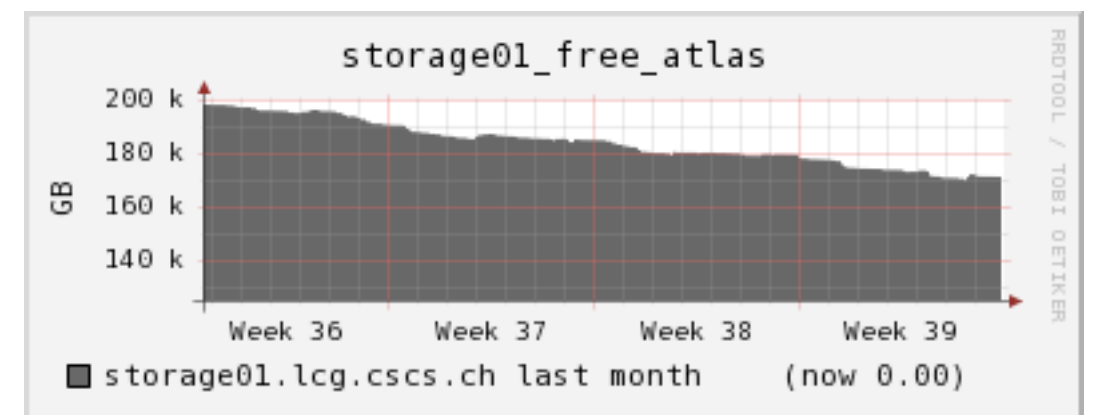
(310.9)

(222.1)

(533)

63.6

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



CSCS report (September)

General news

- Some problems with argus/cream (but not affecting ATLAS)
- Work ongoing to extend the GPFS scratch to the whole cluster (Lustre decommissioned)
 - Performance OK, now working on reliability/failover, etc
 - Full cluster expected to be back online in ≥ 2 weeks
- Timeline for migration to CVMFS under discussion
 - It's highly preferable to migrate all VOs at once
 - Diskless nodes could be setup with ≤ 5 GB cache (all VOs)
 - Diskless nodes will be decommissioned in May 2012 (cluster relocation to new site)
 - Current HA NFS setup very stable
 - Therefore a migration in May 2012 would be ideal where possible