



ATLAS Tier-1 Experiment sign off for Q4 2019

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RAL Tier1 Resource Review Meeting 21st January 2020



RAL Tier-1 ATLAS CPU use



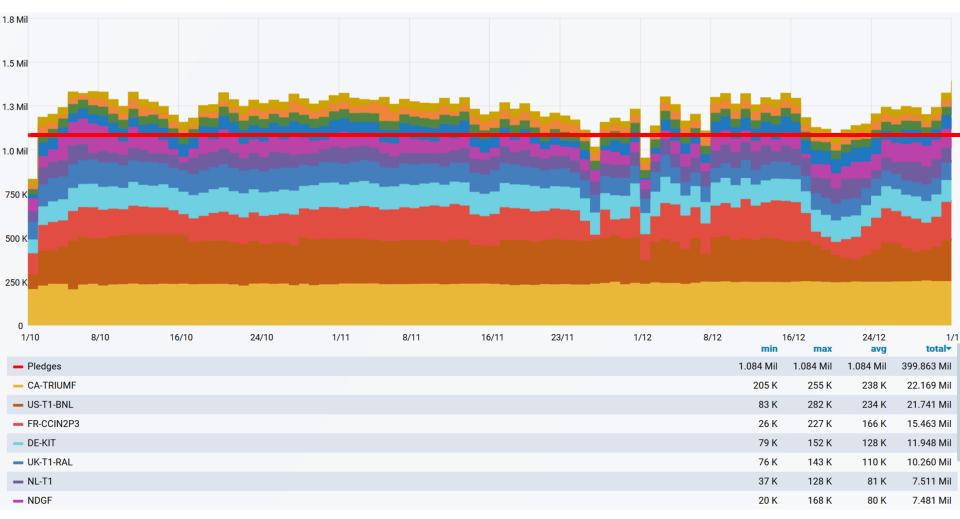


Total usage (all activities) = 110.3 kHS06 ("avg"), pledge = 132.1 kHS06 ("avg"), ie. 83.5% We have dropped below our fairshare of the farm, mostly 89% of farm allocation. James has tweaked the fairshare parameters and we should catch up the shortfall in the next months.

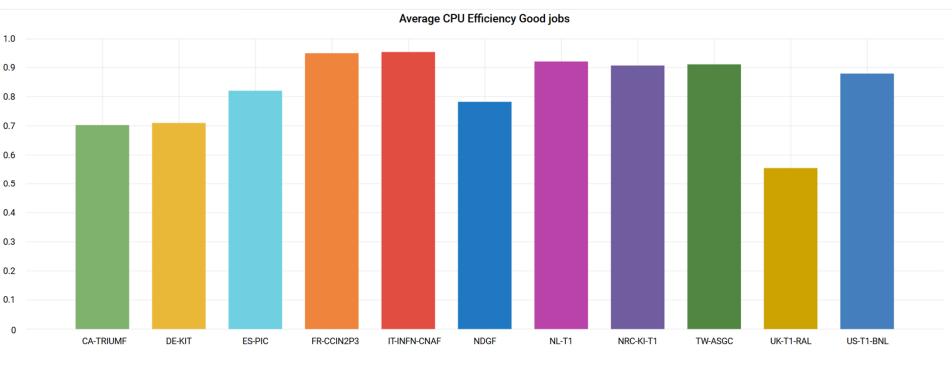
Tim Adye - RAL

ATLAS Tier-1s CPU use

Slots of running jobs (HEPSPEC06)



ATLAS Tier-1s CPU efficiency



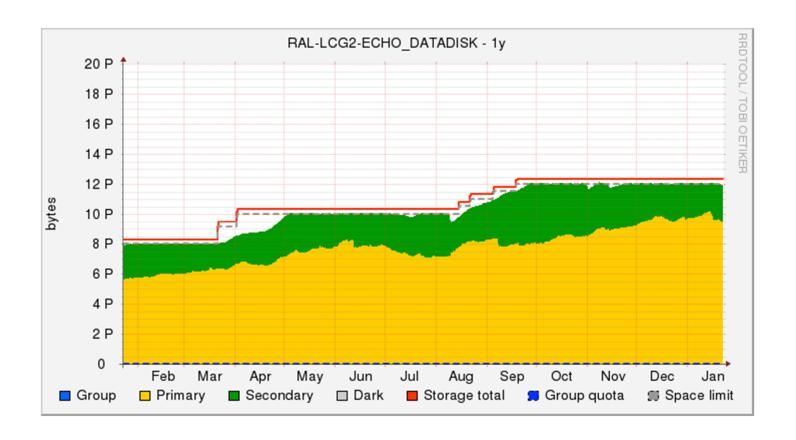
	avg▲
— UK-T1-RAL	0.556
— CA-TRIUMF	0.703
— DE-KIT	0.711
■ NDGF	0.783
ES-PIC	0.821
■ US-T1-BNL	0.880
■ NRC-KI-T1	0.908
■ TW-ASGC	0.912

ATLAS haven't traditionally worried about efficiencies, since different sites have quite different definitions. Still, 56% doesn't look good.

RAL Tier-1 ATLAS CPU efficiency

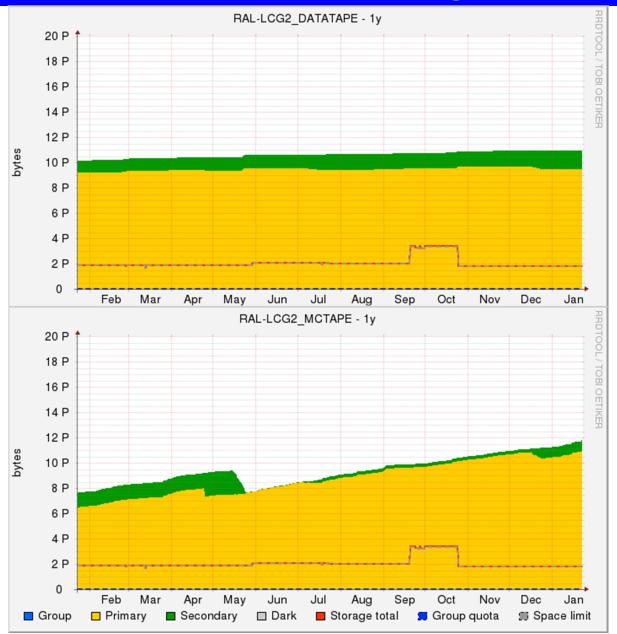


RAL Disk usage



RAL Echo quota increased on request in Aug/Sep to provide 2020 quota early.

RAL tape usage



SRM quotas don't seem to be used for RAL tape.
No problem, as we are still well below our allocation.
We should keep an eye on this.