

MB Feb 13 Discussion on Site Resources Reporting

MB of 31 Jan decided all Tier 1 sites should send to H.Renshall their procurement plans for 2007.

The values of reference (of site resources and experiment requirements) are those in H.Renshall's pages (i.e. the spreadsheets attached to

<https://twiki.cern.ch/twiki/bin/view/LCG/SC4ExperimentPlans>)

Both sites and experiments should submit the values there and keep them up to date.

In particular, the capacity for the **current quarter** should be updated whenever new equipment is installed.

The accounting and quarterly reports will simply use the latest numbers from there as the installed capacity.

Example from IN2P3

LCG-France Tier-1 -- Capacity Available vs. Required for 2007

CPU [k S/2000]	Previous Pledge	Revised Pledge	Quarter	Total Available	Required				
					Alice	Atlas	CMS	LHCb	Total
	2 666	1 585	2007 Q1	1 171	400	234	180	417	1 231
			2007 Q2	1 171	400	467	180	408	1 455
			2007 Q3						
			2007 Q4						

Disk [TB]	Previous Pledge	Revised Pledge	Quarter	Total Available	Required				
					Alice	Atlas	CMS	LHCb	Total
	1 591	847	2007 Q1	280	161	30	70	46	307
			2007 Q2	340	161	52	70	57	340
			2007 Q3						
			2007 Q4						

MSS [TB]	Previous Pledge	Revised Pledge	Quarter	Total Available	Required				
					Alice	Atlas	CMS	LHCb	Total
	1 453	943	2007 Q1	500	319	65	93	24	501
			2007 Q2	510	319	91	116	27	553
			2007 Q3						
			2007 Q4						

NOTES:

- Storage units are TB = 10¹² bytes
- The required resources as expressed by the experiments can be found at:
<https://twiki.cern.ch/twiki/bin/view/LCG/SC4ExperimentPlans>

Points for discussion:

- Current accounting reporting, which includes usage per experiment at each site, will continue. It includes the installed resources – which, as agreed at the MB of 6 February, will be taken directly from my table for the current quarter.
- Spreadsheet capacity values for the current quarter should match the accounting reports for end of the previous quarter plus any capacity only released at the end of the quarter. Breakdown of site capacity installed or planned should hence also be given *per experiment*.
- I am assuming that sites report cpu, formatted disk space and tape space with no efficiency allowance. I will show this as **installed/planned** capacity and also show the **available capacity** by applying the standard efficiency factors (Tier-1 cpu 0.85, disk 0.7, tape 1.0). These latter numbers should be compared with the experiments' requests.
- Capacity available should be that definitely planned to be available at the beginning of the quarter in question.
- The experiments requirements should be those accumulated to the end of the quarter. Additions to site capacity or experiment requirements during a quarter will be added in when received including for the current quarter.