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To: "worldwide-lcg-management-board (LCG Management Board)" <worldwide-lcg-management-board@cern.ch>
Sent: Tuesday, November 15, 2005 12:49 AM
Subject: Tier-2 milestones - input for MB

Here are some UK milestones for T1-T2 and some prerequisites for T2s. Some of them may be suitable as more general milestones.

They are mainly short-term for SC4 but this is as far as we are looking for now.

John

 Summary of GridPP Tier-2 milestones for SC4

* SRM

** 80% of sites have working (file transfers with 2 other sites successful) SRM by end of December
 ** All sites have working SRM by end of January
 ** 40% of sites (using FTS) able to transfer files using an SRM 2.1 API by end February
 ** All sites (using FTS) able to transfer files using an SRM 2.1 API by end March
 ** Interoperability tests between SRM versions at Tier-1 and Tier-2s (TBC)

* FTS

** FTS channel to be created for all T1-T2 connections by end of January
 ** FTS client configured for 40% sites by end January
 ** FTS channels created for one Intra-Tier-2 test for each Tier-2 by end of January
 ** FTS client configured for all sites by end March

* Tier-1 to Tier-2 Transfers (target rate 300-500Mb/s)

** Sustained transfer of 1TB data to 20% sites by end December
 ** Sustained transfer of 1TB data from 20% sites by end December
 ** Sustained transfer of 1TB data to 50% sites by end January
 ** Sustained transfer of 1TB data from 50% sites by end January
 ** Peak rate tests undertaken for the two largest Tier-2 sites in each Tier-2 by end February
 ** Sustained individual transfers (>1TB continuous) to all sites completed by mid-March
 ** Sustained individual transfers (>1TB continuous) from all sites completed by mid-March
 ** Peak rate tests undertaken for all sites by end March
 ** Aggregate Tier-2 to Tier-1 tests completed at target rate (rate TBC) by end March

* Tier-2 Transfers (target rate 100 Mb/s)

** Sustained transfer of 1TB data between largest site in each Tier-2 to that of another Tier-2 by end February
 ** Peak rate tests undertaken for 50% sites in each Tier-2 by end February

* LFC

** LFC document available by end November
 ** LFC installed at 1 site in each Tier-2 by end December
 ** LFC installed at 50% sites by end January
 ** LFC installed at all sites by end February
 ** Database update tests (TBC)

- * VO Boxes (depending on experiment responses to security and operations questionnaire and GridPP position on VO Boxes)
 - ** VOBs available (for agreed VOs only) at 1 site in each Tier-2 by mid-January
 - ** VOBs available at 50% sites by mid-February
 - ** VOBs available at all (participating) sites by end March
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- * Experiment specific tests TBC
 - ** To be developed in conjunction with experiment plans