



The LHC Computing Grid Project

SC2 - 3 June 2004

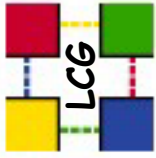
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Initial Planning for Phase 2

- **Common facilities and services at CERN**
 - Facility capacity, costs, technology - June 2003
 - Human resources for services at CERN - October 2003
 - Acquisition plan - March 2004
- **Long-term human resources for Applications Support**
 - Review completed May 2004
- **Review of requirements for Phase 2 in Tier-1s, Tier-2s**
 - Basic computing models, resources → MoU Task Force - April 2004
 - Requirements should now be “validated” by LHCC
- **Editorial board for the TDR - chair appointed May 2004 (Jürgen Knobloch)**



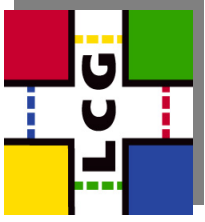
Phase 2 Planning Outline

- Agree programme of Service Challenges
 - Target - end June 2004
- Tier-1, Tier-2 Regional Centre Planning
 - Expand planning team to include a few regional centre experts (volunteers requested on 18 May at GDB in Barcelona)
 - Next version of basic computing model, Tier-1 & -2 resources, complemented with Regional Centre plans
 - Target - September 2004 - for October C-RRB
- Agree with CERN management a strategy for dealing with shortfall in human resources for the common activities at CERN
 - Target - end June 2004
 - Options include major change in CERN role?
- Experiments decide on initial computing models - end 2004
- Final MoU - April 2005 C-RRB
- TDR - end June 2005



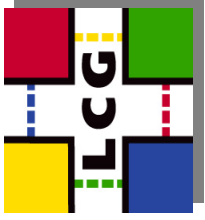


- First version of a plan to back the MoU
 - September 2004 - for October C-RRB
 - Revised version of basic computing models
 - Revised estimates of overall Tier-1, Tier-2 resources
 - Current state of commitments of resources
 - Regional Centres ↔ Experiments
 - High-level plan for ramping up the Tier-1 and large Tier-2 centres - including summary information for each centre



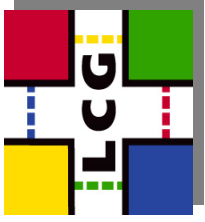
Introduction

- Many different activities must satisfy goals during the next year
 - These necessarily involve many participants – especially Tier1’s and large Tier 2’s
- Not just “middleware/application” services, but also:
 - Operations centre functionality
 - Accounting
 - User support/call centre functionality
 - VO management services
 - Etc.
- These must be managed within GDA, but with real commitment:
 - To deliver results
 - To provide resources (hardware and people)



Proposal

- Form a group from among the Tier1 and large Tier 2 centres, to:
 - Write service challenge plan
 - Milestones, functional and performance goals
 - Monitor progress of the plan and associated service challenges
 - Hold post-mortems – summarize problems
 - Set targets and analyse what/why they were not met
 - Provide resources committed to fulfilling the plan
 - Nominate “Data Challenge” leaders/coordinators at each centre
 - Ensure system managers understand priorities



Makeup of the group & reporting

- Members should be project managers
 - Responsible for and committed to making the LCG service succeed in their centre/region
 - Who have resources to commit!
- The group would be part of the Deployment Area
- Report back to the PEB and GDB as appropriate
- Meet every 2 weeks by phone
 - In person if convenient
- Needs to be in place very quickly