WLCG Technical Forum

MB
12th May 2009

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Need

- As discussed and agreed in previous weeks:

- Need for a technical forum to discuss issues for evolution, improvement, etc between WLCG stakeholders
  - Able to provide input on a common WLCG position to e.g. EGEE, EGI, OSG, etc.

- Forum in which to discuss longer term needs and developments of middleware and other services
- Must prepare for the sustainability and evolution of the existing middleware in the light of changing technology and experience –
- Can we think again of common solutions in some areas where it is clear that existing solutions are weak?
- It needs to represent all the stakeholders – experiments, sites, grid projects, etc.; but should not be too large
  - Depending on the topic – bring in the appropriate experts
- It does not take decisions – should produce clear documents for discussion in the GDB, and potential agreement in the MB

Mandate

- Provide detailed technical feedback and requirements on grid middleware and services, providing the WLCG position on technical issues:
    - Functionality, stability, interfaces, architecture, suitability
- Advise the MB on grid middleware and service needs and problems.
- Discuss the evolution and development of middleware and services, in particular driving common solutions where possible.
- Prioritise needs and requirements.

- This group reports to the MB

Membership

- **Chair: Maarten Litmaath**

- **Members:**
  - Experiments: 1+1 per experiment
  - Sites: 1+1 for Tier 1s; 1+1 for Tier 2s; 1+1 for Tier 0
  - Infrastructures: 1+1 from each EGEE, OSG, ARC

  - Bring in experts as needed

  - Members must have the mandate to speak for their community (of course also talking to them about the issues)

- **Meetings:**
  - Suggest setting up a strong non-face-to-face channel
  - Monthly face to face/video meeting

Initial topics

- Data management – review where we are with SRM vs actual needs
- Analysis model topics
- Support for virtualisation (many sub topics)
- Pilot jobs support

- Technical input to EGI discussions
  - Needs from the NGIs
  - Input to proposal for the SSC for HEP
  - Input to the middleware discussion – we need to be explicit and clear about the WLCG needs in the near future