Accounting non-Grid Use

John Gordon

Management Board

7/6/2007

Grid Accounting

- APEL identifies grid use by matching entries in the gatekeeper log, messages, and batch system logs

- Systems which use their local accounting either:-

  - Report all work

  - Or can chose whether to report Grid or all.

Possibility

- When APEL selects grid jobs it could also log the total cpu etc for jobs which it does not match.

- Making the assumption that this is non-grid work

- Usage could be reported per unix group, per site, per month and stored in a parallel table

- The Portal could show similar views to the grid use and/or compare with Grid use.

Issues

- Are sites happy to publish the non-grid use externally

  - Or is this an invasion of privacy
- Not obvious how to restrict publishing to local LHC use
- Will take some effort to extend APEL but not an excessive amount
  - Current priorities are UserDN, FQAN, GOCDB3 migration
  - Could be completed this year
- Is it worth it or will non-grid use die away?