GLOBUS accounting and Grid-SAFE

Goals:

• Generation of Open Standards compliant accounting data from GRAM5. Preliminary integration with EGI accounting infrastructure

• This is being addressed during IGE Work Package 4, adaptation cycle 3, ends 31/3/2012

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Part 1: GLOBUS → Grid-SAFE

• Generation of OGF URs from GRAM Audit logs / LRM logs, and their submission via a SOAP client to a RUPI endpoint.

• Modify UK NGS BATCH2UR to work with GRAM5 (without VDT accounting patches). Seems straightforward.

• Work ongoing in Southampton, UK

GLOBUS accounting and Grid-SAFE

Part 2: Grid-SAFE Packaging

• The downfall of the Grid-SAFE suite is its highly-configurable nature, making it hard to deploy usefully for non-expert users

• Working with the original author, an IGE-standard distribution of GridSAFE is being developed and packaged (RPM for EL)

• Work completed in Southampton, UK

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Part 3: GridSAFE → EGI APEL

• Development of software for the generation of APEL-summary-job-messages from GridSAFE records

•Submission to the EGI APEL service. This has been tested against the EGI testbed instance of APEL, using example data

• Work ongoing in PSNC, Poland

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To Do:

• Finalise generation of Usage Records from GRAM / LRM logs (BATCH2UR).

• Finalise generation of APEL Summary Job records

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