GRATIA Stakeholder Assessment

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On behalf of U.S. ATLAS

Summary

- The Gratia subsystem provides accounting services to the U.S. ATLAS Operations Program
  - It consists of the necessary data collectors and associated databases and probes.
  - Job record probes exist for all batch systems currently in use at the U.S. ATLAS Facilities
  - Important to U.S. ATLAS is a reliable mechanism for message queuing and delivery
    - Proven implementation in Gratia
- Gratia is a critical component for the ATLAS / WLCG global accounting
  - Accounting records collected by Gratia are forwarded to the EGI accounting system, APEL
- ➢ Gratia works very well for U.S. ATLAS
  - ➢ We will rely on the Gratia subsystem in the future; no changes are foreseen from our side
  - ➢ Thanks to OSG for providing the service

Requests

- Enabling Gratia collectors to function in an arbitrarily deep hierarchy, performing aggregation and/or filtering
    - Includes the ability of a collector to publish to itself, and/or upstream to a higher-level collector