OSG Technology Area Update

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Key Initiatives

- Our current key initiatives:

  - OASIS

  - gWMS usability

  - HTCondor-CE

  - Grid Exerciser

- Note: mostly unchanged since last quarter

OASIS

- Almost completely in operation's hands at this point.

  - Providing advice, solutions (when necessary) and a "guinea pig" site at Nebraska.

- A few minor speedbumps. Perhaps 1-2 weeks behind schedule.

  - GOC has been solving some of the software deploy issues.

  - There may be enough slack in the schedule to "catch up" for the initial release date.

  - Trying to find out what concerns FNAL security team has.

HTCondor-CE

- The pieces done by HTCondor team are mostly done.

- Most of the remaining pieces are OSG effort. I think we're close to schedule. Improvement from last report.

- I see no major deviations from stated work plan.

  - Largest addition is getting a review from OSG security.

gWMS Usability

- (Was: gWMS monitoring). The first round of graphs for production are ready for deploy in the next GOC window (need confirmation from Rob Q).

- We are expanding this task to include usability from the point of view of campuses.

  - Have yet to define concretely what this means, but it will likely include much more direct interaction with the gWMS team.

Grid Exerciser

- We have a design document put together for a new version of GridEx.

- It would be a generic tool, managed via RSV, and usable by any VO.

- Target use cases are to do OSG-wide backfill and to exercise "lightly used" capabilities, such as HTPC for User Support.

Top Concerns

- **Java**: The Oracle EOL for the version of Java we use is end-February. We are not going to be ready.

  - Our Java packages are still below-par quality.

- **Effort**: I have not decided what *not* to do in order to fit in new tasks like gWMS usability improvements and tasks from network area.

- **Cross-CE**: This effort is stuck on glexec issues.

- **Transition**: Have not solved all issues with merge of Software and Technology area.

Other

- RSV still has no owner.

- GUMS transition.

- HTTP / HTCondor work stalled.

- OSG Metrics work is catching up with demand.

- Need to kick off squid monitoring work.