Operations Process
Work Group

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WLCG/OSG/EGEE Operations Meeting
CERN
Intra-VO scheduling: Job Priorities WG

- 2 Solutions (stages)
  - VOMS Groups w/ Long and Short Queues
    - No New Middleware manual reconfiguration
    - Scheme still simple
      - Olympic Model fair share for VO subgroups
        - 50% Gold, 30% Silver, 20% Bronze
  - GPBOX allows priority changing by the VO, without reconfiguration at site level.
    - Can handle more complicated VO requirements
    - Testing at NIKHEF and CNAF
    - Implement on PPS
    - Still a year from being ready not sure if needed. Depends if previous stage works for simpler configuration.

- Deployment problem:
  - Adding subgroups and manual reconfiguration.
  - We need better VO management tools.
Intra-VO scheduling: Pilot Jobs

- Small Job downloads the real job
- Subversion of the RB or just another way to submit jobs?
  - Very difficult to stop without blocking outbound access
  - They might not use CPU time but they can clog a site.
    - Wall clock time accounting rather than CPU time
- glexec
  - Thin Layer to Change ID (Grid Aware suexec)
  - SUID in the hands of the user?
  - Different modes
    - SUID can be turned on and off.
    - More acceptable to sites if SUID set to off?
  - Can VO framework code be certified? (it has to use delegation for this to work)
- 2 months before available for pre-production testing, unknown timeline for production.
Fabric Monitoring - Lemon

- Sites have Preferred Tools
  - Underlying Scripts for Fabric Monitoring
  - Can these existing underlying scripts be shared?
  - Lemon - Alarm system relies on Oracle
    - Sensor scripts for many system stats >300
    - Can it be ported to another DB?
  - Sensors publicly available: good start for a common repository if they can be integrated in other tools.
Top 5 Issues from UK site admins

I. Lack of Quotas on Ses
II. Lack of Code availability
III. Lack of standard format for logging
IV. Lack of failover in user tools
V. Passing of sensible parameters to LRMS

How do these things get fixed?

- Find top 5 from all the ROCs and add them to the deployment issue list on the TCG wiki?
SFTs and Ops VO

- Most Sites reserve a node for SFTs
- Overall useful to the admin
- Most of the time if the SFT fails, jobs will fail
- Ops VO Limited amount of users and only for monitoring
- High Priority
Communication

- OSG to EGEE communication is taking form as more interoperability efforts are taken.

- Communication Site->ROC->Developer is sometimes not made.
  - See Top 5 as an effort by sites to get problems addressed.

- Communication Developer->ROC->Site
  - Sites feel out of the loop until the point of release.

- Does EGEE(OSG) need to formalize sites Top 5 to make sure site administers issues are addressed?