Work Plan in Lyon-CC

Discussion of Computing Environment in Lyon-CC (How to Design, Build and Operate Large Computing Center)

1, MSS
  - HPSS architecture and Performance.
 - Tape Library mgt. (tape pools)
  - Disk servers (Disk pools) (any schedule police among disk servers)
 - Issues and tape maintenance.
 - Backup hardware/software and polices.
   (Usershome directories, DataBases and other important data/software, backup polices – increasing, full, etc)
 - Sharing file system (Lustre / GPFS) – advantages and disadvantages

2, BQS
 - Architecture.
 - Queue and nodes attributes.
 - Information system.
 - Advanced schedule polices.
 - Checkpoint / restart?
 - Healthy Check and alarm of Nodes?
 - Other QOS.

3, Physicists' production, reconstruction and analysis.
  - Home directory (sharing among all computing nodes or scp …)
  - users information mgt. (in central and distributed way).
  - Data access (copy or direct access?), cleaning data on scratch dir when job finished?
  - User analysis environment (how to copy data to destination nodes when mass jobs submission?).

4, User Supports and Technical Support
 - Coverage (Experimental software installation, setup and how to use, and find potential users ?).
 - Staff dedicated to experiment.
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5, Machine room mgt.
 - Procedures management of Machine and UPS and air conditions, etc.
 - Various Machines' root password.
 - Emergency.

EGEE/WLCG/Glite Operation/Development (Further cooperation?)
1, Site management and experience.
  - Queuing issues.
  - T2 operations.
  - SE backup or not?
2, Technical Support from Frence?