

Deploying gLite at NGS sites?

Hardware:

- One server for CE & MON (on same host or xen guests): standard install with minor tweaks
- Use GridPP site SE if available or see Jens' talk for full story

• gLite deployment:

- Allow CE to submit (cancel) jobs to batch system and query status (e.g. admin 3 access in Maui) + specific scheduling
- rsync (stripped) batch system logs to CE for accounting
- Use gLite relocatable distribution for (SL4) workers
 - Need to create >1000 pool accounts (e.g. with uids > 100000)
 - Need a shared fs visible from workers with middleware, poolaccounts and VO software areas (ideally >200GB)
 - cron for updating CRLs (just on one box), plus cron to clean up pool accounts



Policies

- Ensure agreement between GridPP & NGS & IS SLA
- Security:
 - EGEE: e.g. process accounting and log retention
 - Universities (security) policies? E.g. Birmingham eScience:
 - iptables on every worker:
 - Have to allow outgoing connections, but log all SYN outgoing packets (~15MB/month/WN)
 - Block outgoing ssh but to a handful of hosts
 - Only allow scp with specific options to CE
 - Block outgoing connection to University, but to a few services on Campus