

Virtualisation for WLCG

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- Enable experiments/users to choose environment for job execution.
- Ensure sites have control/traceability over resource usage.

- Repeated GDB presentation of 9th September
 - Same slides & steps
 1. Users choose between virtual images created locally
 2. Distribution of virtual machine images between sites
 3. Distributed image includes experiment software
 4. Distributed image connects to pilot job framework
 5. Pilot job frameworks replaced by commercial/OS sol^{ns}
 - But different words...
- Warmer reception to idea of running remotely generated images than in Umeå
 - Working Group established to see this a reality by end-2010

- Verifiability/Trust of image generation and transmission
- Contextualisation
- Efficiency of transmission
- Multi-hypervisor support

- Many Tier2s concerned about overhead, especially if they don't control (all) resources
 - Cannot assume that all WNs will be virtual
- Need progress on ways to express resource requirements (and transmit to sites)
 - Environment(s) acceptable (real or virtual)
 - #cores
 - other? (in addition to CPU/memory/...)

