

Infrastructure Models

LHCb Input



CPU & Storage

- The majority of CPU work executed will be for Simulation
 - Perfect use case for e.g. cloud extensions with CPU only – no input files, upload to “close” storage
- Currently using disk storage on T0/1 sites and selected small number of T2s
 - Fine to go to few large storage sites
- Virtualized extensions (commercial or not) of compute resources
 - Minimize the number of interfaces for IaaS resources
 - VMs under the responsibility of the VO shall be the same everywhere
- Some groups already using local GPU resources for high level analysis jobs (eg with GooFit) so could use GPU capacity. Will increase?