Fermilab

DB TEG discussion guide

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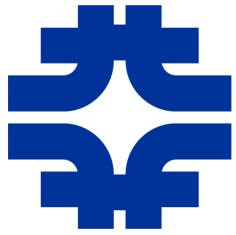
Squid Monitoring

- Site squid monitoring should be WLCG responsibility – multi-experiment, multi-app
  - WLCG Frontier monitoring, only basic
- Should we set up a task force to figure out how best to integrate with current WLCG monitoring?
- Don't want to give up detailed performance info now plotted with MRTG
  - Done by SNMP polls every 5 minutes
  - How to store information about address of each squid? ATLAS now storing in AGIS, CMS ad-hoc but audited against CVS checkins of site configs

Squid Discovery

- Need standard method for jobs to discover squids at site
    - Agreement on an environment variable would be simplest, but maybe should use information system
    - Should distinguish between squids for production or opportunistic use
    - Squid addresses related to monitoring but not necessarily the same due to private networks and round-robins
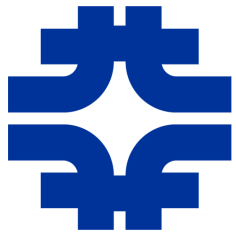
Hadoop HBase

- Hadoop HBase is the most promising of the NoSQL database technologies
    - Most scalable, robust, plus has powerful MapReduce features
    - Also has SQL add-on interface
    - CERN IT is setting up a cluster, who knows the details of that?