Databases Services on the NGS and GridPP

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Database Services Intro

- 4 man team
- Work with everything database related
  - Specification
  - Implementation
  - Administration
  - Testing
  - Training
- Not just Oracle!!

DBS on the NGS

- Currently the NGS offers database services at two sites:
  - Manchester – Single Node DB
  - Rutherford – 2 Node Cluster DB

- Services offered Externally to users:
  - Large Storage capacity
  - CPU to query all this data
  - High availability

- Services offered Internally to NGS:
  - Inca, UAS, SRB

DBS on the GridPP

- **How many?**
  - 8 Databases
  - 19 Nodes
  - Single Site

- **GridPP applications:**
  - 3D: 2 x 2 Node Cluster
  - FTS: Single Node
  - LFC: 2 x Node Cluster
  - CASTOR: 2 x 5 Node Cluster and 2 Node Cluster

Plans for the future

- **Expand on different Databases**
  - Don't just limit ourselves to a single name brand

- **Upgrade what we do have**
  - Recently upgraded Castor databases from 10.2.03 to 10.2.04
  - Currently migrating NGS users to 10.2.03 to 11
  - Look at doing the rest……

- **Outreach to more users**
  - Find out if we can offer users more