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Oracle@CC for Atlas

- Oracle is one of the base service provided by CC-IN2P3 to its customers :
 - more than 10 years of production (from Oracle 6 to 10g)
 - used for internal purposes :
 - DNS, Users DB, EDMS, ...
 - and external ones :
 - Experiments : Antares, Opera,...
 - LCG Exps
 - LCG/EGEE Middleware: FTS, LFC,...

- 1 Oracle 10g R2 (10.2.0.3) RAC
- 7 nodes
 - Sun OS (5.9 - 64 bits)
 - 4 procs nodes (V480 and V440)
 - 16 GB RAM
- SAN Storage (typically StorEdge 3510)
 - 2.2 TB (by now). Double in the next 2 monthes.
- Redundants FiberChannel switches

- Like all others CC-IN2P3 services, Oracle is a shared one :
 - no dedicated servers : CPU, disk space are shared
 - but, depending on the requirements, dedicated DB instances are set up
 - and we constantly increase the resources :
 - more disks,
 - more CPU,
 - more nodes,...

- 3 of these 7 nodes are dedicated to LCG 3D
 - 1 DB for LHCb and 1 for Atlas are spread upon those nodes (ie. 12 CPU)
 - 1 TB of disk space
 - 8 GB RAM per instance
 - distinct Oracle software
- AMI