



FIO

Fabric Infrastructure  
and Operations

CERN IT  
Department

# Service Changes for an extended shutdown

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- “Foreseen Changes”
- CASTOR Issues
- CERN Infrastructure

- Worker nodes migrated to SL(C)5
  - @ CERN
    - all new hardware to be installed with SLC5
    - rapid migration of existing nodes once certification complete
- FTS 2.1 deployment
  - @ CERN
    - Will test on SLC5, but priority is for deployment of FTS 2.1, not for migration to SLC5 platform.

- SRM stability
  - Focus on deployment of CASTOR SRM 2.7
    - Delay (full) implementation of purgeFromSpace until CASTOR SRM 2.7 fully in production
- @ CERN
  - Deploy 2.1.8 on all instances
  - Support for quota on analysis instance from January
  - Strong authentication enabled, but perhaps only fully implemented on analysis instance

- Aggressive repack of media to high density format (3592C, T10KB)
  - drive dedication
    - but can free drives if tape queues build up.
- Transform all IBM robots to full-length, high-density models
  - 1-2 day interruption per robot
- Migrate disk and tape server infrastructure to SLC5
  - Certainly for new hardware
  - Migration of existing servers is disruptive (requires drain and re-install).

