LHCb DB Requirements and Work Plan

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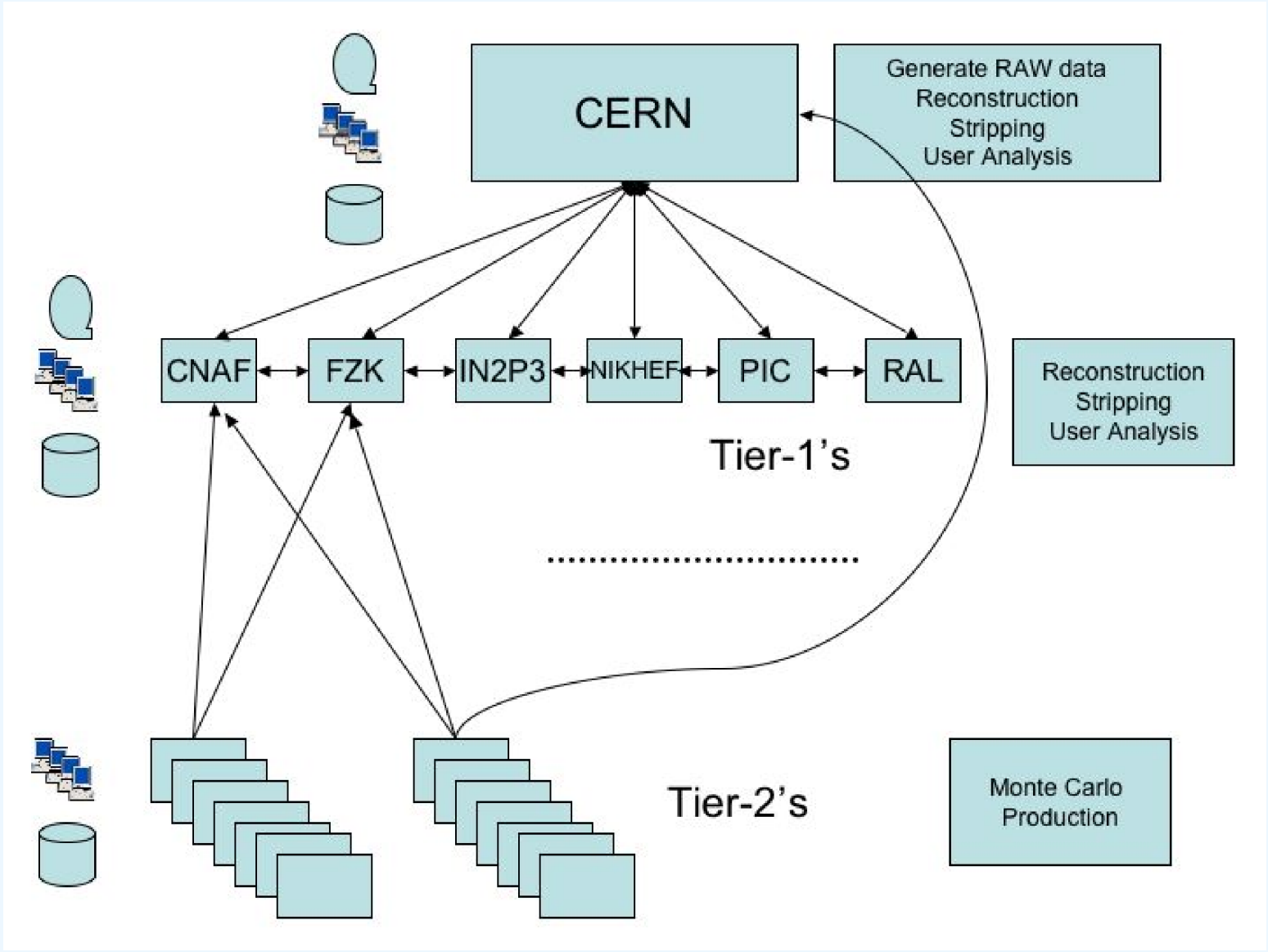
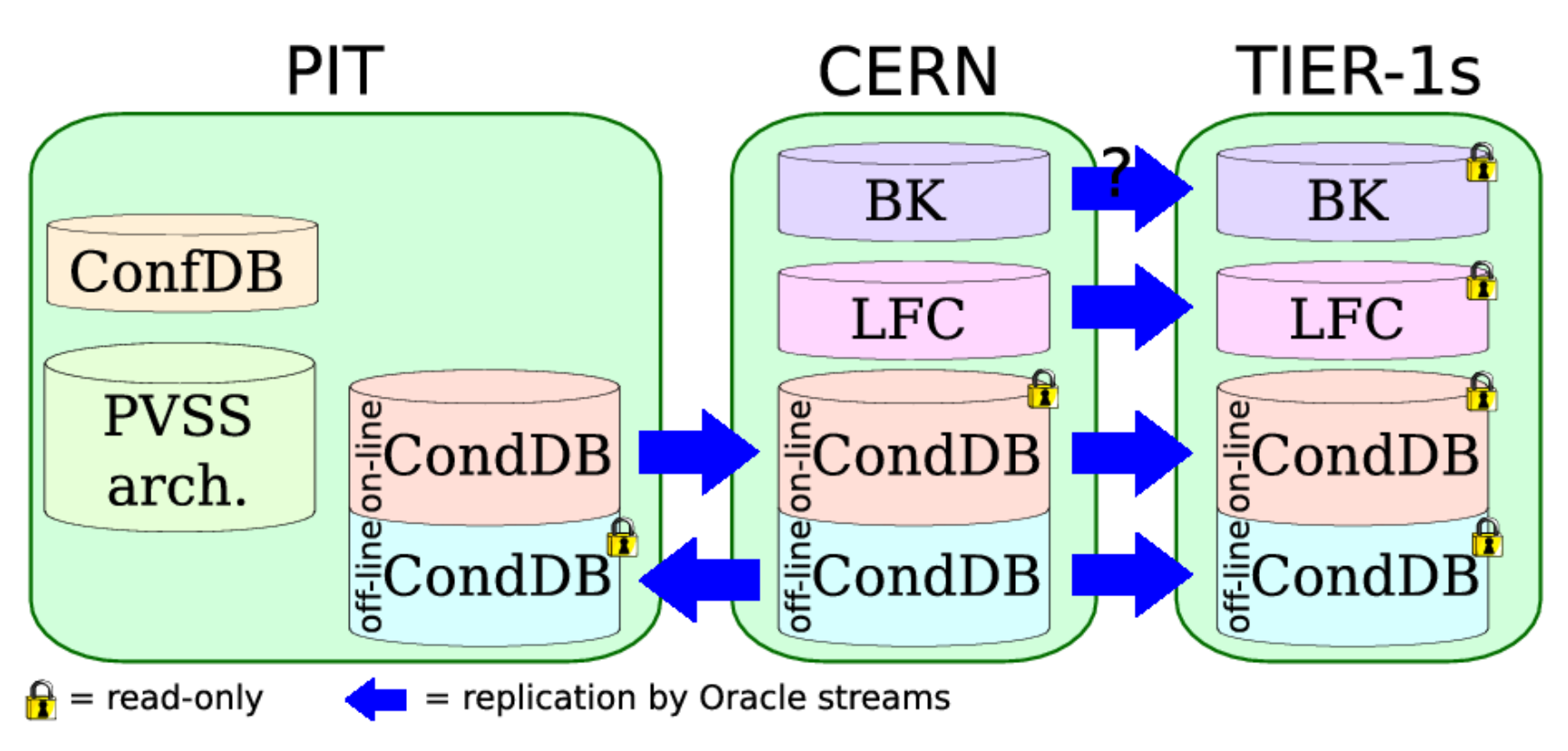
Overview

- Introduction
- Requirements
- Plans for Jul-Oct
  - CondDB
  - LFC
- Production Phase
- Conclusions

Introduction – Computing Model

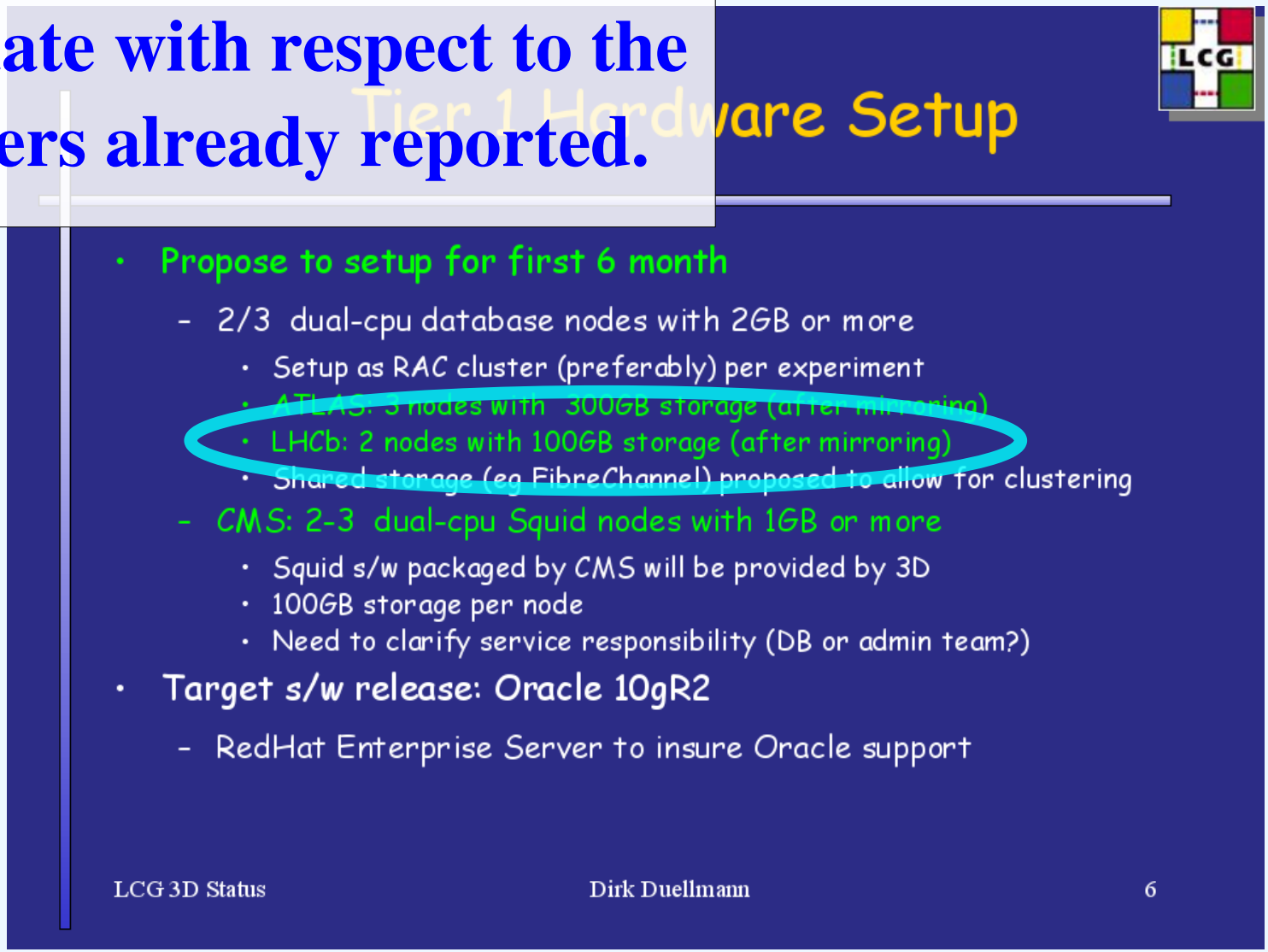


Introduction – DB Deployment



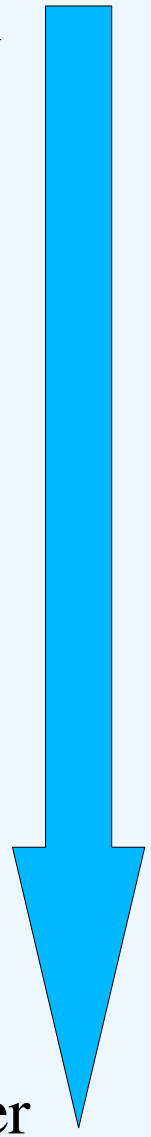
Requirements

No update with respect to the numbers already reported.



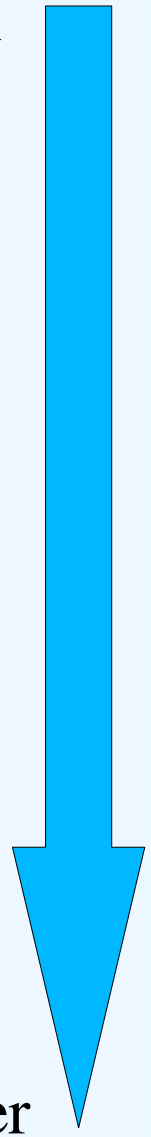
Work Plan - CondDB

- Set up streaming to Tier-1s
- Test the replication Tier-0 → Tier-1s
- Set up streaming between a LHCb managed RAC (Online) and the CERN one
- Test replication
  - CERN → Online
  - Online → CERN → Tier-1s



Work Plan - LFC

- Replication tests ongoing
  - CERN → CNAF
- Large scale tests using available Tier-1s
  - LFC setup at Tier-1s
  - Oracle streaming setup



Production Phase (October)

- CondDB and LFC up and running
  - Master copy at CERN
    (RAC in the PIT will not be ready before end of the year)
  - Replicas at Tier-1s
  - GRID access

Conclusions

- Provided resources are enough for start-up
- Setup and tests should expose problems or limitations
- September deadline for corrections to the requirements should be ok