

Database Readiness Workshop

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LHCb Database Software Status

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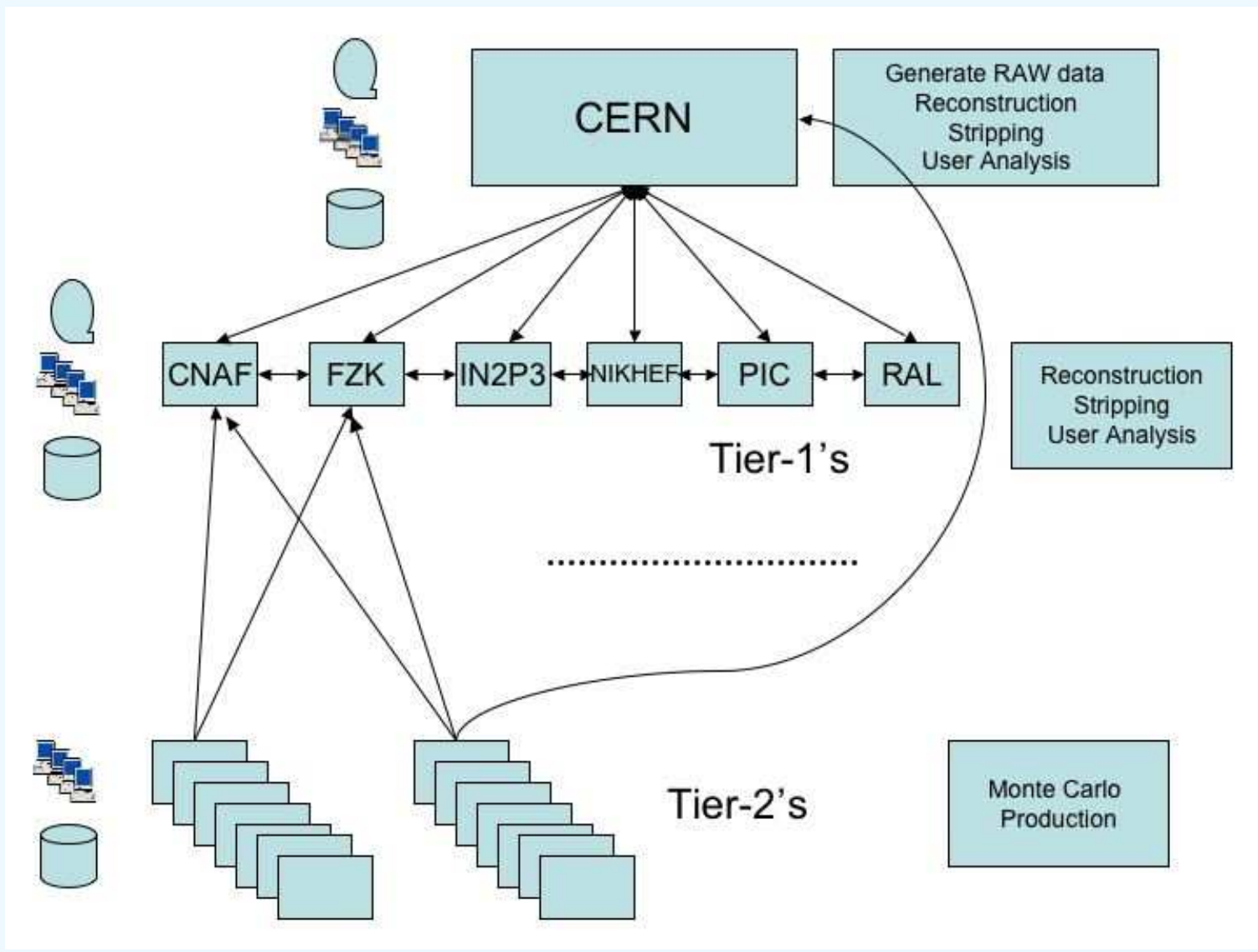
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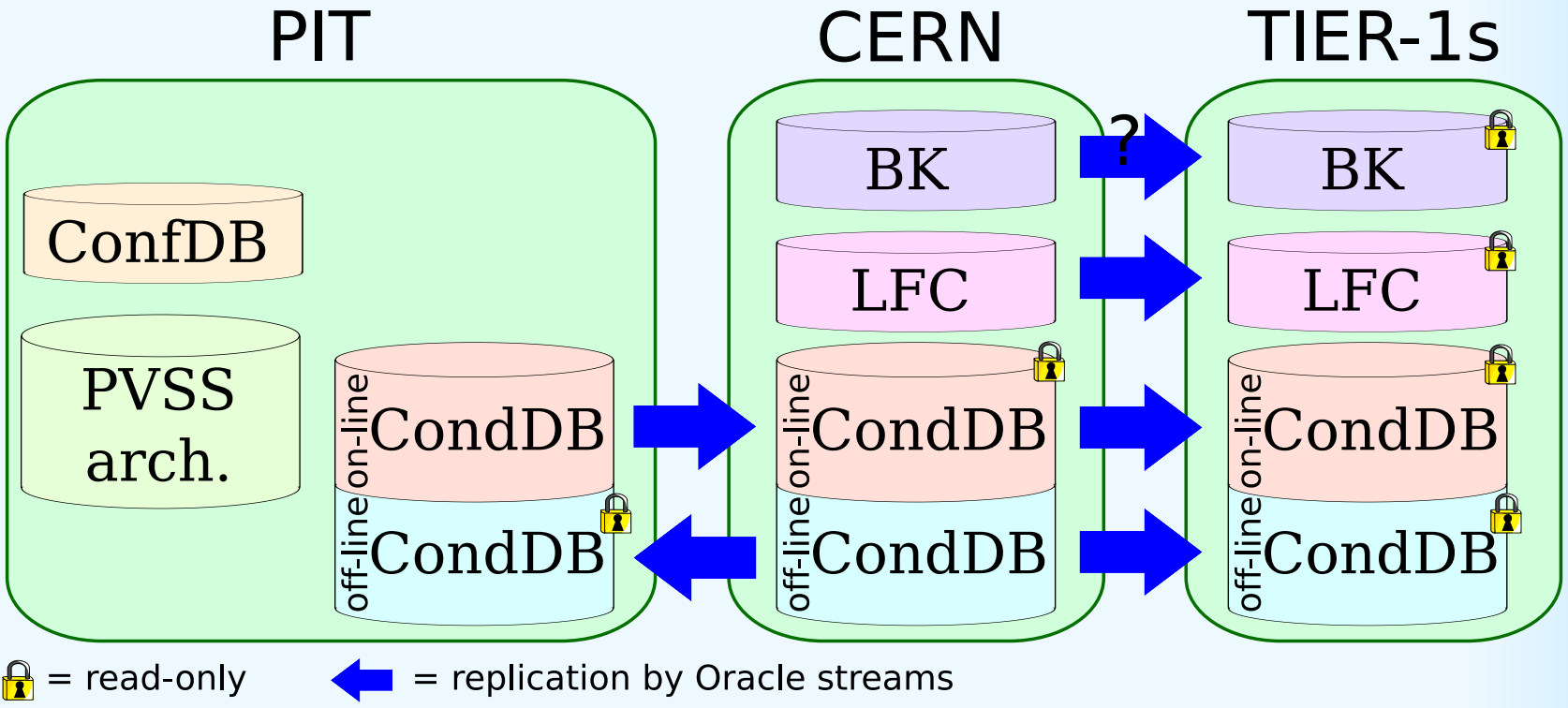
- ▶ Reminder
 - ▶ Computing Model
 - ▶ Deployment Plan
- ▶ Status of Applications
 - ▶ Conditions DB (COOL)
 - ▶ LCG File Catalog
 - ▶ Book-Keeping Database
- ▶ Summary

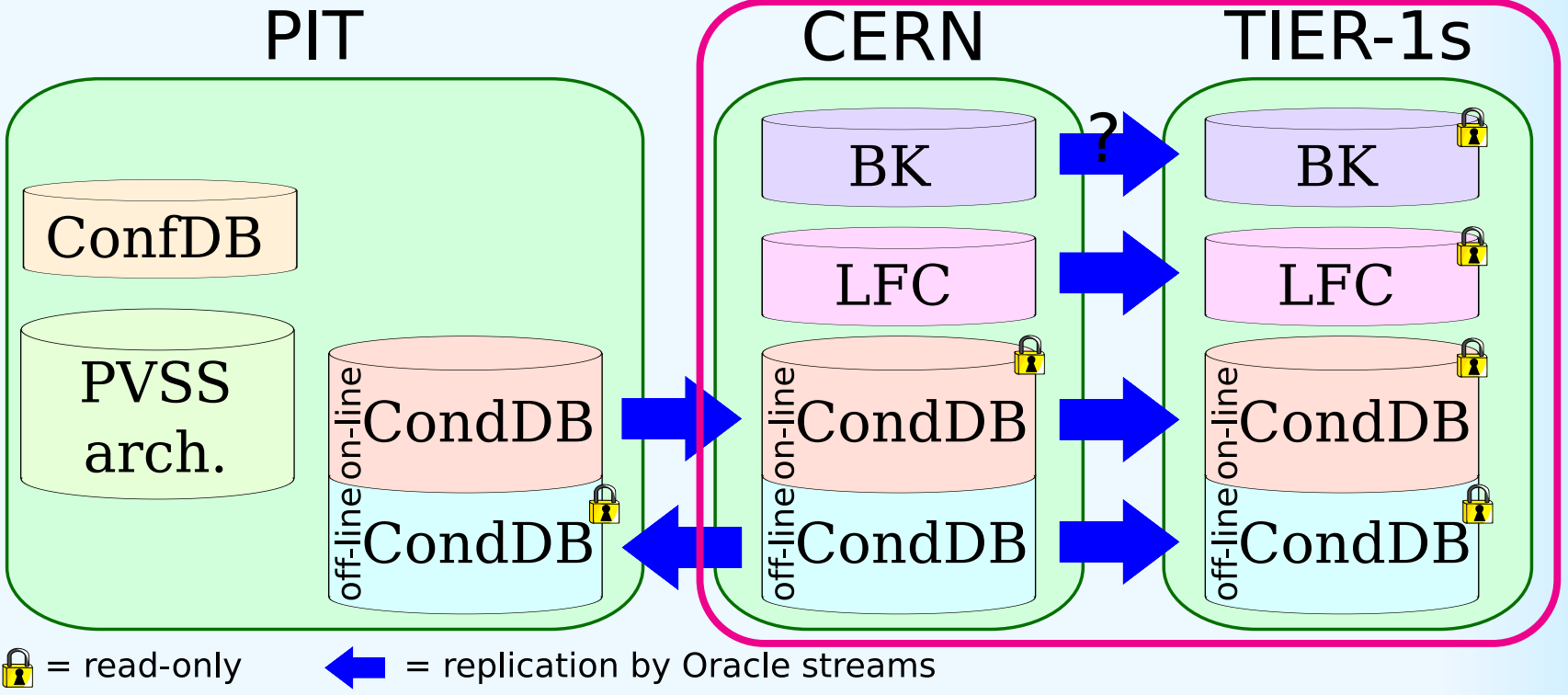


Reminder

Computing Model









Status of Applications

- ▶ LHCb Infrastructure:
 - ▶ **ready!** (limited to COOL status)
- ▶ Concrete Data
 - ▶ not yet defined
(lot of developement ongoing)
- ▶ Validation
 - ▶ some perfomance tests done
results to be analized in detail
 - ▶ replication tests ongoing
Oracle stream configured between CERN and RAL is working well

Conditions Database (COOL) cont.

- ▶ Feedback to COOL development:
 - ▶ Tagging support is *preliminar*
→ we need something usable

- ▶ Status
 - ▶ being tested
 - ▶ developement ongoing (together with LCG)
 - ▶ getting ready for SC4
- ▶ Concrete Data
 - ▶ not yet defined
- ▶ Replication
 - ▶ possibly 2 copies at CERN (one r/o)
 - ▶ read-only copies at Tier-1s

- ▶ Status
 - ▶ fully functional
 - ▶ native Oracle implementation
 - ▶ migration to AMGA under investigation
 - ▶ a revision of the schema is foreseen
- ▶ Concrete Data
 - ▶ currently ~15-20GB
 - ▶ ~200GB needed at LHC start
- ▶ Replication
 - ▶ no replication to Tier-1s foreseen



Summary

- ▶ Software status
 - ▶ well advanced...
 - ▶ ... but not yet ended
- ▶ SC4
 - ▶ only LFC will be tested