



# STREAMS Production Setup @ CERN

Database Readiness Workshop - 6 February @ CERN

Eva Dafonte Pérez

# [ Agenda ]

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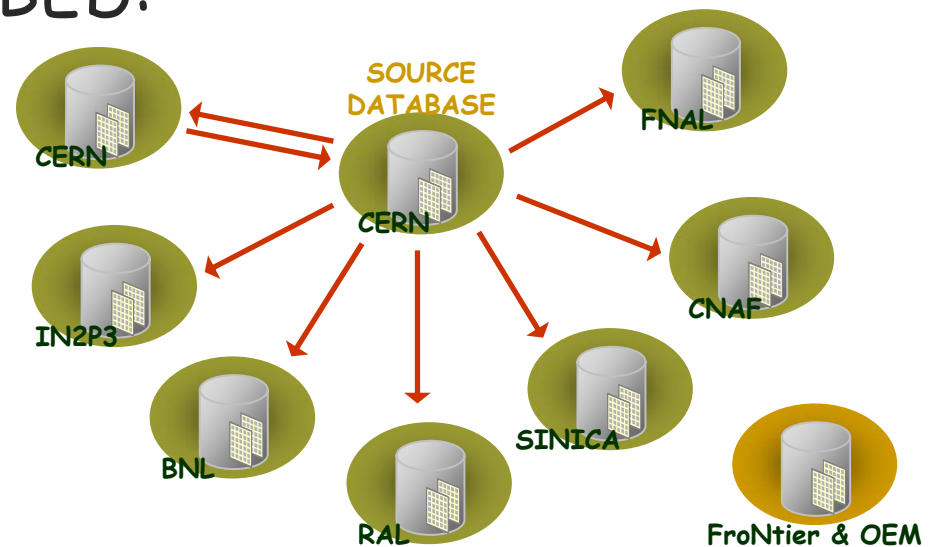
- TESTBED Configuration
- STREAMS on the TESTBED
- Actual configuration PROBLEMS
- STREAMS log mining configuration survey



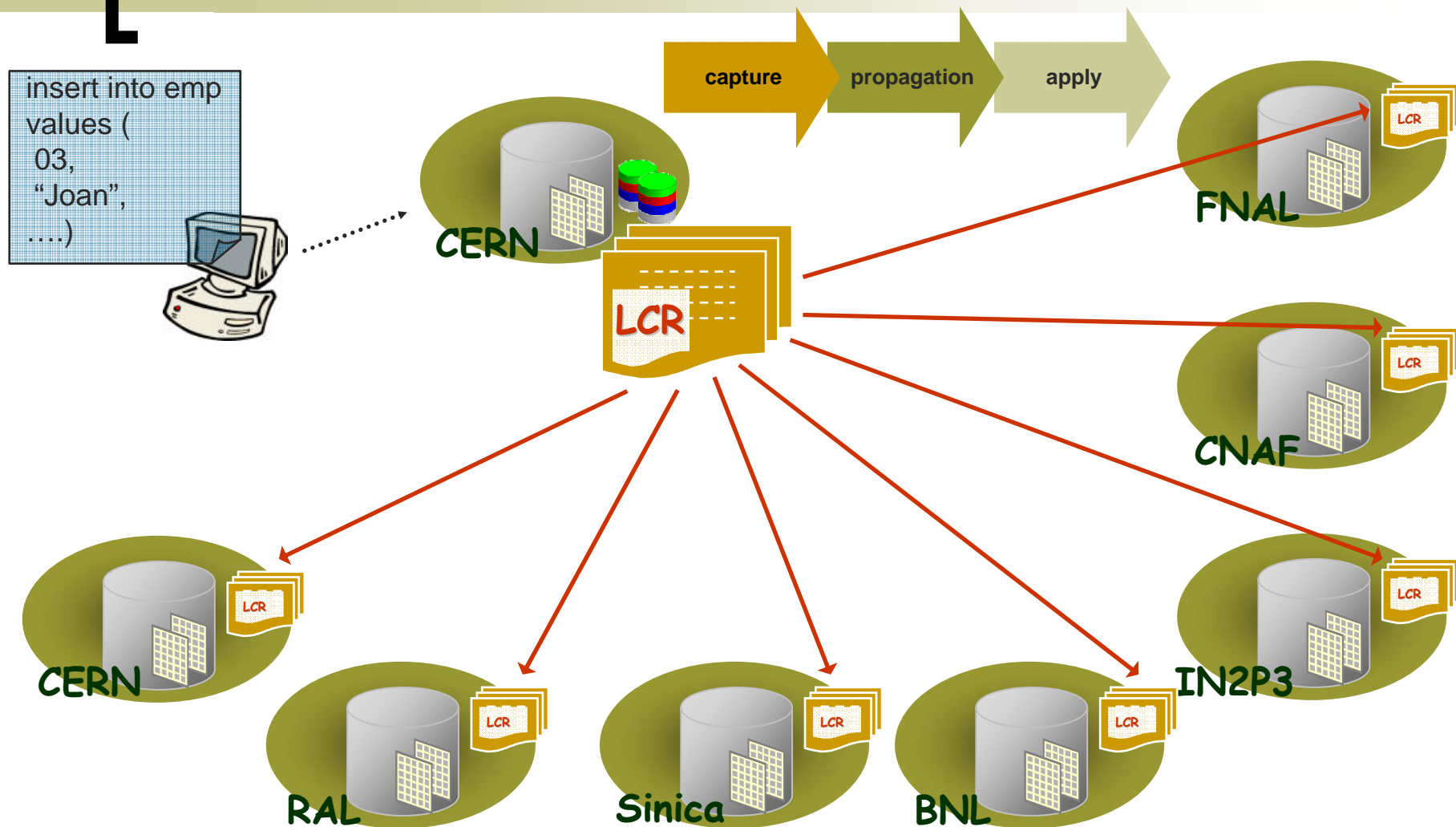
# TESTBED configuration

- 10GR2
- Sites on the TESTBED:

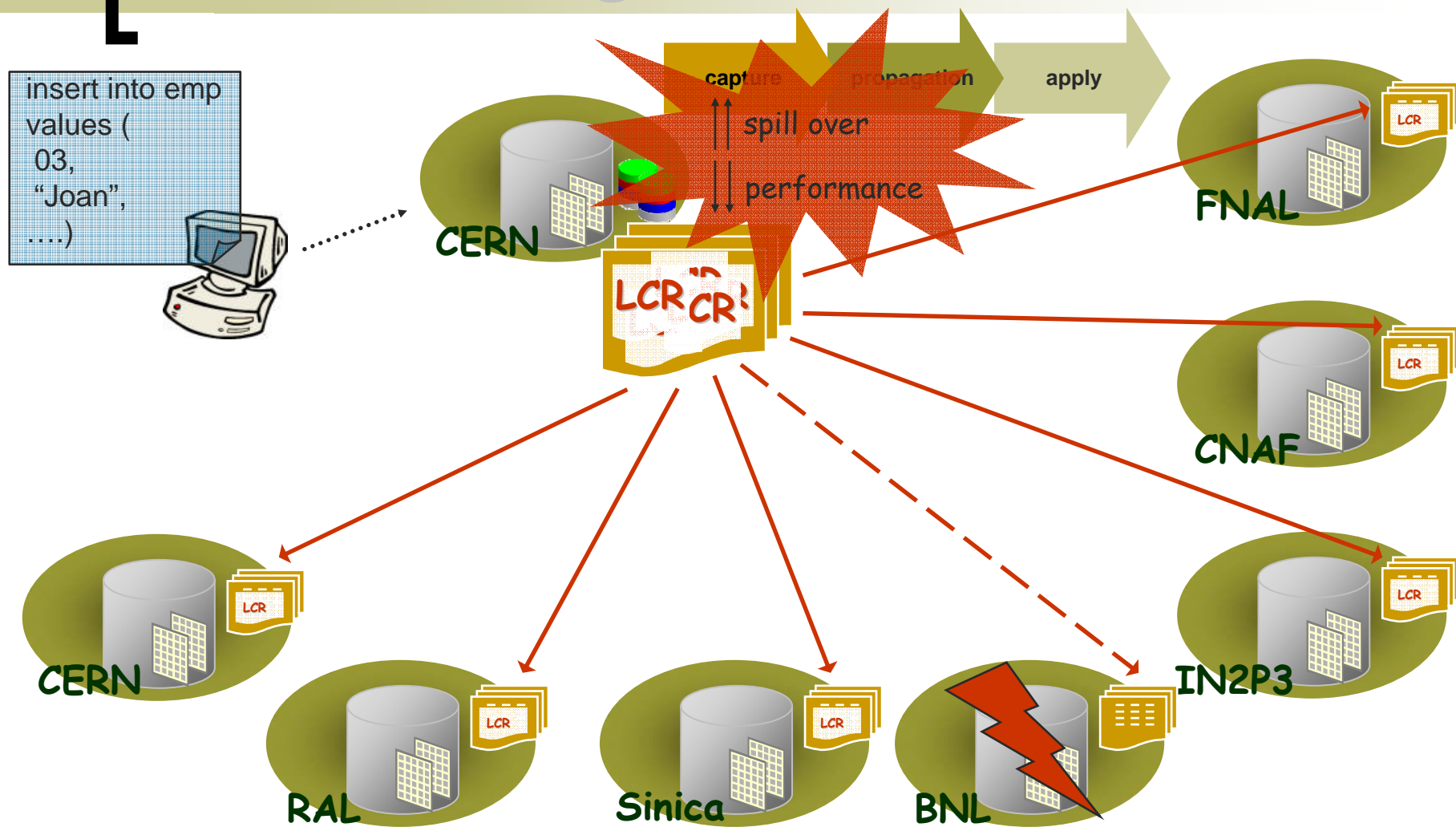
- FNAL
- CNAF
- RAL
- SINICA
- BNL
- IN2P3
- *GridKa - will re-join testbed as soon as the network problems will be solved*



# STREAMS on the TESTBED



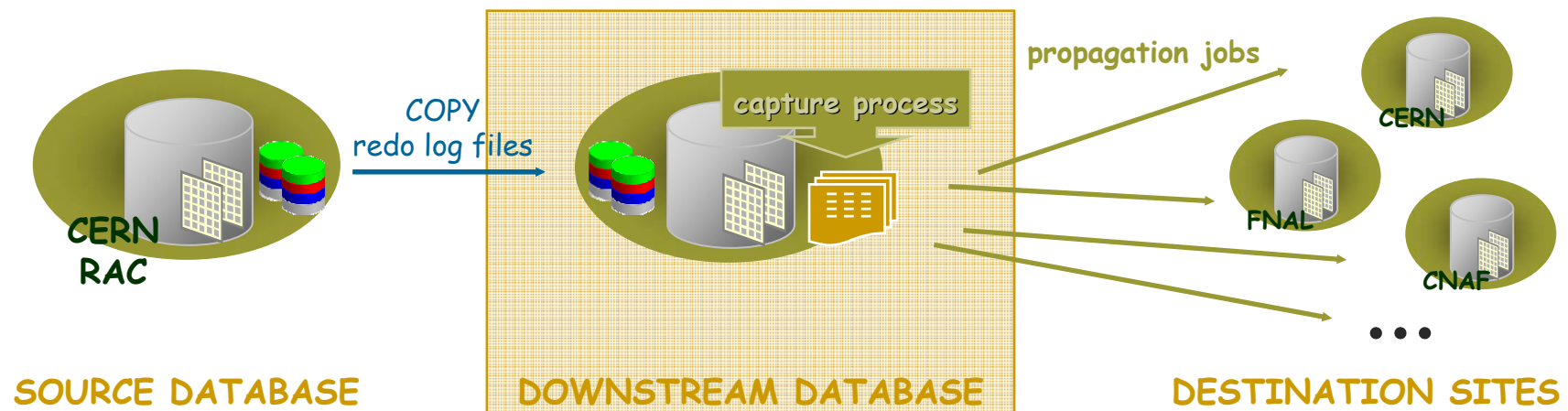
# Actual configuration PROBLEMS



# [ STREAMS log mining survey (I) ]

## ■ Objectives

- Source database (CERN) isolation
  - capture process runs on a different database
  - redo log files are copied from source to downstream
  - use of fewer resources and data loss protection
  - definite latency in the replication process

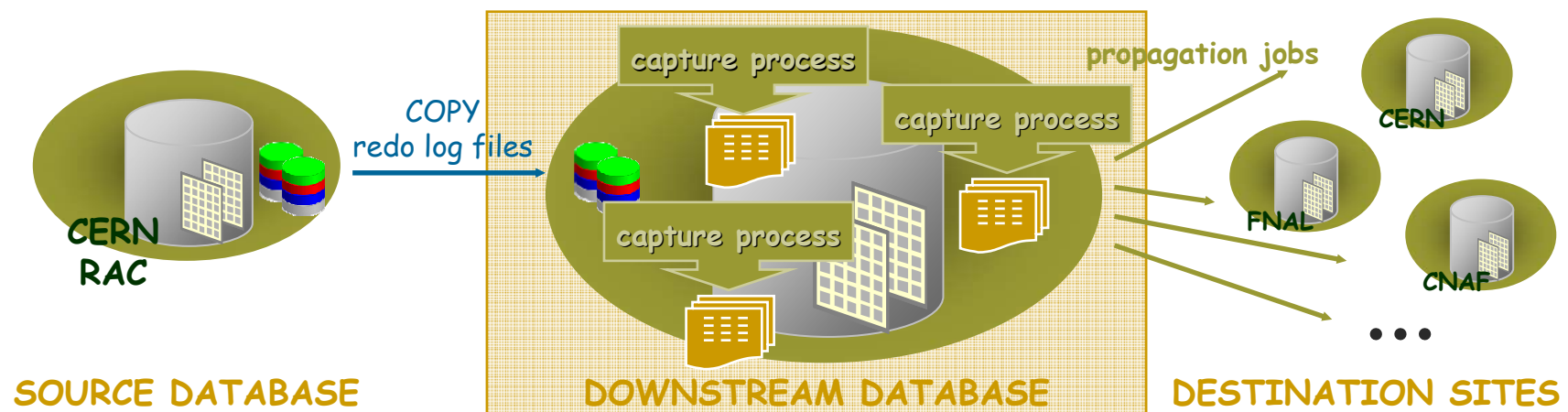


# [ STREAMS log mining survey (II) ]

## ■ Objectives

### 2. Replica sites isolation

- pair capture process + queue x each target site
- big Streams pool size
- redundant events ( x number of queues)



# [ Questions & Answers ]

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