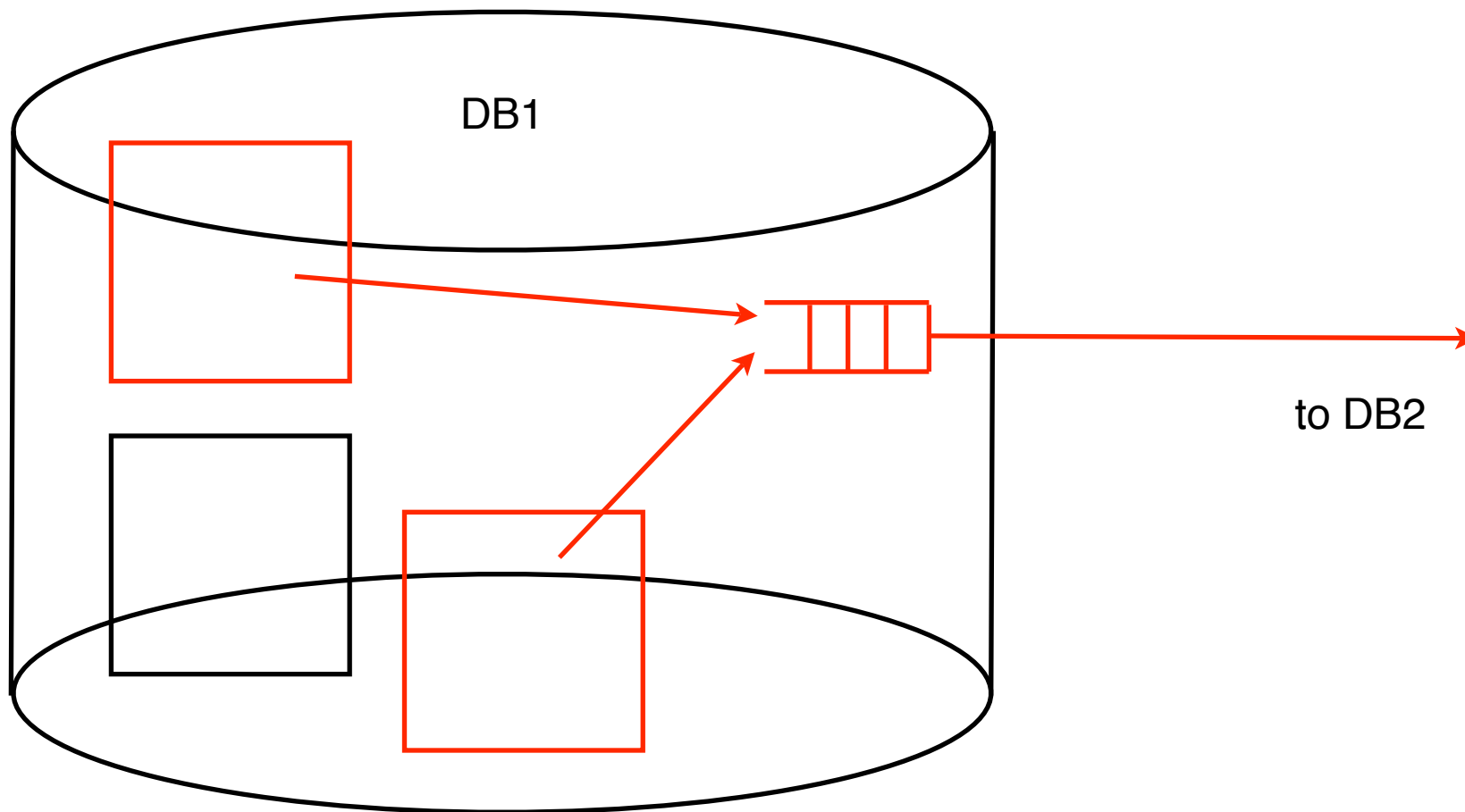# Exam

- Take-Home
  - Available: 13 May
  - Due: 20 May in CMS

- Same Rules as Prelim:
  - Open books, notes
  - Discussion okay
    - writeup reflects your own understanding
    - credit the people you discussed with

Exam

- Cumulative
- Emphasize material not covered in prelim
  - (High level) patterns
  - (Low level) implementation strategies
  - Failures
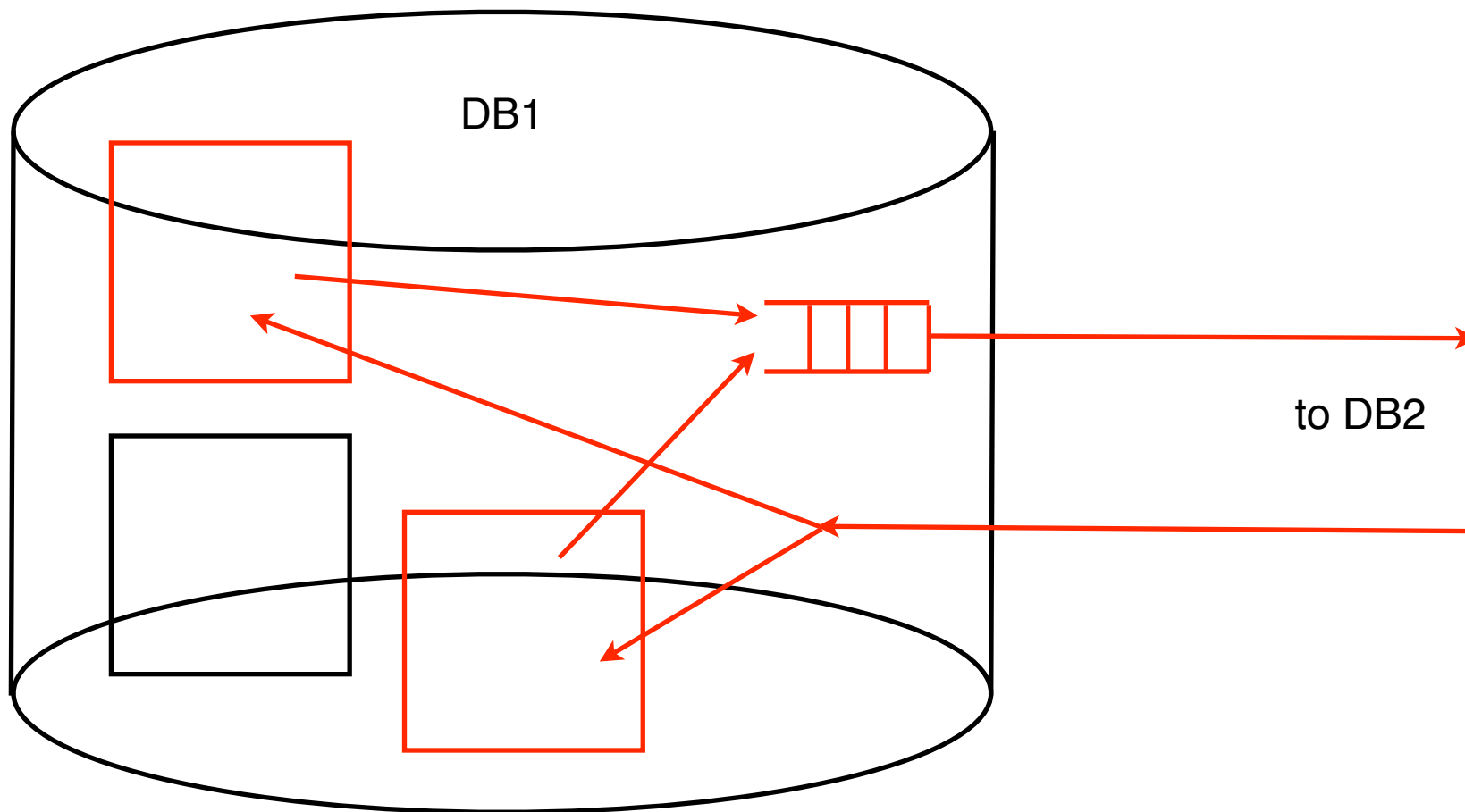 - Security issues
  - etc

- Oracle Advanced Replication
  - installed
  - documentation available
    - at OTN website
    - (just replication) pdf on course website
- Security?
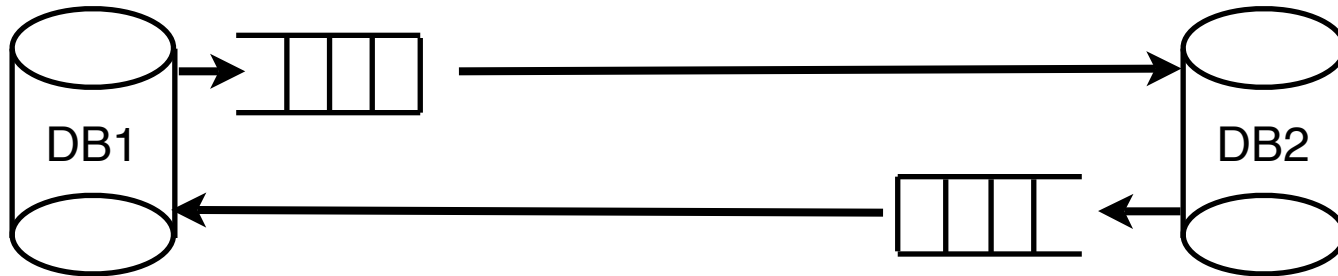
Replicate Some (but not all) Data

- A box is a table or a *replication group* (schema)

Replicate Some (but not all) Data

DB1

to DB2

- Updates go in both directions

- One queue at source for each destination
  - no matter how many tables/schemas are being replicated!
- Who has admin rights to configure replication?
- Who has INSERT privileges in queue?
  - a *serious* security concern!

Admin Rights

- Who has admin rights to configure replication?
  - The DBA (Adrian!)
  - Not you!
- Sorry about that ...

Workaround

- Multi-Master Replication is installed and working

- You create a script
  - to create a "master repgroup" and replicate it between the two sites

- Adrian will run it