



# Dynamic Data > Main Challenges

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- Fast boot
- Garbage collection
- Persistence
- Replication performance
- Network efficiency



# Dynamic Data > Challenges

## Fast Boot / catchup

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For a new replica entering the network, replicating the entire history for CmRDTs is not scalable.

- Use consistent snapshotting? How?
- Use  $\partial$ -CRDTs instead (and loose implicit op history and authorship)?