

Kafka Exactly Once Semantics

This is a space from which to link to pages related to Kafka's exactly once semantics.

KIPs / Design docs

- [KIP-98 - Exactly Once Delivery and Transactional Messaging](#)
- [Exactly once detailed design doc](#)
- [Exactly once perf numbers](#)
- [KIP-185: Make exactly once in order delivery per partition the default producer setting](#)
- [KIP-129: Streams Exactly-Once Semantics](#)

Implementation notes

- [Kafka Exactly Once - Solving the problem of spurious OutOfOrderSequence errors](#)
- [Kafka Exactly Once - Dealing with older message formats when idempotence is enabled](#)