

Kinesis Producers

- Puts data records into data streams
- Data record consists of:
 - Sequence number (unique per partition-key within shard)
 - Partition key (must specify while put records into stream)
 - Data blob (up to 1 MB)
- Producers:
 - **AWS SDK:** simple producer
 - **Kinesis Producer Library (KPL):** C++, Java, batch, compression, retries
 - **Kinesis Agent:** monitor log files
- Write throughput: 1 MB/sec or 1000 records/sec per shard
- PutRecord API
- Use batching with PutRecords API to reduce costs & increase throughput