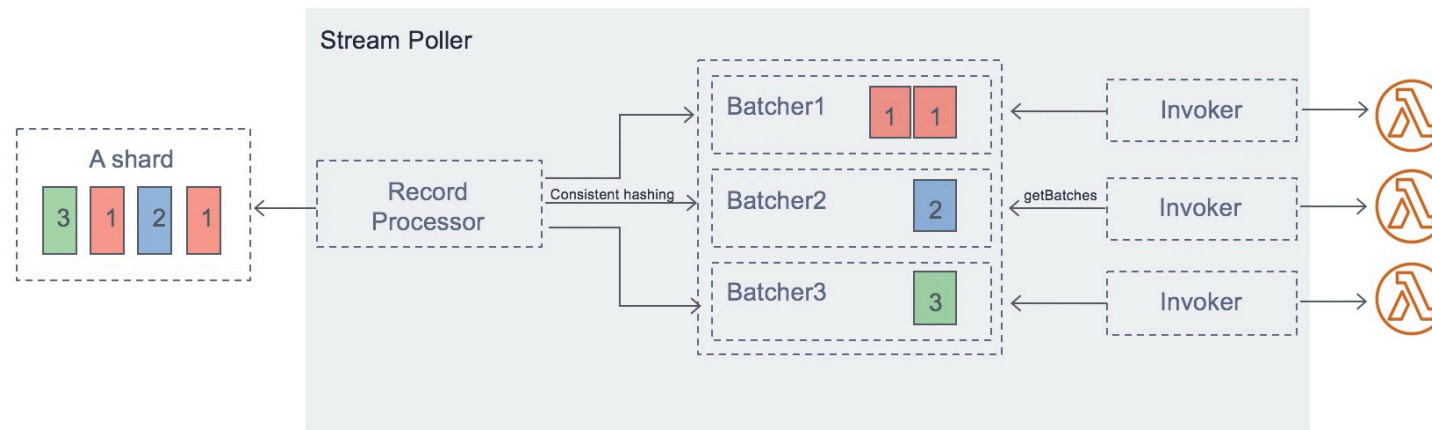


# Streams & Lambda (Kinesis & DynamoDB)

- An event source mapping creates an iterator for each shard, processes items in order
- Start with new items, from the beginning or from timestamp
- Processed items aren't removed from the stream (other consumers can read them)
- Low traffic: use batch window to accumulate records before processing
- You can process multiple batches in parallel
  - up to 10 batches per shard
  - in-order processing is still guaranteed for each partition key,



<https://aws.amazon.com/blogs/compute/new-aws-lambda-scaling-controls-for-kinesis-and-dynamodb-event-sources/>