Event processing using a message queue approach

mobile client

Push Event

mobile client

Push Event

mobile client

Push Event

Message Queue Service

Pull Events

Event Processor Service

Store Data

Data Storage
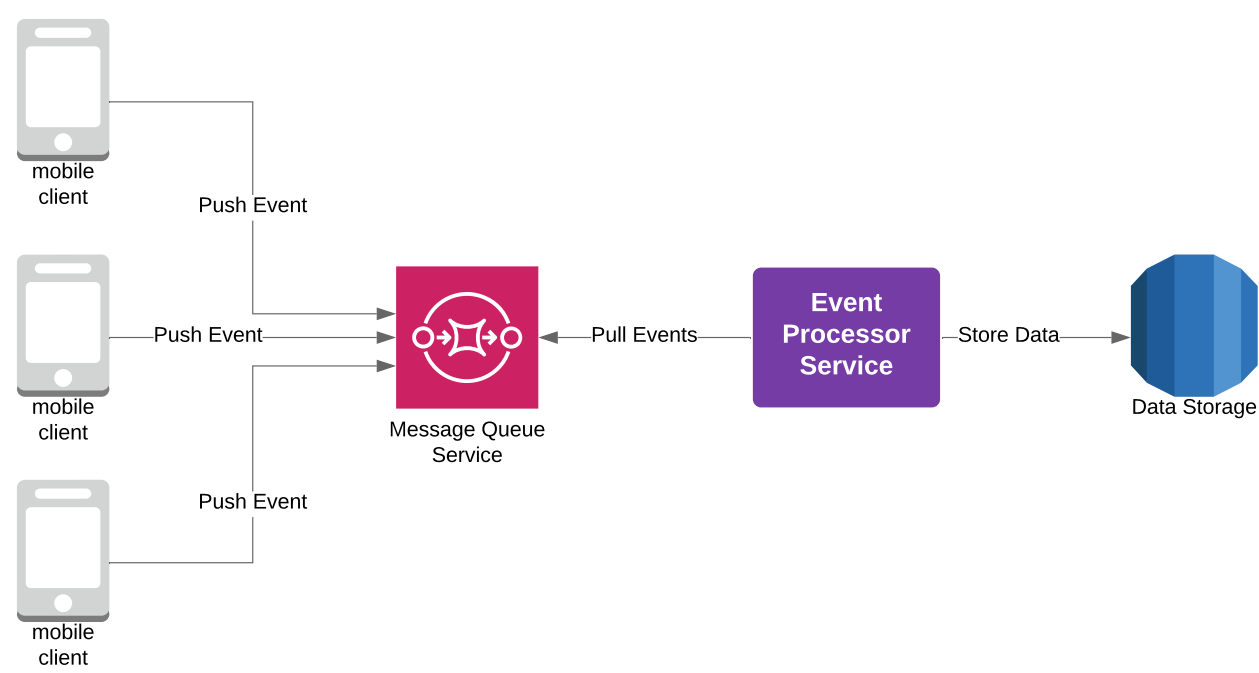
Event processing using a streamming platform (Kafka or Kinesis)

mobile client

Push Event

mobile client

Push Event

mobile client

Push Event

kafka

amazon KINESIS

Pull Events

Event Processor Service

Store Data

Amazon RDS
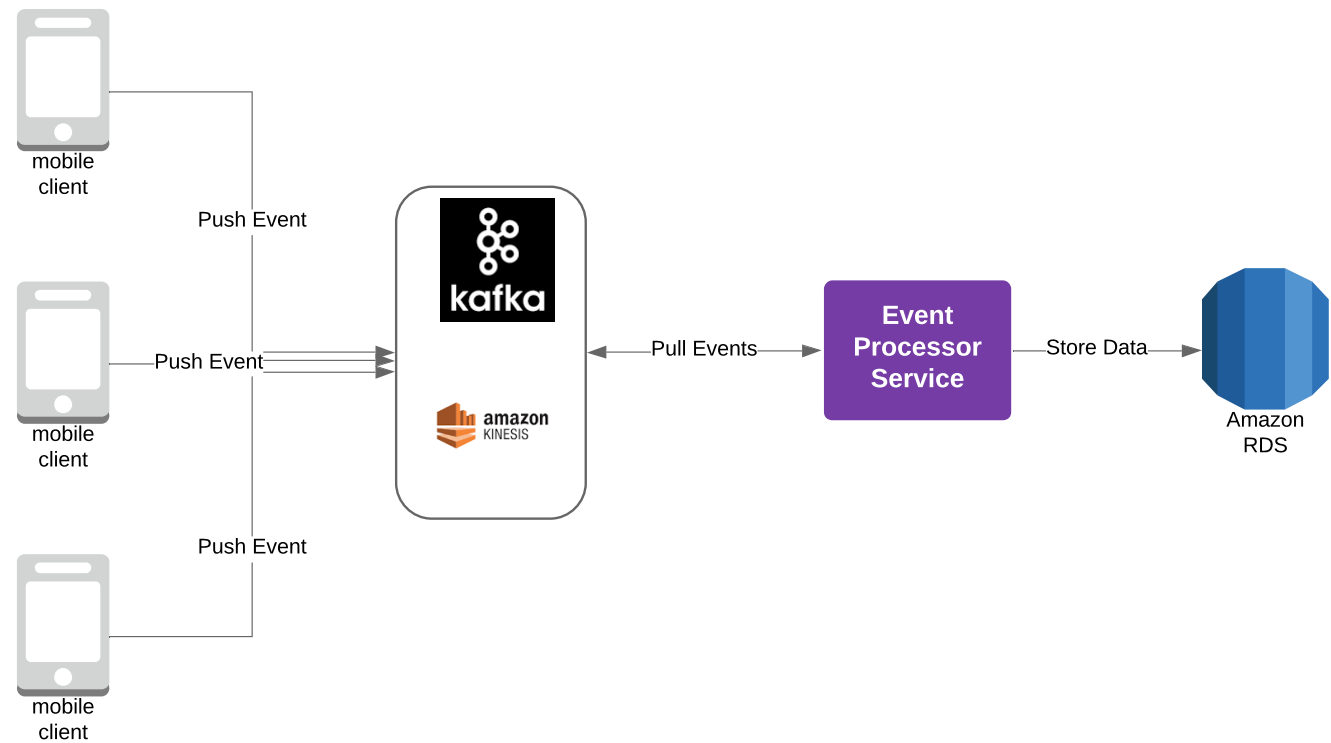
Event processing with several queue (scale) and lambda functions as the event consumers

mobile client

Push Event

Amazon SQS

Process Event

Lambda function

mobile client

Push Event

Amazon SQS

Process Event

Lambda function

Amazon RDS

mobile client

Push Event

Amazon SQS

Process Event

Lambda function