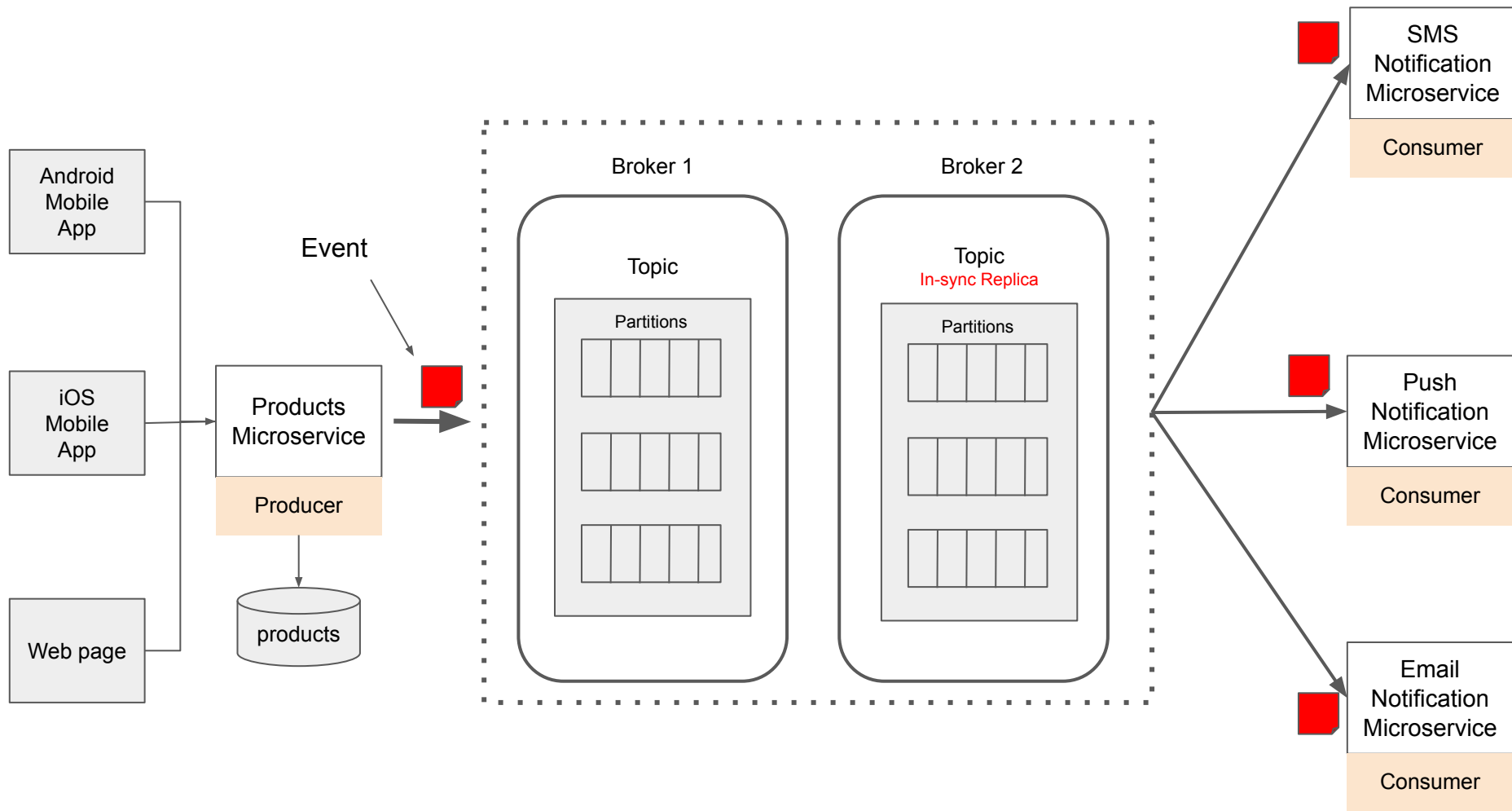


# Messages and Events

Introduction



# What is an Event?

In Apache Kafka, an event is an indication that **something has happened**.

- UserLoggedInEvent
- ProductCreatedEvent,
- OrderCreatedEvent.

<Noun><PerformedAction>Event

ProductCreatedEvent

ProductShippedEvent

ProductDeletedEvent

# Message vs Event

```
{  
  "productId":"852e4839-8db7-4e85-809b-80064674ec2d",  
  "title":"iPhone 15","price":1129,  
  "quantity":19  
}
```

Kafka Message

Key-Value pair

Key (Bytes)

- String,
- JSON,
- Avro,
- Or null.

Event (Bytes)

- String,
- JSON,
- Avro,
- Or null.

Timestamp

Headers

852e4839-8db7

