

The background image shows a modern building with a wooden facade and large windows. In the foreground, there is a large, rectangular water feature with several small fountains. The scene is set in an urban environment with trees and a clear sky.

Messaging services at Nedap

Mark Banierink, Martijn Slot en Anne-Greeth van Herwijnen

Assignment

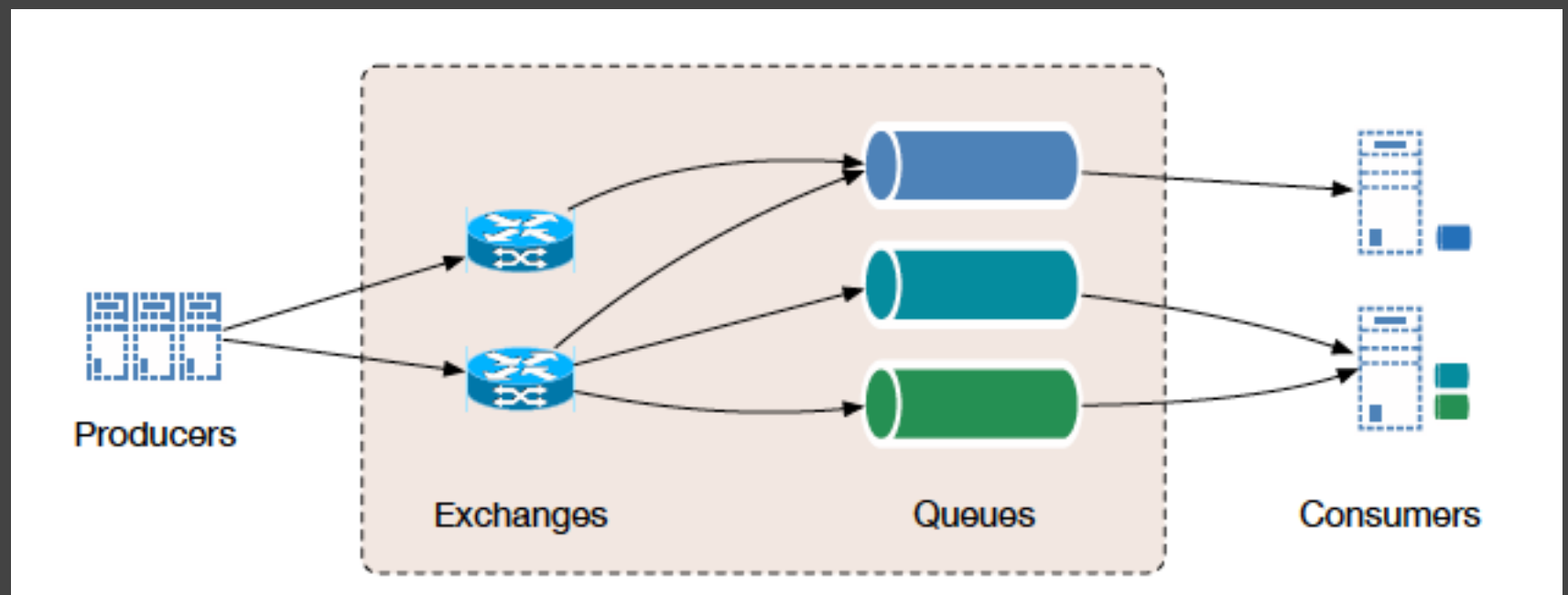
- Message Services
- At the departments
- Observations

Messaging services



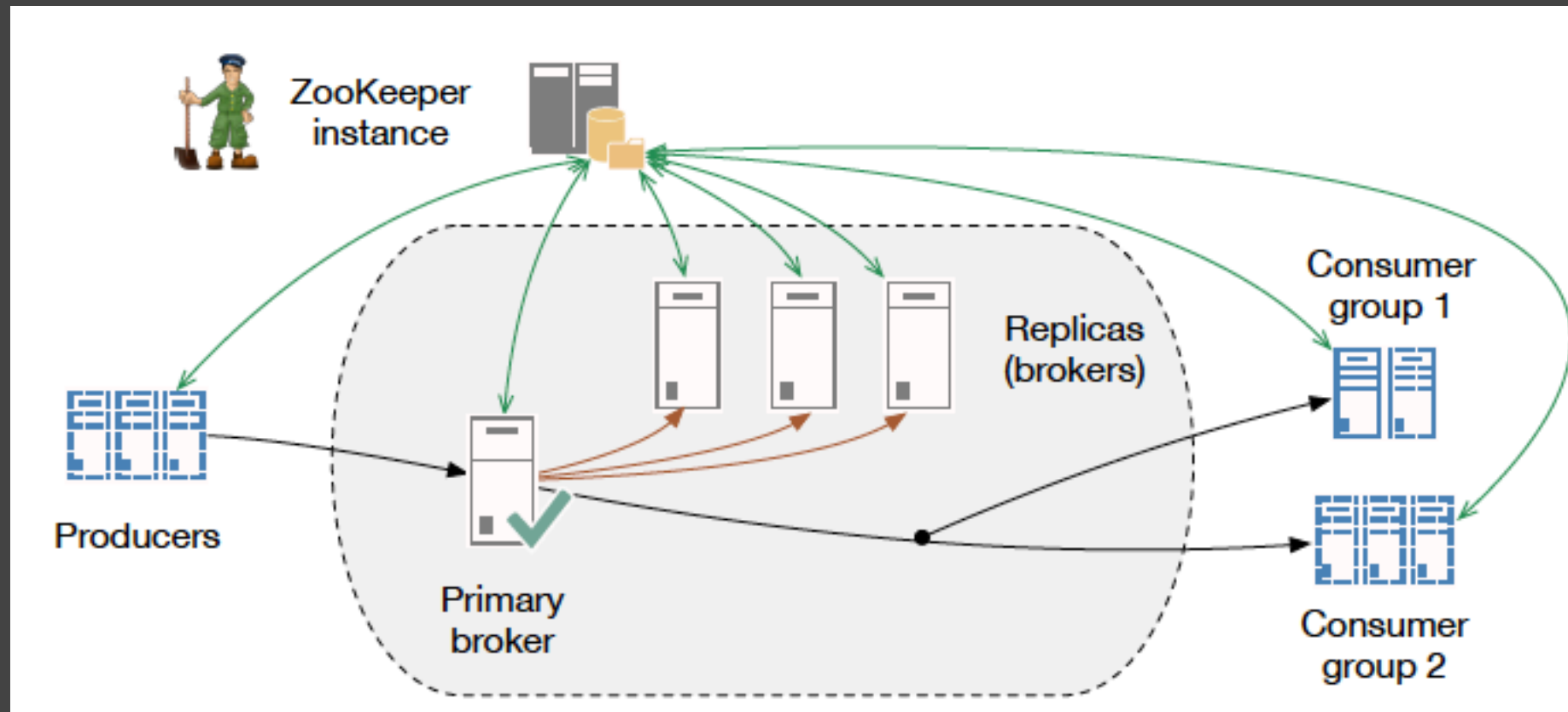
RabbitMQ

- Stores in memory
- Exchanges and Queues
- Persistence is a setting



Kafka

- Stores on disk
- Needs ZooKeeper
- Persistence is guaranteed



Mosquitto

- Light weight
- MQTT
- Internet of Things

Faye

- Bayoux protocol
- Websockets
- Pub/Sub

Departments

A low-angle, close-up shot of a person's legs from the knees down, walking towards the camera. They are wearing light blue denim jeans and red high-top sneakers with white laces and white soles. They are carrying several shopping bags: two on the left (one orange, one dark blue) and three on the right (one green, one yellow, one pink). The background is a blurred city street with yellow and white lights, suggesting a busy urban environment. The word "Retail" is overlaid in the center in a large, white, sans-serif font.

Retail

Message services at Retail


- RabbitMQ
 - Non-critical messages
- Kafka
 - Allows for replay of events and load balancing

A person's legs and feet are visible on the right side of the image, wearing blue jeans and tan sneakers. They are standing next to a silver laptop on a desk. The laptop is open, and its keyboard is visible. The background is a plain, light-colored wall. The entire image has a dark, semi-transparent overlay.

Staffing Solutions

Message services at Staffing Solutions

- RabbitMQ
 - for some DB related jobs
 - Flex and Staff
- Kafka
 - Between all applications and microservices
- Faye
 - Between users

An aerial, high-angle view of a multi-lane highway at night. The road is filled with traffic, including cars and large trucks, their headlights and taillights glowing. The surrounding area is dark, with some city lights visible in the distance. The overall tone is dark and moody, with a focus on the flow of traffic.

Identification Systems

Message services at Identification Systems

- Mosquitto
- Proof of concept

Light Controls



The background is a dark, blurred image of school supplies. On the left, the spiral binding of a notebook is visible. In the upper center, a pencil with a yellow eraser and a sharpened lead tip is positioned diagonally. To the right of the pencil, a dark-colored pen or marker lies horizontally. The overall tone is muted and academic.

Observations

Observations

- Not necessary
- Support by SteppingStone
- Change is difficult

The End

Don't shoot the messenger!