Zookeeper

Kafka

ZOOKEEPER distributed configurations management system

ORCHESTRATOR

Coordination System

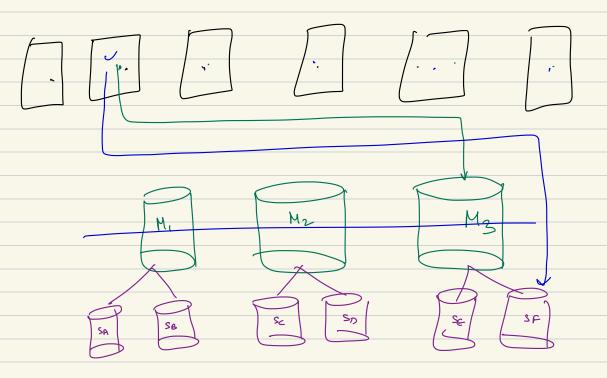
ip-addresses

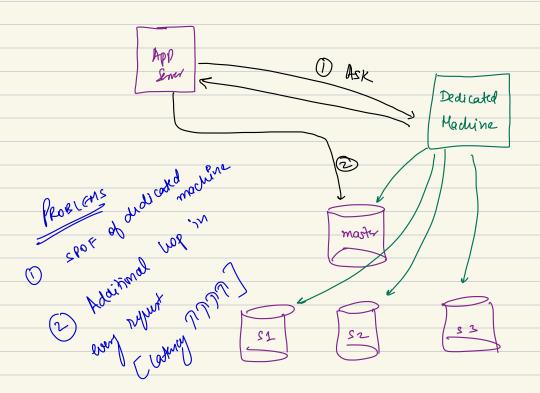
Masher/Slave

distributed locking

Service discovery

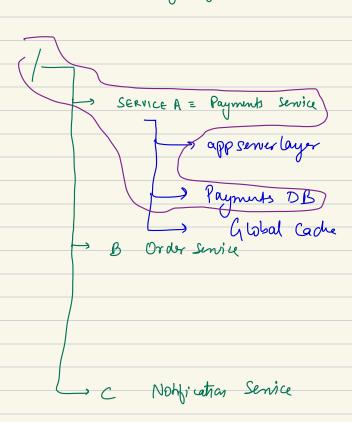
## Crample problem:





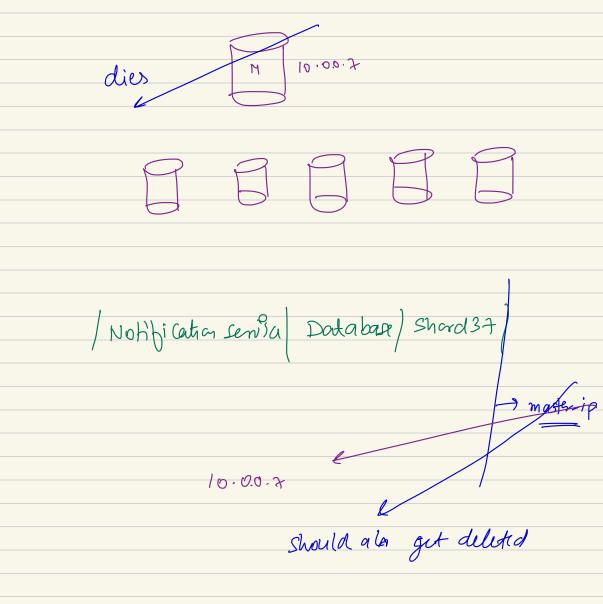
## Soluhin: Zookuper 🛈

ZK is epactly file system

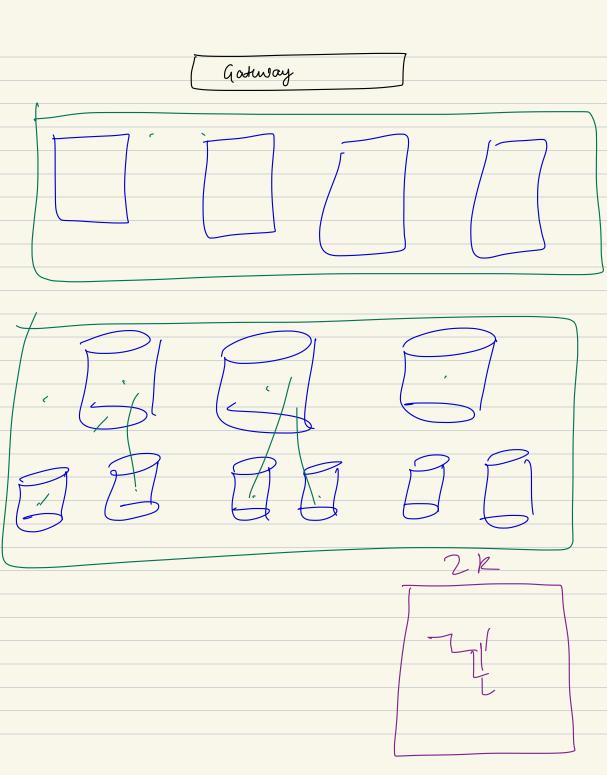


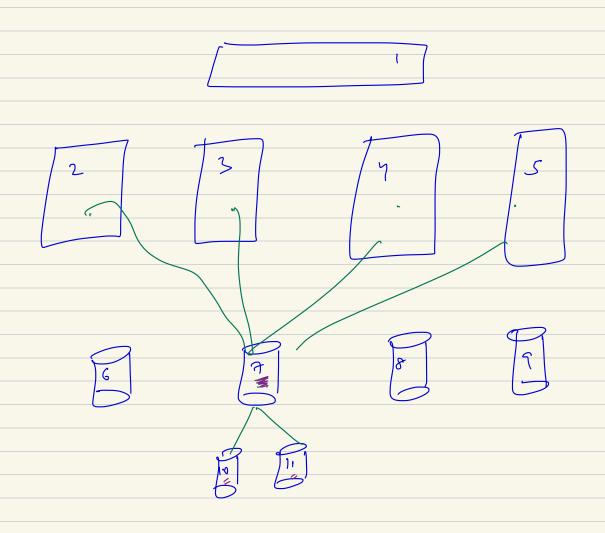
aws-key >> sharding - co > Shord 1 -) Shard 2 22.60.40.22 slave A-PM & Slave Rp&f

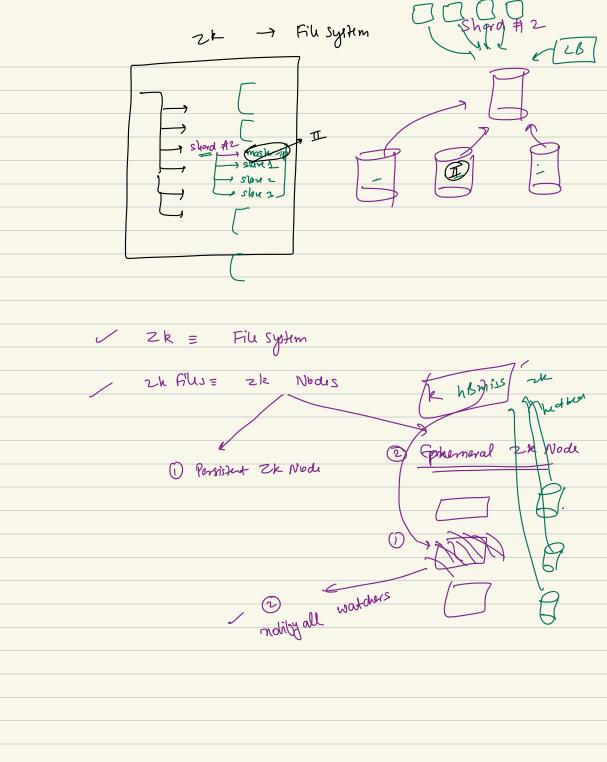
No de ZK Nodes which have to live



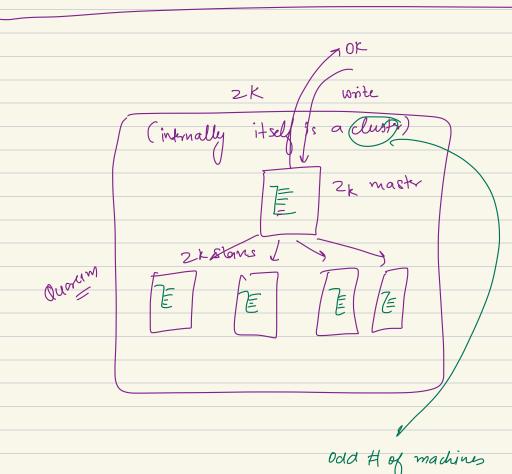
ZK Julan head beats



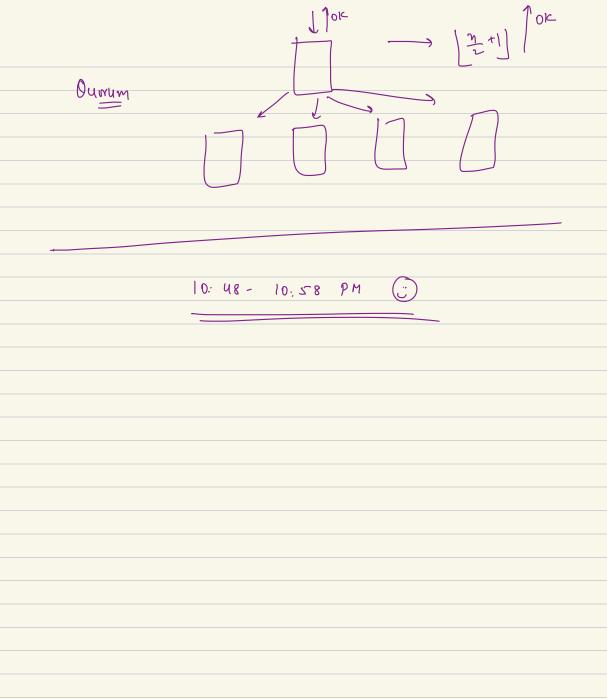


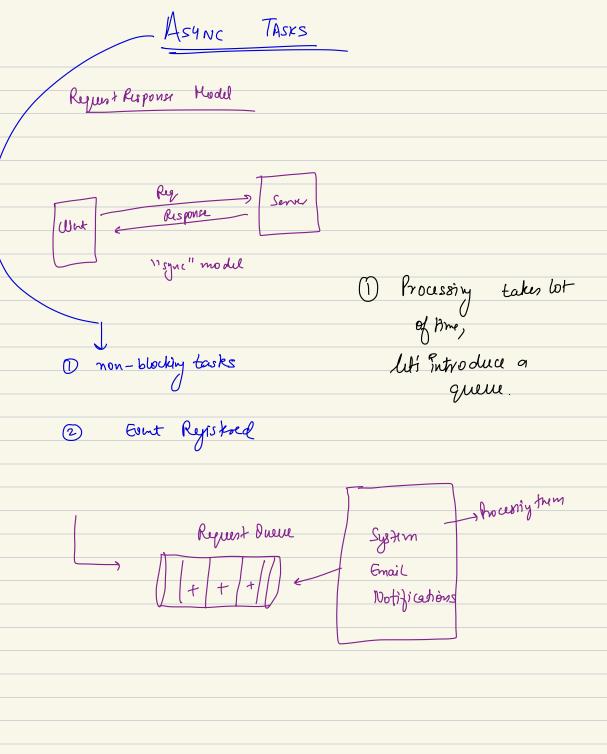


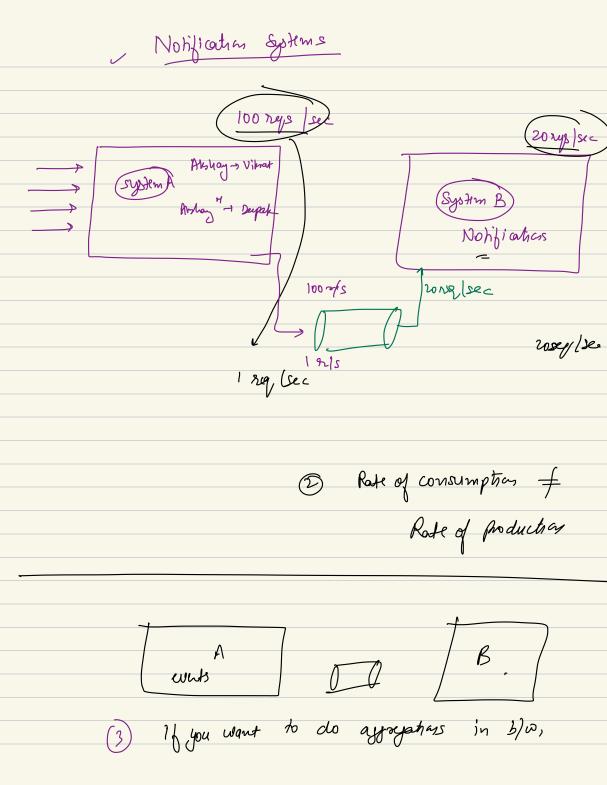
(0:46 - Boeak 10:56 PM - Kajka



5,7,9,11







ASYNC TASKS -> Perstitut Ommus
Publish Subs with

ex

ex

Rasi+Ma Message Omnes

Katka

(1) distributed = Horizontally Scaliable

er 10M msgs | second

- 2 Persistance => msg are win to disk.
  - 3 Read Throughput and latincy in

## Flipkart

