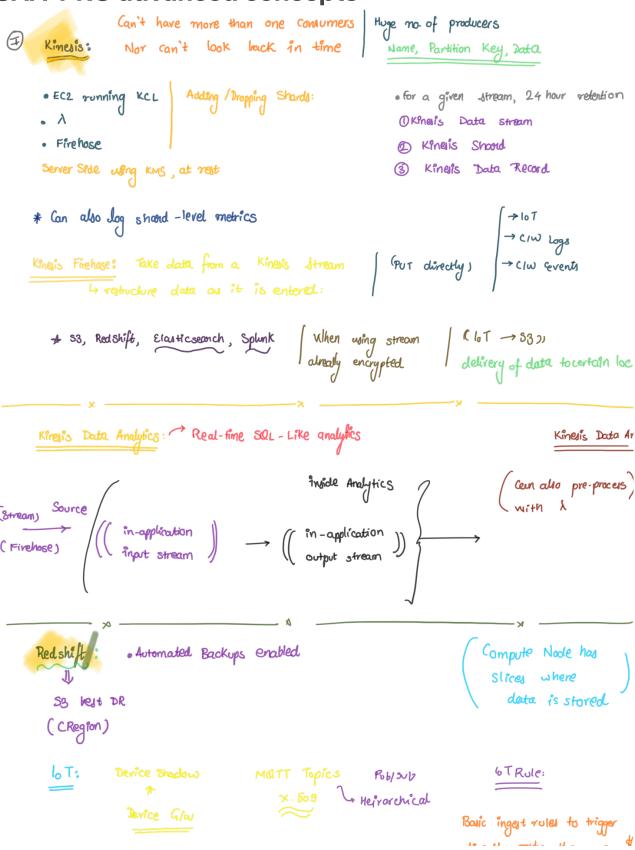
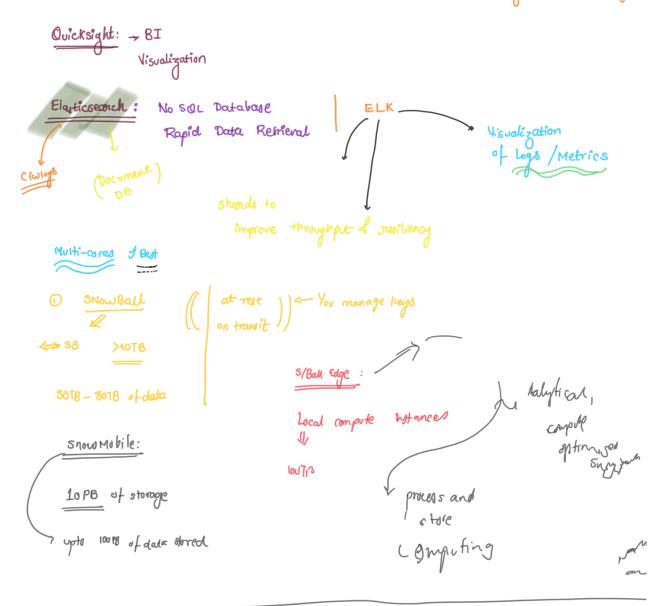
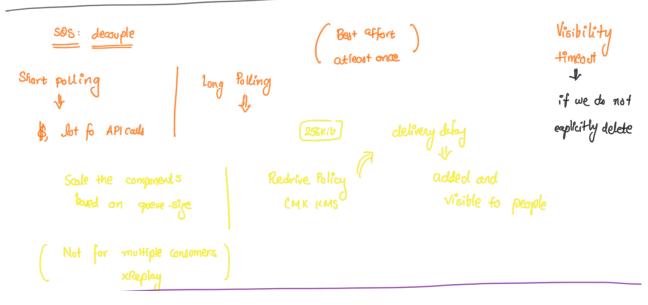
## **SAA-PRO** advanced concepts







SNS: sending to a top s3 Events A can be subscriber

Clw and BNS Rush Notifs

Metrics L Alarms

Application

A can be subscriber

NTTP/IS endprint

Fan out 8

Single mersage to multiple processing

SQS queues as independent subscribers

Notif/messages to endpoints

AND MO: Mesage Broker (AMOP, STOMP, OpenWive)

Conly inside VPC) NIW of

Ouever, Topics and Virtual Topics brokers

Step Fn: Orchestrate Work Flows
Work Flow retention of 1 year
Can define steps and flow

ber terles

Tack → Choice → Fail/Succes

Pass → Wait → Parallel

State machine

Web Server & Worker

can have Multiple env. in EB

Blue-Green swapping environments for good deployment

Opsworks:

Chef & Puppet

Dota Pipeline:

CloudWatch

Very high frequency: Low retention

Metric: Time-ordered yet of data-points

Namespaces: Metrics grouped together

CIW alarm can define actions to be taken bould on metric breach: SNS Topic

Chi Logs:



Log Streams Alarm Changes Eczactions AutoScaling

All state is stored on local EC2 if we switch, wer interruption

Trail -> allows logs to be sent to 83/1

(( Stateless mein look-up available 1)



· Same base instance Az or Region >

absolute priority

Bootstrapping (Base image uske upon yeth configuration)

Launch Configuration (on demand or spot) (immutable object)

Scaling polley:  $20.1 \rightarrow 1$  ) specify  $90.1 \rightarrow 4 \text{ or } 5$  +arget value

Cross Zone
Load Balancing

TOAL VALA

On-Demand is default:

Don't mind if EC2 are short down

For update m Add

