Day - 4

04 September 2025 10:11

SLO Creation:-

SRE

3 Factor:-

1. SLI - Service level Indicator - CPU=40%
2. SLO - Servie level objective - 99.8% → b/w team
3. SLA - Service level Agreement - b/w two party (SLO > SLA) 99.5%

Error Budget 0.5% → can be down.

→ 3.6 hour my service can be down.

1. I am doing internals
2. My app

1. Service level Availability
2. Sight Req.
3. Response time level
4. Synthetic SLO
5. Synthetic step SLO

→ SLO

1. Service level Availability: Define SLO on the service level.

Burn Rate → How Quickly we are utilizing the error budget

BR=1 → Exactly at the current scenario.

BR>1 → Budget is consumed too fast

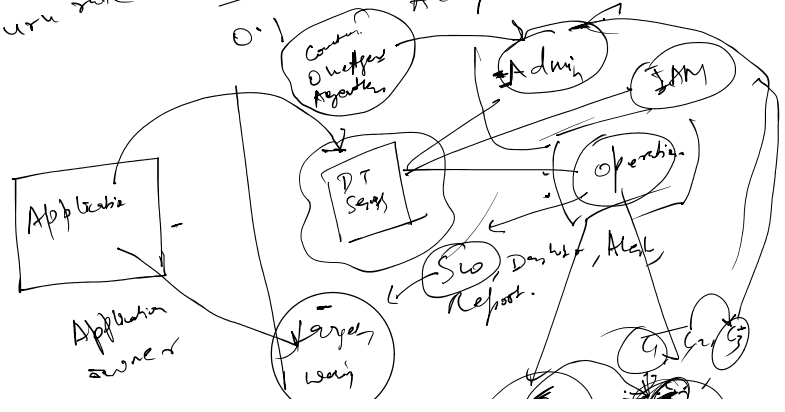
BR<1 → Budget is consumed slower than expected.

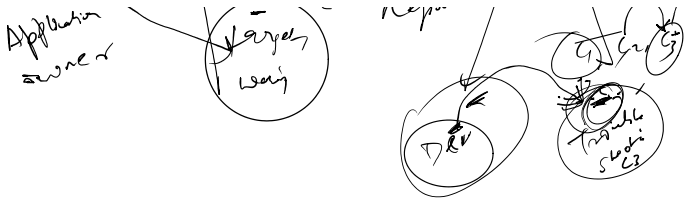
ET SLO = 99.9%.

ER = 0.1%.

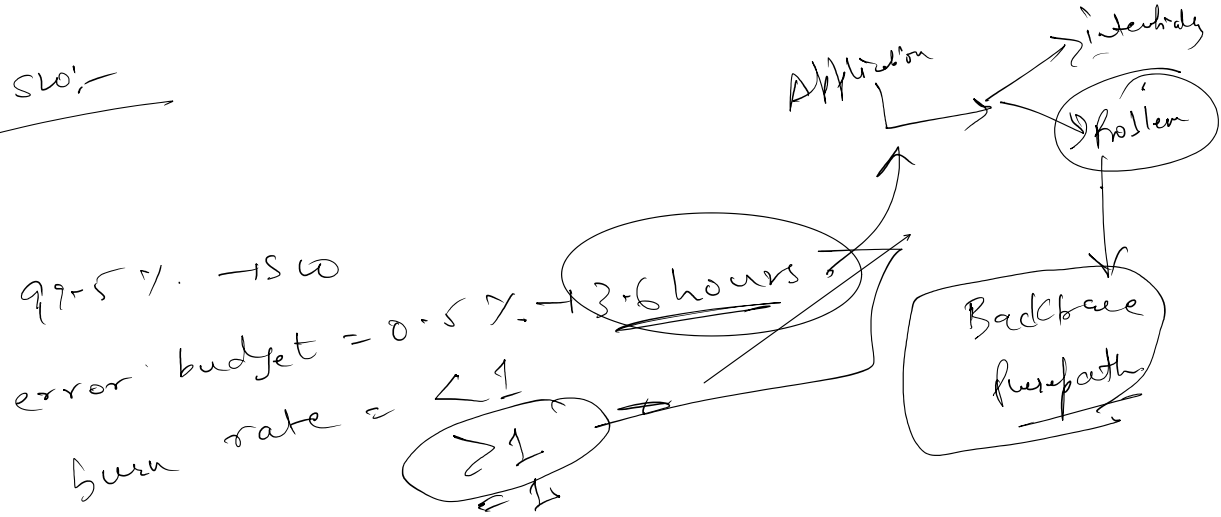
Actual ER = 0.5%.

Burn rate = 0.5 / 0.1 = 5 → Burning 5x faster than Acceptable condi.

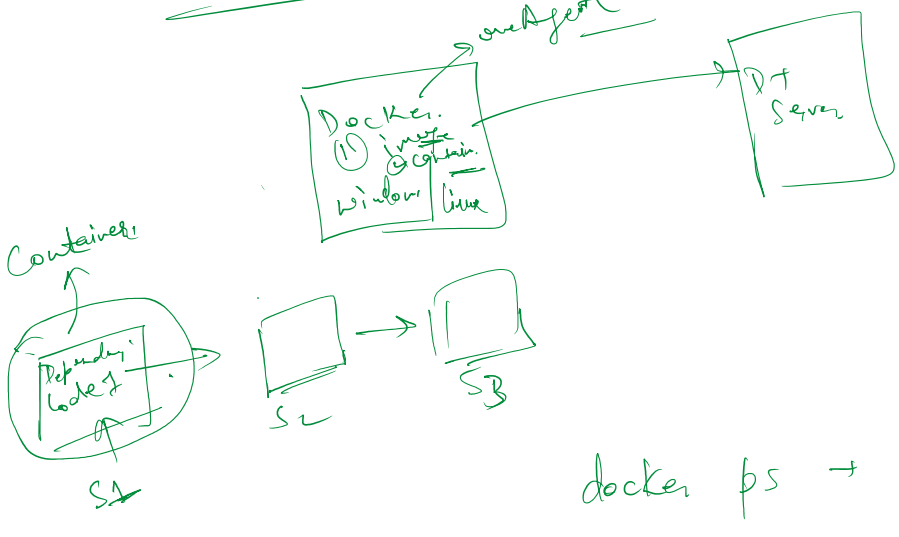




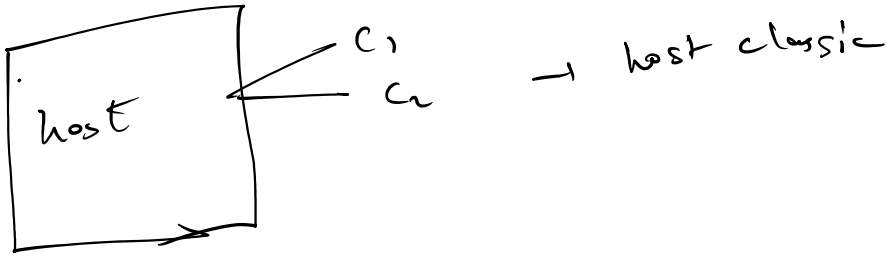
Synthetic SLO's



Container Monitoring



docker ps → Process | Container



container group

↓

C1 → W!

C1 →
C2 → λ2
C3 → λ3