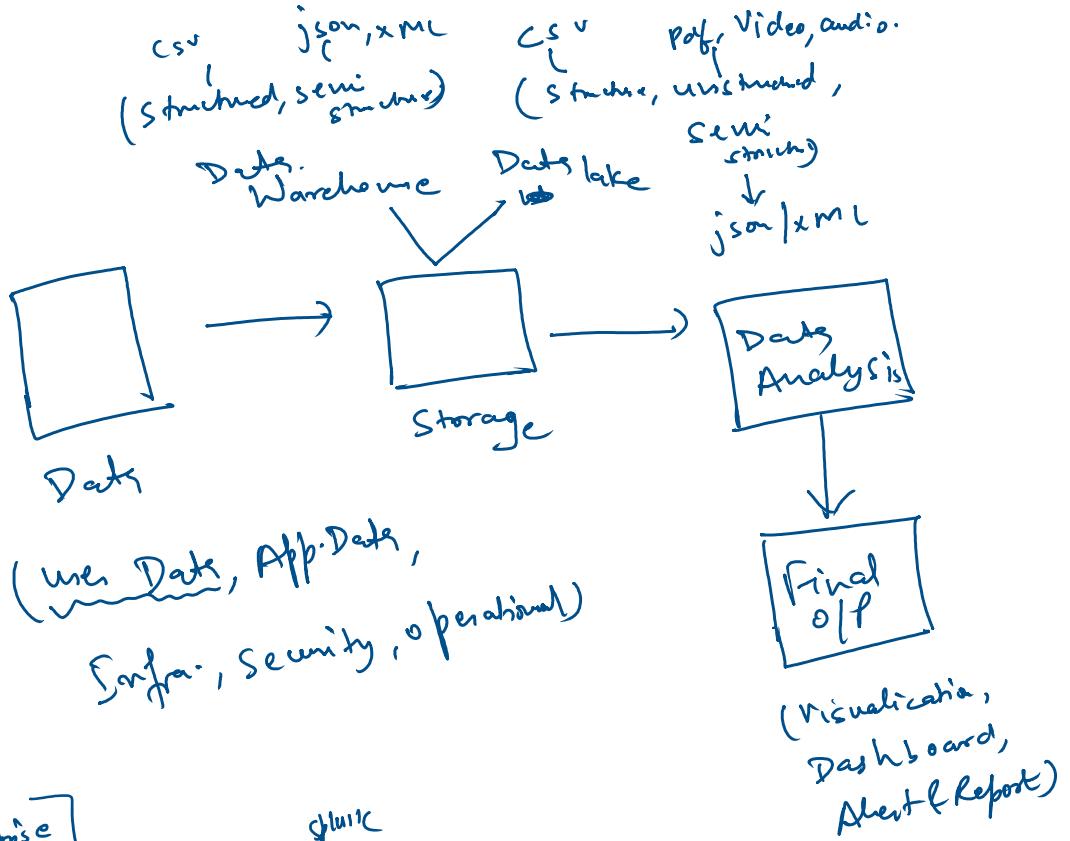


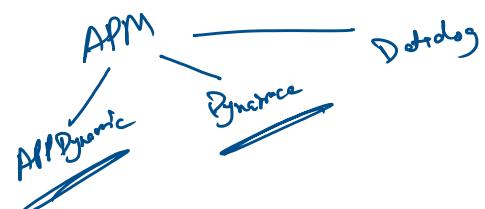
Splunk?

early
2000s



- ① Splunk Enterprise
- ② Splunk ES
- ③ Splunk SOAR
- ④ Splunk ITSI
- ⑤ Splunk VBA

→ is majorly used in the market



Monitoring

- ① Reactive Measure

observability

- ① Proactive Measure

CPU ↑ load ↑ server ↓
3 billions

- ① Metrics

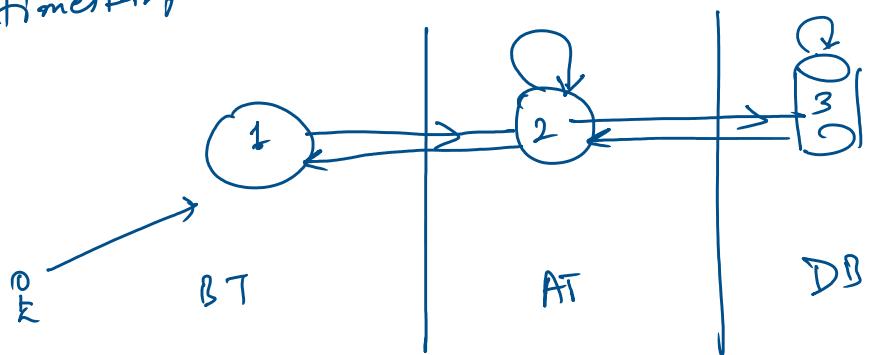
- ② logs

- ③ traces

Metrics → CPU = 40%

Logs → timestamp

Traces →



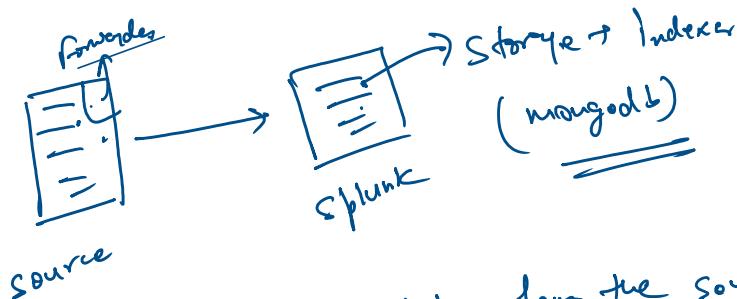
Splunk:-

Component 1:-

- (1) Indexer.
- (2) Forwarder
- (3) Search Head
- (4) License Master

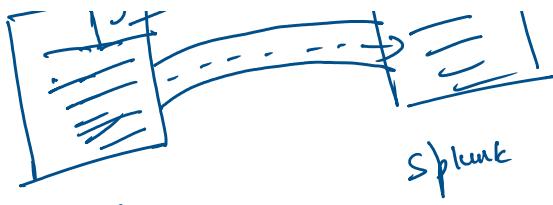
- (5) Cluster Master
 - (6) Deployment server
 - (7) Deployer
- Management instance:

① Indexer:- Database where all the incoming data indexed inside splunk.

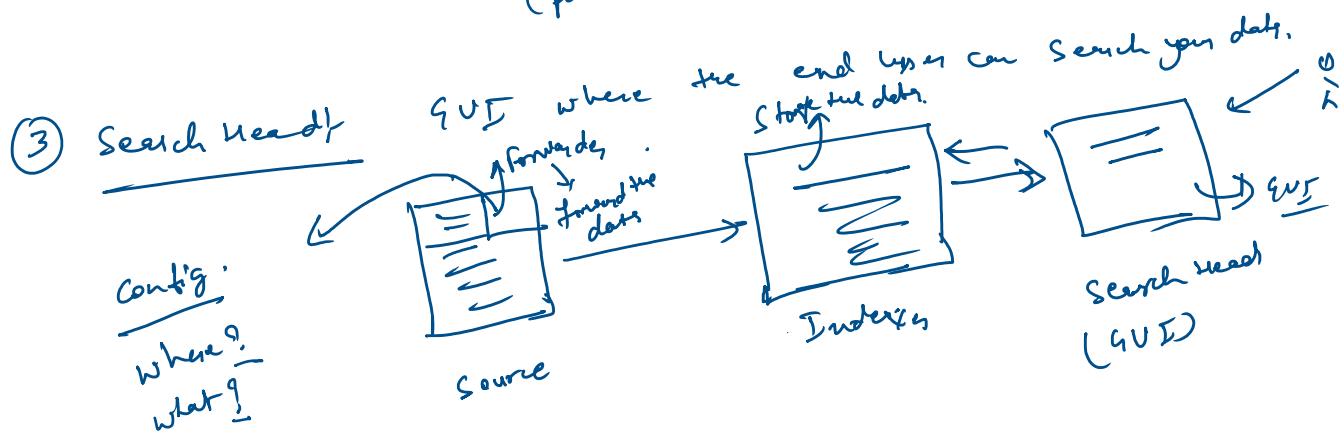


② Forwarder:- Agent that will send the data from the source to the splunk.



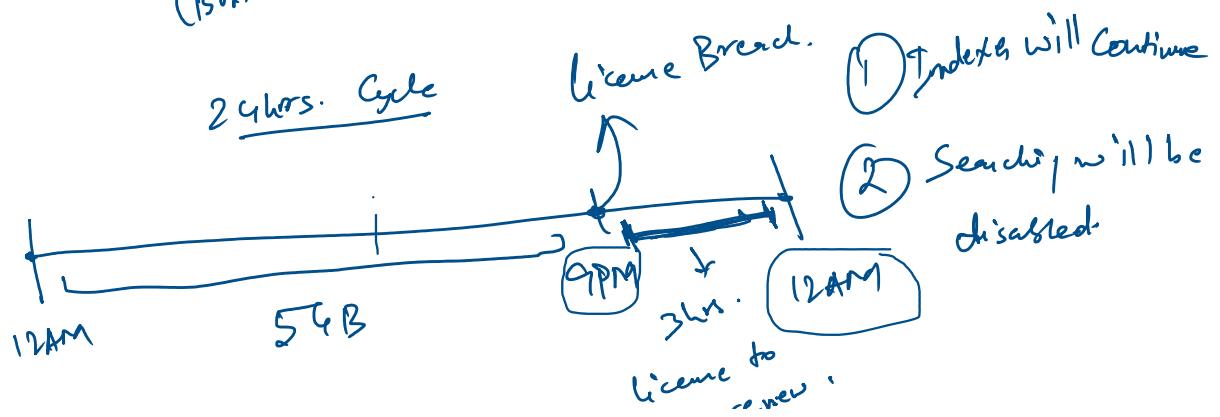
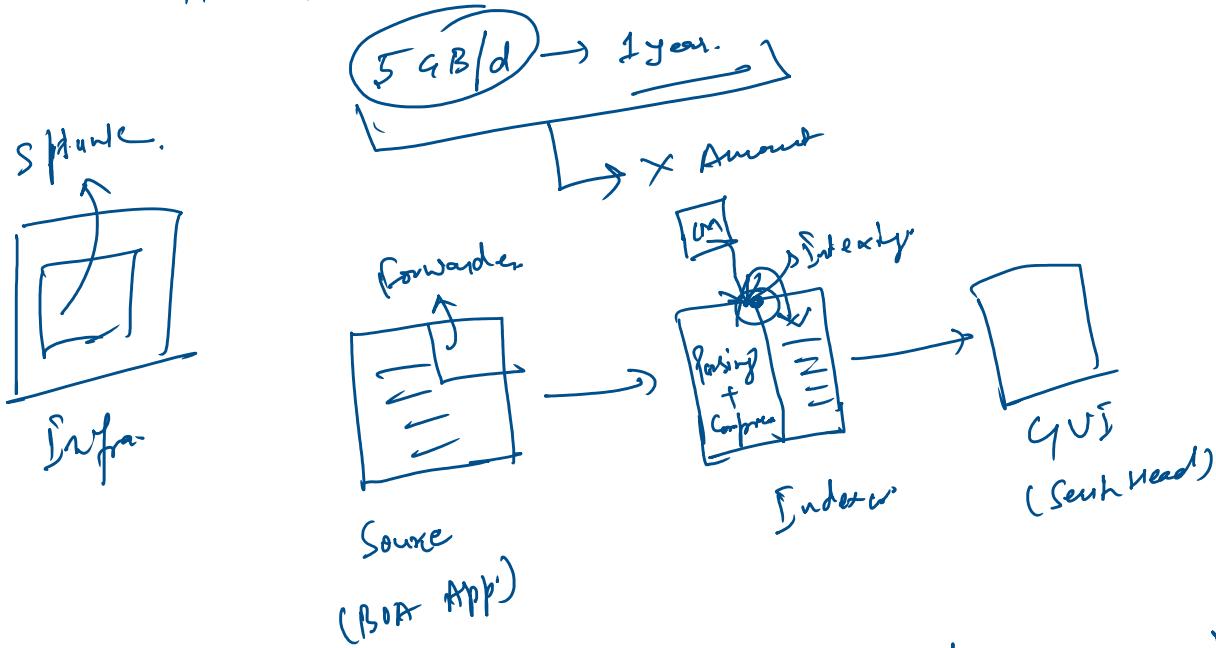


Source
(App)
(palo alto)



④ License Manager - Check whether you are compliant with the license.

How much data you want to index on the daily basis?

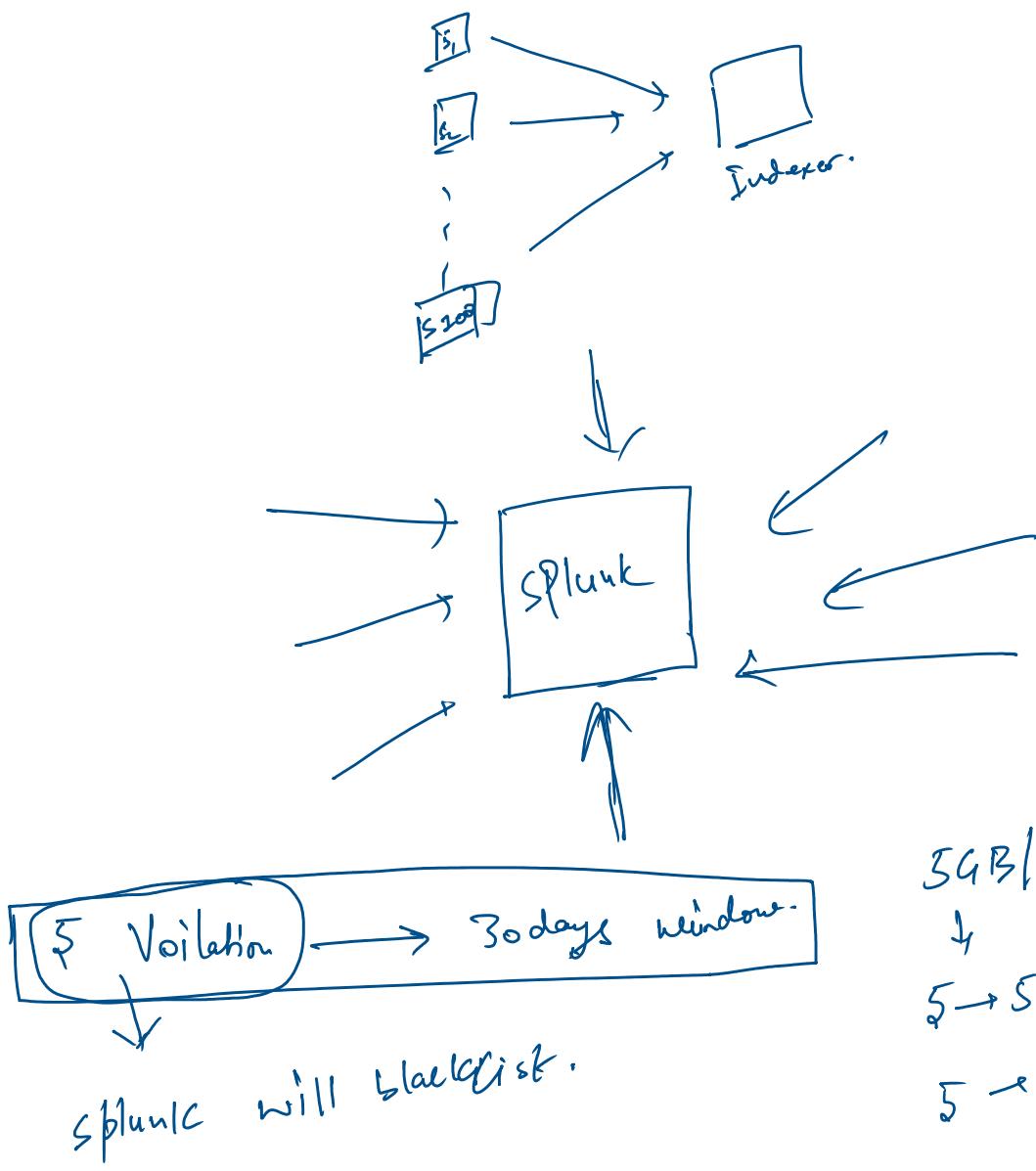


12AM

54B

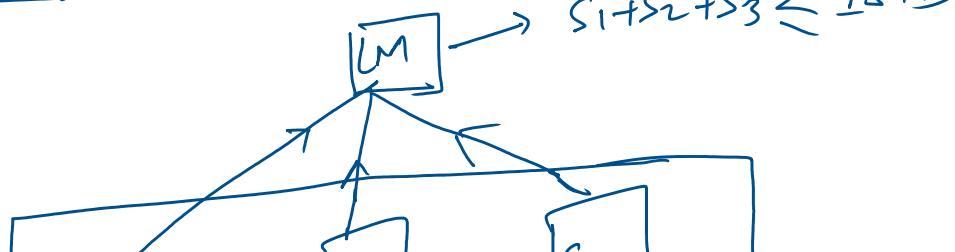
— 3w.
Licence to renew.

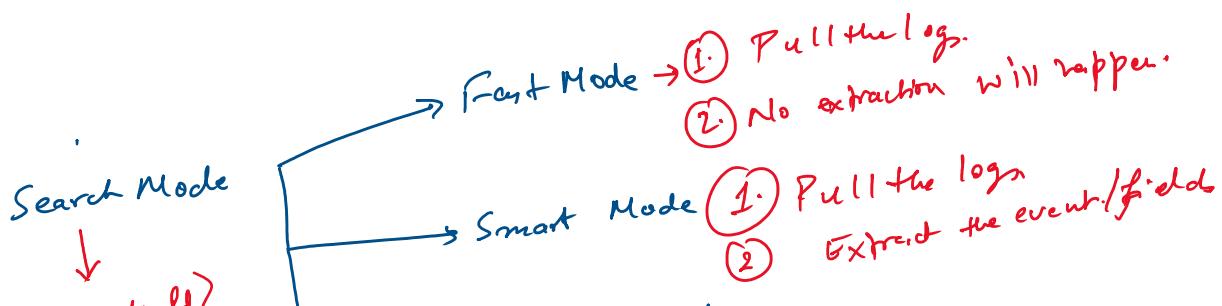
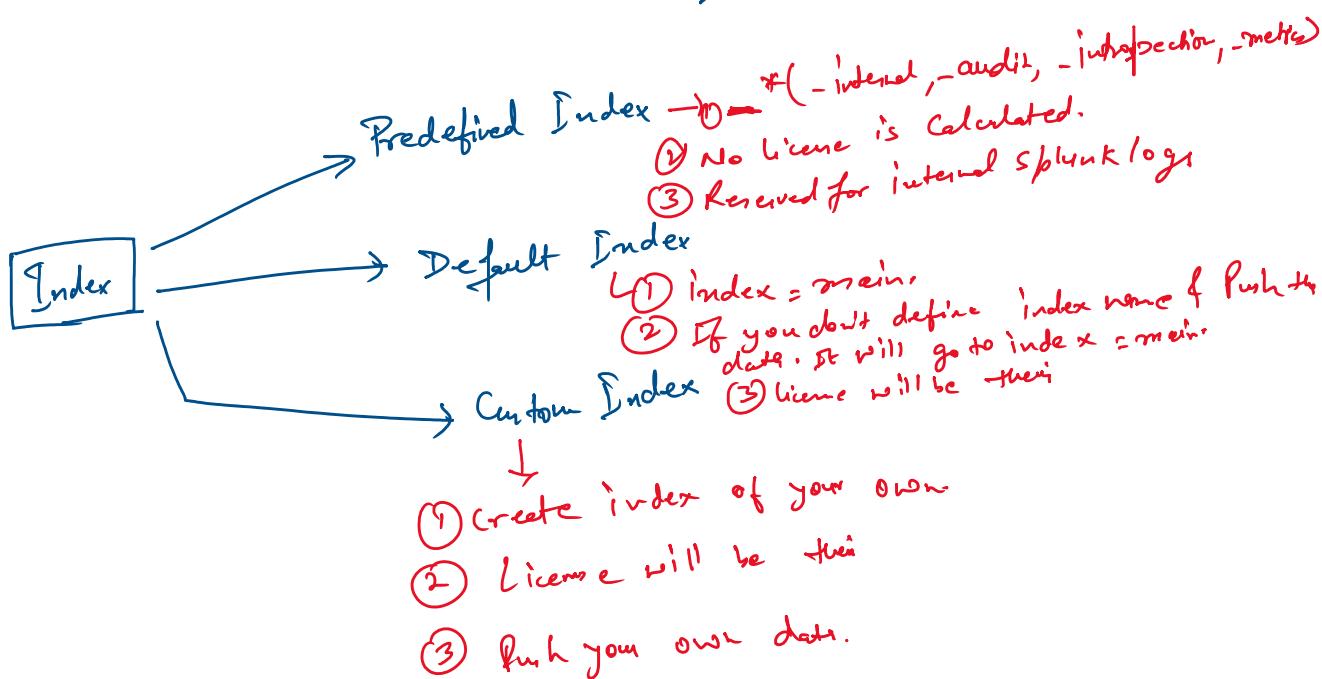
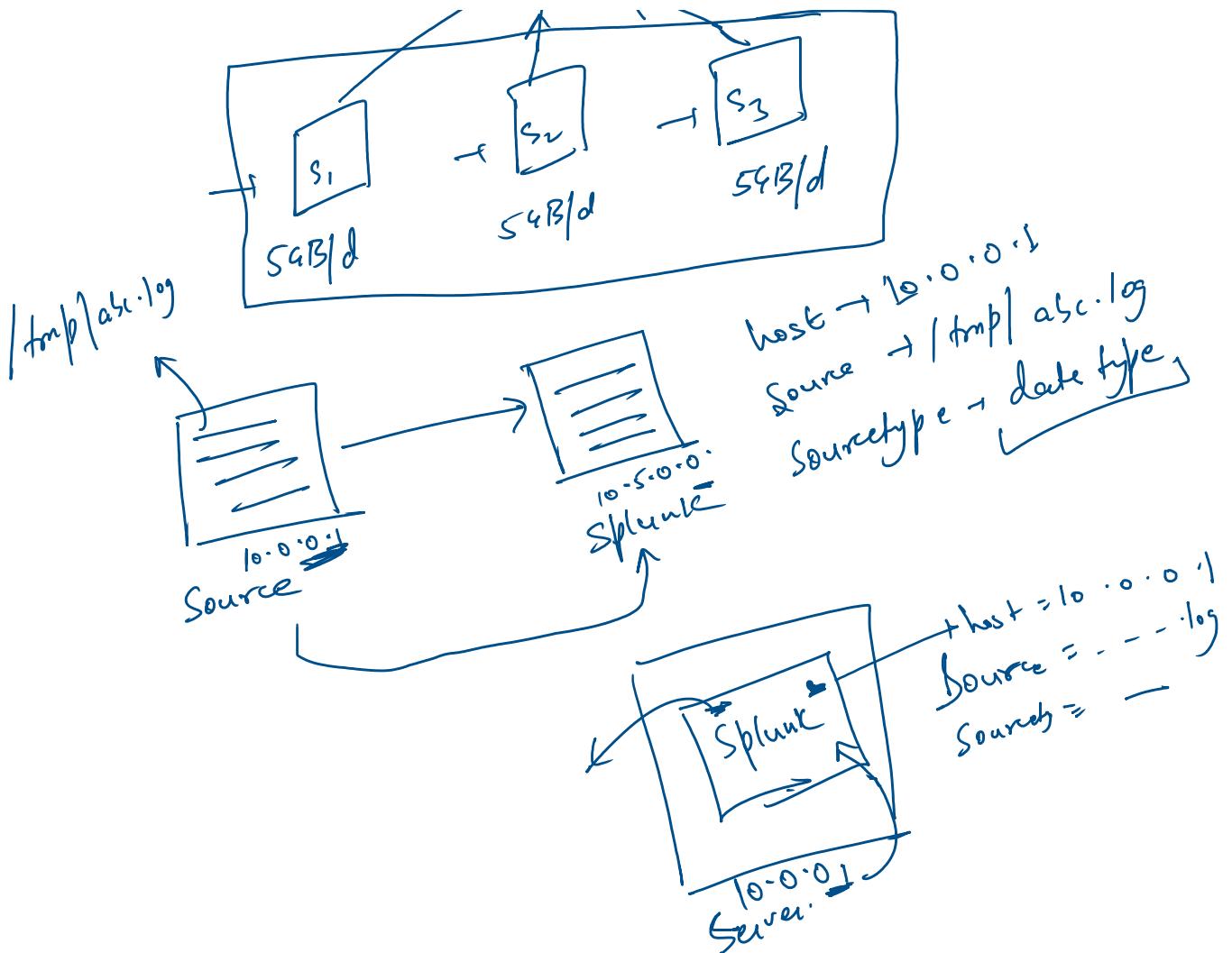
① Upfront Payment:

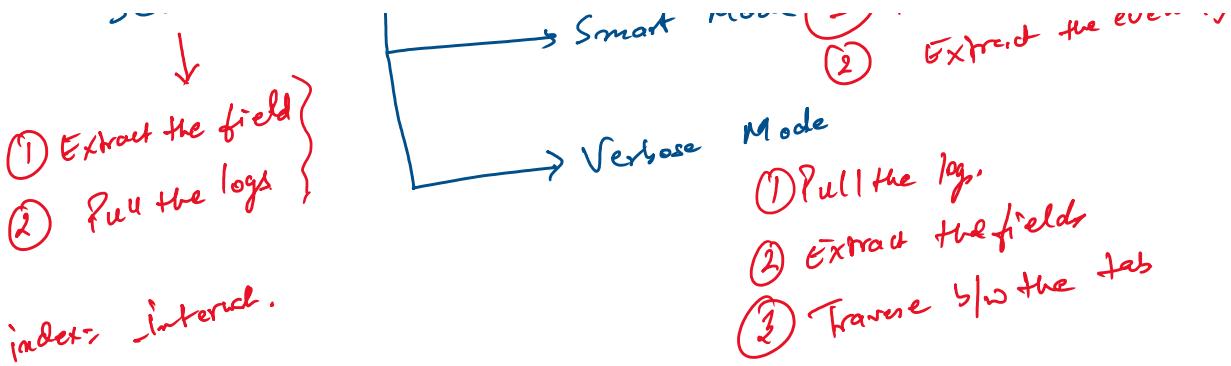


① License Estimation:

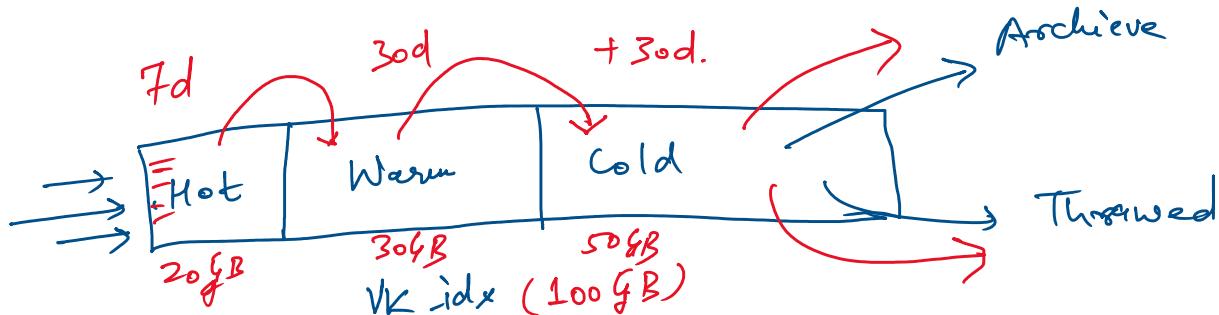
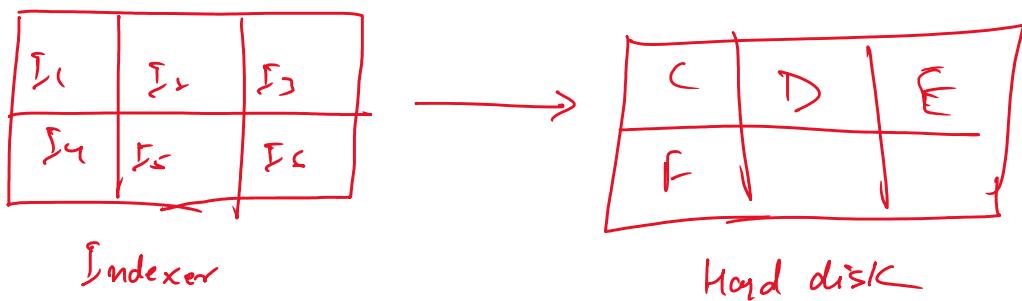
License Pooling:-





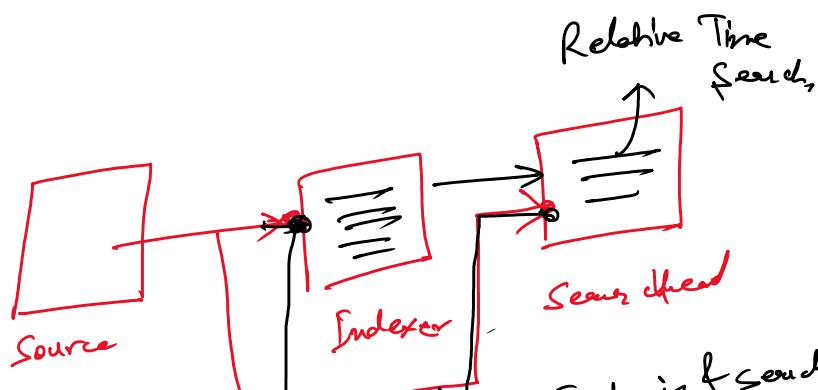


indexer interface

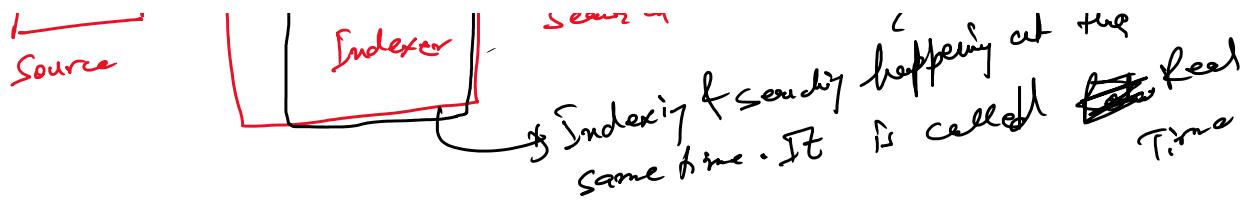


Retention Policy

- ① Size of the bucket
② Age of the data.
- Any one condition is true. The data will move from one bucket to another bucket.



Load up CPU Memory ↑
Computational ↑
... & sending happening at the real



SPL Queries:-

- (1) Table
- (2) Rename
- (3) Stats
- (4) Eval
- (5) addtotals
- (6) addtotals
- (7) timechart
- (8) chart
- (9) single value
- (10) byostats
- (11) rex
- (12) Dedup
- (13) Sort
- (14) fillnull
- (15) Head & tail.