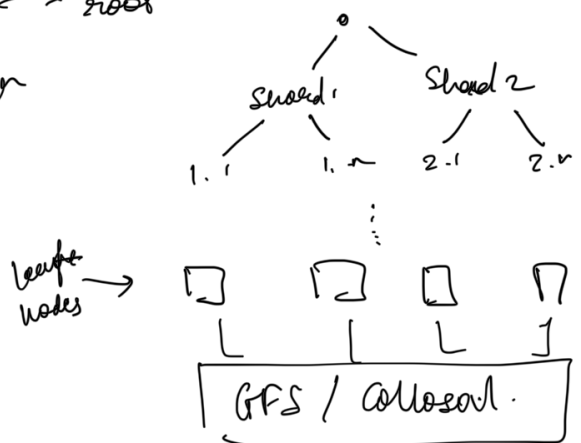


GFS

- Client side caching ★
- Client → compress partitions logs.
- Shadow masters only used as master backups.

Dremel.

- qm - query manager → root
- each node does aggregation
- columnar storage.



Boog.

- Does not remove "Prod" jobs.
- Chubby BNS → namespace (ops) → master selection

→ 4 types of resource req.

→ 3 types. Borgelets

→ Not exact fit \div 30% asked \rightarrow 40% given.

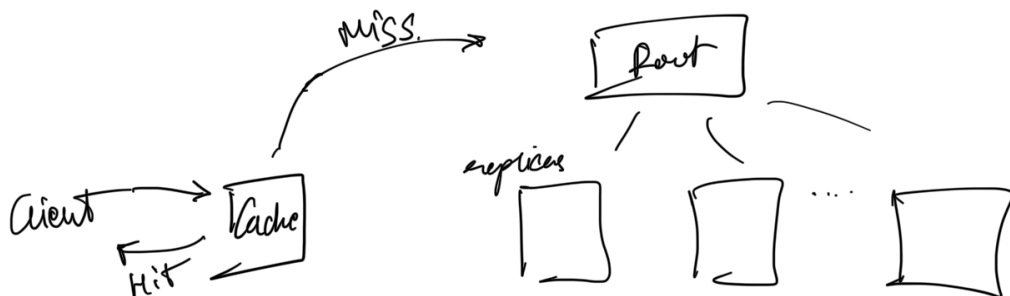
DynamoDB.

→ 20 replicas of data.

→ each replica indexed by diffth PRIMARY_KEY
↓
Partition + Sort.

→ LSI is alternative for (_, Sort)

→ GSI is alternative for PRIMARY_KEY.



DynamoDB
has 99%
hit.