



# Compute Engine



(b) metadata

Write Cache

Catalog(version, description)

(b-3)

Snapshots ( $S_i, S_{i+1}, \dots, S_n$ )

(b-2)

Commits ( $C_i, C_{i+1}, \dots, C_n$ )

(b-1)

MetaRefresher

(c) metadata

(commit, snapshot file)

(a) data

# Persistent Storage Pool

