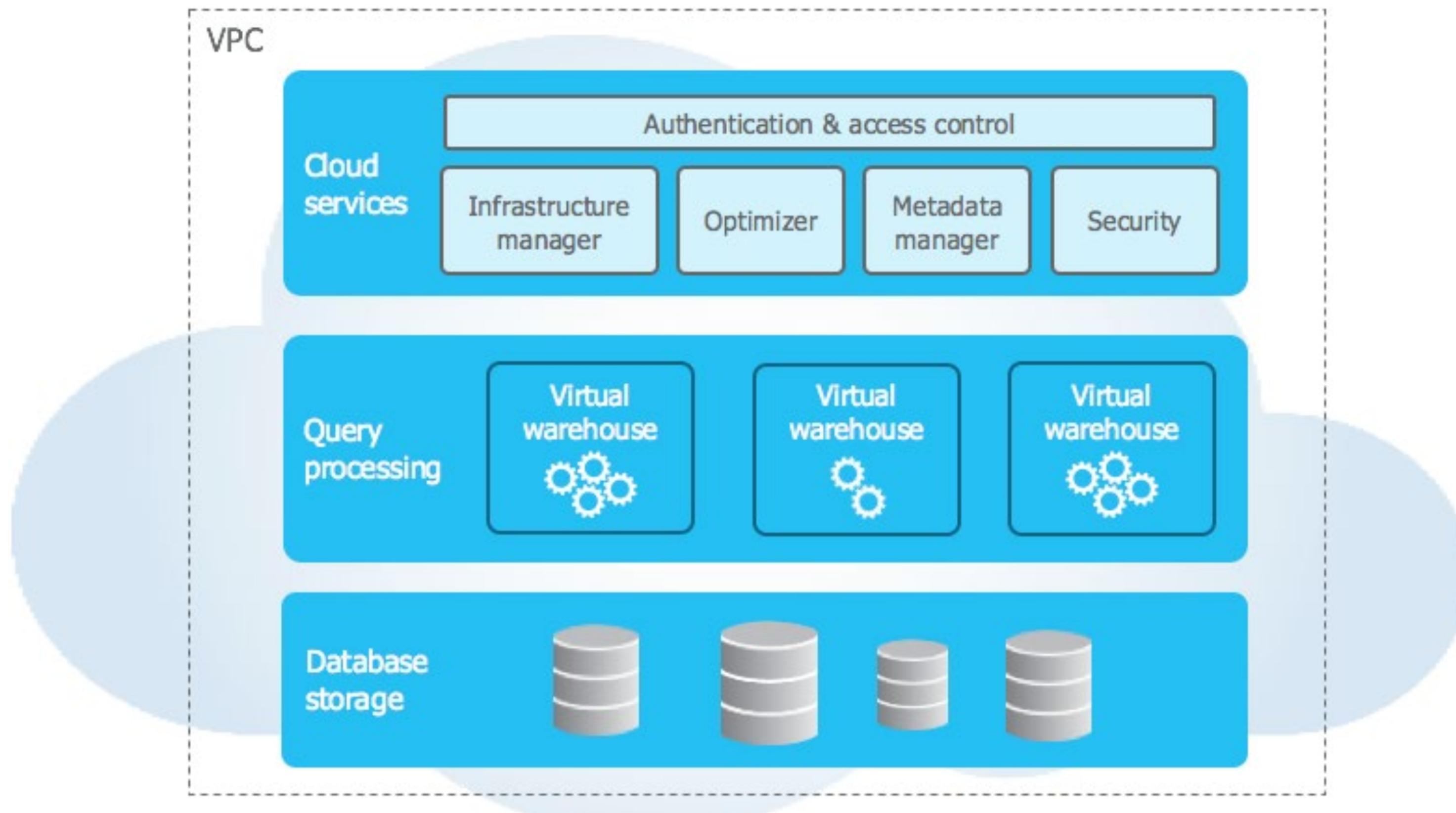
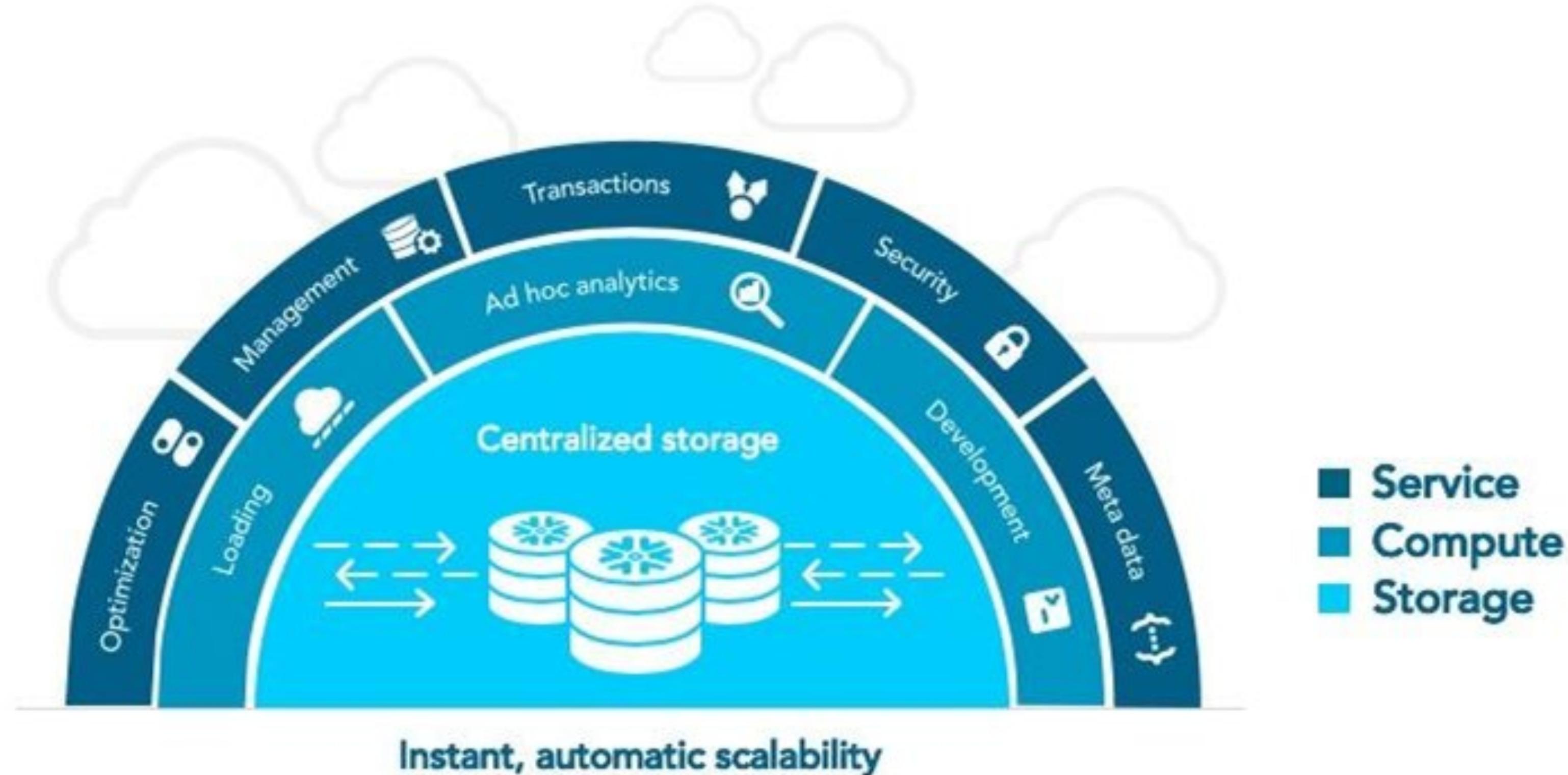


# RESOURCE: Three Layer Design Diagram Version A



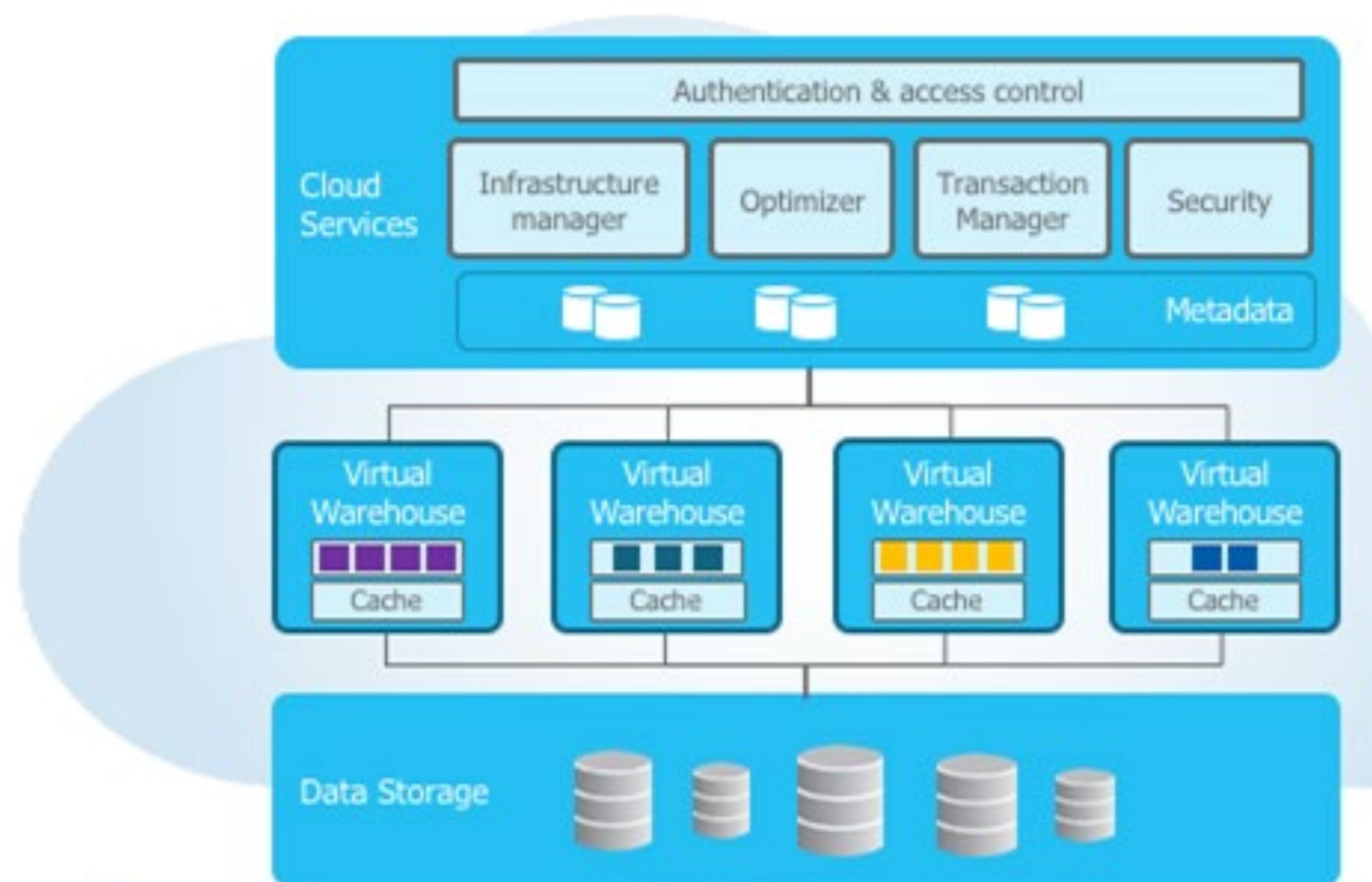
## RESOURCE: Three Layer Design Diagram Version B

### Snowflake's multi-cluster, shared data architecture



## RESOURCE: Three Layer Design Diagram Version C

### SNOWFLAKE MULTI-CLUSTER, SHARED-DATA ARCHITECTURE



Dynamically Combines Three Principal Architectural Layers

- Collection of Independent, Scalable Services
  - “Brain” of the System
  - Handles Crucial Data Management Functionalities
- Elastic Virtual Warehouse
  - “Muscle” of the system
  - Handles Parallel Query Processing
- Storage Layer
  - Hybrid Columnar



