**Secrets Manager**

1. Programmatically retrieve encrypted secret values at runtime (Avoid hardcode)

2. Store different types of secrets

3. Encrypt secret data with KMS (encrypt at rest)

4. Automatically rotate your secrets

5. Control access with IAM

**AuroraDB**

1. Relates to MySQL or PostgreSQL

2. Fastest database

**DynamoDB**

- Read/write Capacity Mode

Read Request Unit (handle read request per second)

1 RRU - 1 strongly consistent read or 2 eventually consistent read for 4KB item

2 RRU - 1 Transactional read for 4KB item

Write Request Unit (handle write request per second)

1 WRU - 1KB item

2 WRU - Transactional write for 1KB item

- Data Distributed by Partition Key (primary key), sorted by Sort Key

- Global table - deploying a multi-region, multi-master database

**Layer**

Could contain additional code, libraries, configuration files or data