DynamoDB Notes

Amazon DynamoDB is a fast and flexible NoSQL database service for all applications that need consistent, single-digit millisecond latency at any scale. It is a fully managed database and supports both document and key-value data models. Its flexible data model and reliable performance make it a great fit for mobile, web, gaming, ad-tech, IoT, and many other applications.

DynamoDB tables do not have fixed schemas, and table consists of items and each item may have a different number of attributes.

DynamoDB synchronously replicates data across three facilities in an AWS Region, giving high availability and data durability.

Durability, performance, reliability, and security are built in, with SSD (solid state drive) storage and automatic 3-way replication.

DynamoDB Consistency:

Read consistency represents the manner and timing in which the successful write or update of a data item is reflected in a subsequent read operation of that same item

DynamoDB allows user to specify whether the read should be eventually consistent or strongly consistent at the time of the request