Resource link	Description
Amazon Relational Database Service (Amazon RDS)	A relational database service supporting multiple engines like MySQL, PostgreSQL, and Microsoft SQL Server with automated maintenance and backups
Amazon RDS Security	Detailed information about security configurations in Amazon RDS
Amazon Aurora	A cloud-native database offering superior performance and availability over traditional databases while maintaining MySQL and PostgreSQL compatibility
AWS Database Migration Service (AWS DMS)	A service that provides seamless database migration between source and target databases while keeping the source database operational
Amazon DynamoDB	A NoSQL database service providing single-digit millisecond performance at any scale with built-in security
Amazon ElastiCache	An in-memory caching service that supports Redis, Valkey, or Memcached to improve application performance through faster data retrieval

Amazon DocumentDB	A MongoDB-compatible document database service designed for mission-critical workloads with automatic scaling
Amazon Backup	A centralized service for automating and managing data backups across AWS services and on-premises resources
Amazon Neptune	A graph database service optimized for storing and querying highly connected data relationships
What Is a Relational Database?	A structured database using tables with predefined schemas, supporting complex queries and transactions through SQL for consistent data relationships
What Is a NoSQL Database?	A nonrelational database offering flexible schemas and high scalability for varied data types, optimized for specific data models and patterns
What Is an In-Memory Caching Service?	A high-speed data storage layer using RAM instead of disk storage, delivering microsecond latency for frequently accessed data

AWS Shared Responsibility Model	AWS is responsible for security **of** the cloud (infrastructure, hardware, networking, facilities) while customers are responsible for security **in** the cloud (data, configuration, access management).