**Database Migration Service(DMS)**

* Overview
  + DMS helps you migrate dabatses to AWS quickly and securely
  + The source database remains fully operational during the migration, minimizing downtime to applications that rely on the database
  + Supported migration paths include:
    - On-premises and EC2 databses to RDS or Aurora
    - Homogenous migrations such as Oracle to Oracle
    - Heterogenous migraitons between different database platforms, such as Oracle or Microsoft SQL Server to Aurora
    - DMS enables you to continuously replicate your data with HA and consolidate databases into petabyte-scale data warehouse by streaming data to Redshift or S3
    - When migrating databses to Aurora, Redshift or DynamoDB or DocumentDB **you can use DMS free for six months**
    - Use along with the Schema Conversion Tool to migrate databases to RDS or EC2-based databses
    - AWS Databse Migration Service can migrate your data to and form most widely used commercial and open-source databses
    - Schema Conversion Tool can copy databse schemas for homogenous migrations(same database) and convert schemas for heterogeneous migraitons(differetnt database)
    - DMS is used for smaller, simpler conversions and also supports MongoDB and DynamoDB
    - SCT is used for larger more complex datasets like data warehouses
    - DMS has replication functions for on-premise to AWS or Snowball or S3