AWS Database Migration Service (DMS)
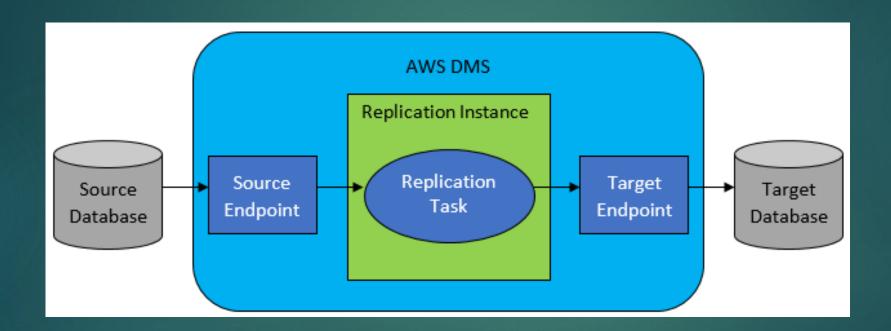
What Is AWS Database Migration Service?

▶ Cloud service that makes it easy to migrate relational databases, data warehouses, NoSQL databases, and other types of data stores.

▶ Migrate your data into the AWS Cloud, between on-premises instances, or between combinations of cloud and on-premises setups.

▶ Perform one-time migrations, and can replicate ongoing changes to keep sources and targets in sync.

▶ AWS Schema Conversion Tool (AWS SCT) to translate your database schema to the new platform, and then use AWS DMS to migrate the data.

▶ Cost-efficient, speed to market, security, and flexibility

Migration tasks performed by DMS

- AWS DMS automatically manages the deployment, management, and monitoring of all hardware and software needed for your migration

- Scale up or Scale down migration resources as needed to match actual workload.

- AWS DMS uses a pay-as-you-go model

- AWS DMS provides automatic failover

- Supports both Heterogenous and Homeneous datatabse migrations

- AWS DMS provides a broad coverage of available target engines including Oracle, Microsoft SQL Server, PostgreSQL, MySQL, Amazon Redshift, SAP ASE, Amazon S3, and Amazon DynamoDB.

- AWS DMS ensures that your data migration is secure. Data at rest is encrypted with AWS Key Management Service (AWS KMS) encryption.

How AWS DMS works

Demo

THANK YOU