AWS Services Overview Migration Services

AWS Migration Services Overview

- AWS Application Discovery Service
- AWS Database Migration Service
- AWS Server Migration Service
- AWS Snowball
- AWS Snowball Edge
- AWS Snowmobile



Migration & Transfer

AWS Migration Hub

Application Discovery Service

Database Migration Service

Server Migration Service

AWS Transfer for SFTP

Snowball

DataSync

AWS Application Discovery Service

AWS Application Discovery Service (ADS)

- AWS ADS can help you plan application migration projects by automatically identifying applications running in on-prem DCs, their dependencies and performance profiles
- AWS ADS collects configuration and usage data from servers, storage, and networking equipment to develop a list of applications, how they perform, and how they are interdependent



AWS Database Migration Service

AWS Database Migration Service (DMS)

- AWS Database Migration Service helps you migrate databases to AWS easily and securely
- The source database remains fully operational during the migration, minimizing downtime to applications that rely on the database
- AWS Database Migration Service can also be used for continuous data replication with high availability



AWS Server Migration Service

AWS Server Migration Service

- AWS Server Migration Service (SMS) is an agentless service which makes it easier and faster for you to migrate thousands of on-premises workloads to AWS
- AWS SMS allows you to automate, schedule, and track incremental replications of live server volumes, making it easier for you to coordinate large-scale server migrations



AWS Snowball

AWS Snowball Services

AWS Snowball Services are AWS data transport solutions that use secure appliances to transfer large amounts of data into and out of AWS

Think of Snowball as extremely large USB Sticks

You use AWS Snowball services when the time it takes to transfer data between on-prem DC and AWS it's insanely big and the goal is to minimize the data migration time

AWS Snowball

AWS Snowball is a petabyte-scale data transport solution that uses secure appliances to transfer large amounts of data into and out of AWS

- The use of Snowball addresses common
- challenges with largescale data transfers
- including high network costs, long transfer
- times, and security concerns
- Data transfer with Snowball is simple, fast, secure and can be as little as one-fifth the cost of high-speed Internet

AWS Snowball Edge

AWS Snowball Edge

AWS Snowball Edge is a 100 TB data transfer device with on-board storage and compute capabilities

You can use Snowball Edge to move large amounts of data into and out of AWS

Storage capacity (usable capacity)	Snowball	Snowball Edge
50 TB (42 TB) - US regions only	✓	
80 TB (72 TB)	/	
100 TB (83 TB)		1
100 TB Clustered (45 TB per node)		1

AWS Snowmobile

AWS Snowmobile

AWS Snowmobile is exabyte-scale data transfer service used to move extremely large amounts of data to AWS

You can transfer up to 100 PB per Snowmobile, secure, fast, and cost effective



Thank you