Amazon Web Services, Part 8 of 8: Migration

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Meet the expert: David Fraas is a technology evangelist specializing in cloud cover.His passion has become his expertise in web applications, product marketing and cloud solutions architecture. David is a certified cloud architect and has been providing his digital leadership through consulting and training for over 15 years. His company, Digital6 Technologies architects, builds and manages excellent cloud solutions for data migration, backup and disaster recovery.

Prerequisites: The AWS Essentials course is for those who are new to Amazon Web Services. We also dive deeper into AWS's core services. This course assumes you've watched the previous parts in the series.

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Course description: AWS migration services make it easy for your business to migrate your data and virtual machines to the cloud. In this course we review all the migration services. We will start off with reviewing the benefits of the migration hub - a place to track the progress of your application migrations across multiple AWS and partner solutions. We then cover the AWS Application Discovery Service, which helps businesses with hundred to thousands of resources plan their migration projects by gathering information about their on-premises data centers.Next we dive into the AWS Database Migration Service, which, you guessed it, helps you migrate your databases to AWS quickly and securely. The next topic covers the AWS Server Migration Service, an agentless service which makes it easier and faster for you to migrate your thousands of on-premises workloads to AWS. And finally we look at AWS's mobile storage devices Snowball, which are a petabyte-scale data transport solution that uses secure appliances to transfer large amounts of data into and out of the AWS cloud.

Course outline:

Application Discovery Service
- Introduction
- AWS Application Discovery Service
- AWS Migration Hub
- Application Discovery Service
- Demo: Application Discovery Service
- Summary

Database Migration Service
- Introduction
- AWS Database Migration Service
- AWS DMS
- Demo: DMS Service
- Demo: Endpoints and Tasks
- Demo: Create a Task
- Summary

Server Migration Service
- Introduction
- AWS Server Migration Service
- Server Migration Service
- Demo: SMS
- Summary

Snowball
- Introduction
- AWS Snowball
- When to Use Snowball
- Snowball - Types
- Snowball - Appliance Types
- Snowball versus Snowball Edge
- Demo: Snowball
- Demo: Snowball Continued
- Summary