

AWS Intermediate Services



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<http://bit.ly/aws-intermediate>

Azat

- >> 14 books
- >> Capital One Technology Fellow (modeled after IBM and Google Fellows)
- >> 2 Masters: in Information Systems Technology from University of Northern Virginia (2007) and Software Engineering from Harvard (~2019, work in progress)

Overview

- >> DATABASE: Overview of AWS Database services
- >> Compute: Overview of AWS Compute services
- >> Elastic Beanstalk:
- >> Networking: Overview of AWS Network Services • VPC
- >> Application Services: Overview of AWS Application services

DATABASE: Overview of AWS Database services

RDS

Database Migration Service

Amazon DynamoDB

Amazon ElastiCache

Amazon Redshift

Petabyte-scale data warehouse for large amount of infrequently accessed data

RDS:

- >> Aurora
- >> PostgreSQL
- >> MySQL
- >> MariaDB
- >> Oracle
- >> MS SQL Server

EC2

Elastic Beanstalk

Lambda

Auto Scaling

Elastic Load Balancing

Elastic Beanstalk:

- What is it?
- What does an instance set up?
- Setup a simple elastic beanstalk instance for a website ○

Dashboard

- Monitoring

○ **Networking**

VPC

AWS Direct Connect

Elastic Load Balancing

Amazon Route 53

Application Services

Overview of AWS Application services

API Gateway

AppStream

CloudSearch

Elastic Transcoder

SES

SNS

Notifications

SQS: Simple Queuing service

SWF

