Day - 1

-
  - o Overview
  - o What is Amazon ECS?
  - o Examining ECS Capabilities
  - o Understanding Costs
  - o ECS Use Cases
  - o ECS vs. Other Services

-
  - o How ECS Works
  - o Container Agent
  - o Creating a Cluster
  - o Task Definitions
  - o Scheduling Tasks
  - o Working with Services
  - o Load Balancing
  - o Autoscaling
  - o Understanding Elastic Container Registry (ECR)

- o L
  - o Build and Publish a Container in AWS to an ECR Repository

-
  - o Migrating to Containers
  - o Understanding the Application Architecture
  - o Building from Source
  - o Creating a Container Image
  - o Publishing to ECR
  - o Section Conclusion and Summary

- L
  - o Creating a Multi-Node ECS Cluster in AWS
  - o Deploying a Task Using AWS Fargate
  - o Creating a Load-Balanced Service in Amazon ECS

Day - 2

-
  - Going Live
  - Deploying to an EC2 Cluster
  - Deploying with Fargate
  - Deploying to ECS from the CLI
  - Cloud Watch Monitoring for Containers
  - Updating in Production
  - Automating with the CLI
  - Configuring Autoscaling

- L

  - Configuring Auto Scaling Rules for an AWS Fargate Cluster
  - Updating a Running Amazon ECS Application
  - Sending SNS Alerts for Amazon ECS Events

- L

  - Trigger a Batch Process using Amazon SQS
  - Using Parameter Store and IAM Roles in AWS