

Automate Container Services in AWS

This advanced Automate Container Services in AWS online training prepares DevOps engineers to set up a highly scalable and highly available container infrastructure through automated processes and tasks that you control. This training shows you and your teams how to minimize those costs through automation. Administrators with this training will learn how to automate the scaling of their clusters, pushing of repositories, and performance management.

[CBT Nuggets course material](#) →

WEEK 1

Automate Docker Engine with Python and Docker 1py min.

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Pull Container Images with Docker and Python	12
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Create Sample Application and Push to Amazon ECR	10
Create AWS IAM Role for Lambda Function and Deploy	7
Use the AWS CLI to Create Lambda Function from Container	8
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Build a Highly-Available Python Flask API in AWS Fargate

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155 min.

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Craft AWS CodeBuild buildspec.yml and Run Project	9
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Host Containers in AWS Using ECR, ECS, and Fargate

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Attach AWS Secrets Manager to Fargate Tasks	7
Attach Amazon EFS Storage to Fargate Tasks	4

Register and Deploy Containers with ECR and ECS

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Leverage EC2 Image Builder to Automate Operating System Image Builds

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