DevOpsSchool

Course curriculum · November 2026

AWS SERVICES · TRAINING PROGRAM

AWS ECS Deep Dive Course

A practical, hands-on AWS ECS Deep Dive Course curriculum: 51 topics over 2 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	51 topics over 2 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/aws/aws-ecs-deep-dive.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether AWS ECS Deep Dive Course matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 51 TOPICS OVER 2 DAYS

Day 1

30 topics · Exploring ECS

Day 2

21 topics · ECS in Production

AGENDA · 51 TOPICS OVER 2 DAYS

AWS ECS Deep Dive Course agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

30 topics

1. Exploring ECS
2. Overview
3. What is Amazon ECS?
4. Examining ECS Capabilities
5. Understanding Costs
6. ECS Use Cases
7. ECS vs. Other Services
8. ECS Architecture
9. How ECS Works
10. Container Agent
11. Creating a Cluster
12. Task Definitions
13. Scheduling Tasks
14. Working with Services
15. Load Balancing
16. Autoscaling
17. Understanding Elastic Container Registry (ECR)
18. Hands-on Lab
19. Build and Publish a Container in AWS to an ECR Repository
20. Containerizing an Application
21. Migrating to Containers
22. Understanding the Application Architecture
23. Building from Source
24. Creating a Container Image
25. Publishing to ECR
26. Section Conclusion and Summary
27. Hands-on Labs
28. Creating a Multi-Node ECS Cluster in AWS
29. Deploying a Task Using AWS Fargate
30. Creating a Load-Balanced Service in Amazon ECS

DAY 2

21 topics

31. ECS in Production
32. Going Live
33. Deploying to an EC2 Cluster
34. Deploying with Fargate

35. Deploying to ECS from the CLI
36. CloudWatch Monitoring for Containers
37. Updating in Production
38. Automating with the CLI
39. Configuring Autoscaling
40. Hands-on Labs
41. Configuring Auto Scaling Rules for an AWS Fargate Cluster
42. Updating a Running Amazon ECS Application
43. Sending SNS Alerts for Amazon ECS Events
44. ECS Design Patterns & Practices
45. ECS in the Real World
46. Batch Processing
47. CI/CD Integration
48. Using Parameter Store and IAM Roles
49. Automating Container Instance Draining
50. Trigger a Batch Process using Amazon SQS
51. Using Parameter Store and IAM Roles in AWS

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “Very well organized training, helped a lot to understand the AWS concept and detailed related to various tools. Very helpful”
>
> Sumit Kulkarni, Software Engineer

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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