



AWS Ramp-Up Guide: Containers

For developers, engineers, and DevOps engineers

This guide can help developers and DevOps engineers learn how to build and run containerized applications using AWS Container Services. You'll also learn how to orchestrate and manage container resources with a focus on scaling, security, networking, monitoring, and reliability. If you want to track your progress, try our [Container Learning Plan](#). To provide suggestions on Ramp-Up Guides, please contact rampupguides@amazon.com.

Fundamentals of the AWS Cloud and Containers		
Learning Resource	Duration	Type
AWS Ramp-Up Guide: Cloud Essentials		Ramp-Up Guide
Introduction to Containers	15 minutes	Digital Training
Elastic Kubernetes Service		
Learning Resource	Duration	Type
Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)	3 days	Instructor-led Training
Getting Started with Amazon EKS Anywhere	30 minutes	Digital Training
Amazon EKS Primer	1 hour 15 min	Digital Training
Building and Deploying a Containerized Application with Amazon Elastic Kubernetes Service	1 hour	Self-paced Lab
Deploying an Amazon EKS application using CDK8s	1 hour 30 min	Self-paced Lab
Troubleshooting: Amazon Elastic Kubernetes Service (Amazon EKS)	1 hour	Digital Training
Elastic Container Service		
Learning Resource	Duration	Type
Getting Started with Amazon ECS	30 minutes	Digital Training
Amazon Elastic Container Service (ECS) Primer	30 minutes	Digital Training
Building Enterprise Architectures in Amazon ECS	1 hour 30 min	Digital Training
Building and Deploying Containers Using Amazon Elastic Container Service	1 hour 30 min	Self-paced Lab
Working with Amazon Elastic Container Service	1 hour	Self-paced Lab
Managing the Application Lifecycle in Amazon ECS	1 hour 30 min	Digital Training
Managing Applications at Scale with Amazon ECS	1 hour 30 min	Digital Training
Observing, Troubleshooting, and Optimizing Workloads Running on Amazon ECS	2 hours 30 min	Digital Training



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Elastic Registry Service		
Learning Resource	Duration	Type
Getting Started with Amazon ECR	30 minutes	Digital Training
Introduction to Amazon Elastic Container Registry	1 hour	Self-paced Lab
Deploying Your First AWS Lambda Container	2 hours	Self-paced Lab
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Fargate		
Learning Resource	Duration	Type
Getting Started with AWS Fargate	30 minutes	Digital Training
Create a CI/CD pipeline to deploy your app to AWS Fargate	1 hour	Self-paced Lab
Security		
Learning Resource	Duration	Type
Deep Dive on Container Security	30 minutes	Digital Training
With Our Training Partners		
Learning Resource	Duration	Type
Containerized Applications on AWS	12 hours	Coursera Digital Training
Containerized Applications on AWS	12 hours	edX Digital Training
Additional Resources		
Learning Resource		Type
What is Docker		Webpage
Containers at AWS		Webpage
ECS Workshop		Workshop
EKS Workshop		Workshop
AWS Fargate under the hood		Video



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**For a training plan
customized for your
requirements,
contact your AWS Account
Manager or contact us [here](#)**

**We would love to hear from
you.
Provide your feedback on this
AWS Ramp-Up Guide [here](#)**