



# AWS Ramp-Up Guide: Containers

For developers, engineers, and DevOps engineers

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to the Containers domain. This Ramp-Up Guides is not intended to be consumed entirely. Different sections tackle different objectives. Some resources will be less relevant to you today. The guide will help you decide where you want to start your learning journey, and which step should be your next.

[Share your opinion](#) of this Ramp-Up Guide with us!

Learn the Fundamentals of the AWS Cloud			
Learning Resource			Type
AWS Ramp-Up Guide: Cloud Essentials			<a href="#">Ramp-Up Guide</a>
Introduction to Containers	Fundamental	0.3	<a href="#">Digital Training</a>
Containers with EKS			
Learning Resource		Duration (hrs)	Type
Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)	Intermediate	18	<a href="#">Instructor-led Training</a>
Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS) (Digital)	Intermediate	18.0	<a href="#">Digital Classroom Training</a>
Getting Started with Amazon EKS Anywhere	Fundamental	0.5	<a href="#">Digital Training</a>
Amazon EKS Primer	Fundamental	1.3	<a href="#">Digital Training</a>
\$ Building and Deploying a Containerized Application with Amazon Elastic Kubernetes Service	Intermediate	1	<a href="#">Self-paced Lab</a>
\$ Deploying an Amazon EKS application using CDK8s	Intermediate	1.5	<a href="#">Self-paced Lab</a>
Troubleshooting: Amazon Elastic Kubernetes Service (Amazon EKS)	Intermediate	1	<a href="#">Digital Training</a>
Containers with ECS			
Learning Resource		Duration (hrs)	Type
Getting Started with Amazon ECS	Fundamental	0.5	<a href="#">Digital Training</a>
Building Enterprise Architectures in Amazon ECS	Advanced	1.5	<a href="#">Digital Training</a>
\$ Building and Deploying Containers Using Amazon Elastic Container Service	Fundamental	1.5	<a href="#">Self-paced Lab</a>
\$ Working with Amazon Elastic Container Service	Fundamental	1.0	<a href="#">Self-paced Lab</a>
Managing the Application Lifecycle in Amazon ECS	Advanced	1.5	<a href="#">Digital Training</a>



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Managing Applications at Scale with Amazon ECS	Advanced	1.5	<a href="#">Digital Training</a>
Observing, Troubleshooting, and Optimizing Workloads Running on Amazon ECS	Advanced	2.5	<a href="#">Digital Training</a>
\$ AWS Jam Journey: Container service Amazon EKS		3+	<a href="#">Game-based Learning</a>

## Elastic Container Registry

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon ECR	Fundamental	0.5	<a href="#">Digital Training</a>
\$ Introduction to Amazon Elastic Container Registry	Fundamental	1.0	<a href="#">Self-paced Lab</a>
\$ Deploying Your First AWS Lambda Container	Intermediate	2	<a href="#">Self-paced Lab</a>

## Fargate

Learning Resource		Duration (hrs)	Type
Getting Started with AWS Fargate	Fundamental	0.5	<a href="#">Digital Training</a>
\$ Create a CI/CD pipeline to deploy your app to AWS Fargate	Intermediate	1.0	<a href="#">Self-paced Lab</a>

## Security

Learning Resource		Duration (hrs)	Type
Deep Dive on Container Security	Advanced	0.5	<a href="#">Digital Training</a>

## With Our Training Partners

Learning Resource		Duration (hrs)	Type
\$ Containerized Applications on AWS	Intermediate	12	<a href="#">Coursera Digital Training</a>
\$ Containerized Applications on AWS	Intermediate	12.0	<a href="#">edX Digital Training</a>

## Additional Resources

Learning Resource			Type
What is Docker			<a href="#">Webpage</a>
Containers at AWS			<a href="#">Webpage</a>
ECS Workshop			<a href="#">Workshop</a>



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EKS Workshop

[Workshop](#)

AWS Fargate under the hood

[Video](#)

Best practices for CI/CD using AWS Fargate and Amazon ECS

[Video](#)

Docker on Amazon ECS Fargate Using CloudFormation

[Video](#)

Deep Dive Into Container Networking - AWS Online Tech Talks

[Video](#)

AWS App2Container – A New Containerizing Tool for Java and .NET Applications

[Blog](#)

De-mystifying cluster networking for Amazon EKS Worker nodes

[Blog](#)