



# AWS Ramp-Up Guide: DevOps Engineer

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to pursuing the role of DevOps Engineer. This guide 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		Duration (hrs)	Type
AWS Ramp-Up Guide: Cloud Essentials	Fundamental		<a href="#">Ramp-Up Guide</a>
Introduction to AWS Command Line Interface (CLI)	Fundamental	0.2	<a href="#">Digital Training</a>

## .NET Development

Learning Resource		Duration (hrs)	Type
AWS Tools to Develop, Run, and Modernize .NET Workloads	Fundamental	1.0	<a href="#">Digital Training</a>
.NET Workloads on AWS App Runner	Intermediate	2.0	<a href="#">Digital Training</a>
.NET Workloads on AWS Lambda <b>or...</b>	Intermediate	1.5	<a href="#">Digital Training</a>
\$ .NET Workloads on AWS Lambda (Includes Labs)	Intermediate	3.0	<a href="#">Digital Training + Labs</a>
.NET Workloads on Amazon ECS and AWS Fargate <b>or...</b>	Intermediate	3.0	<a href="#">Digital Training</a>
\$ .NET Workloads on Amazon ECS and AWS Fargate (includes labs)	Intermediate	3.0	<a href="#">Digital Training + Labs</a>

## Cloud Design and Operations

Learning Resource		Duration (hrs)	Type
AWS Identity and Access Management - Architecture and Terminology	Fundamental	0.3	<a href="#">Digital Training</a>
Subnets, Gateways, and Route Tables Explained	Fundamental	0.3	<a href="#">Digital Training</a>
Introduction to AWS Auto Scaling	Fundamental	0.2	<a href="#">Digital Training</a>
Introduction to AWS Command Line Interface (CLI)	Fundamental	0.2	<a href="#">Digital Training</a>
Introduction to AWS Management Console	Fundamental	0.3	<a href="#">Digital Training</a>
\$ Automating AWS Services with Scripting and the AWS CLI	Intermediate	1.3	<a href="#">Self-Paced Lab</a>
\$ AWS Tools for Windows PowerShell: Getting Started	Fundamental	1.0	<a href="#">Self-Paced Lab</a>

## Governance



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Learning Resource		Duration (hrs)	Type
Basics of AWS Managed Services (AMS)		0.3	<a href="#">Digital Training</a>
Getting Started with AWS Control Tower		1.0	<a href="#">Digital Training</a>

  

Monitoring and Observability			
Learning Resource		Duration (hrs)	Type
AWS Observability	Intermediate	5.0	<a href="#">Digital Training</a>
Introduction to Amazon CloudWatch Logs	Fundamental	0.2	<a href="#">Digital Training</a>
Introduction to Amazon CloudWatch Logs Insights	Fundamental	0.2	<a href="#">Digital Training</a>
Getting Started with Amazon Managed Service for Prometheus	Fundamental	1.0	<a href="#">Digital Training</a>
Introduction to AWS Trusted Advisor	Fundamental	0.2	<a href="#">Digital Training</a>

  

Centralized Operations Management			
Learning Resource		Duration (hrs)	Type
Getting Started with AWS Systems Manager	Fundamental	1.0	<a href="#">Digital Training</a>

  

Configuration, Compliance, and Auditing			
Learning Resource		Duration (hrs)	Type
Getting Started with AWS CloudTrail	Fundamental	1.0	<a href="#">Digital Training</a>
Getting Started with AWS Audit Manager	Fundamental	1.5	<a href="#">Digital Training</a>

  

Provisioning and Orchestration			
Learning Resource		Duration (hrs)	Type
Getting Started with AWS CloudFormation	Fundamental	0.3	<a href="#">Digital Training</a>
Troubleshooting: AWS CloudFormation Stacks	Fundamental	0.5	<a href="#">Digital Training</a>
\$ Introduction to AWS CloudFormation Designer	Fundamental	0.6	<a href="#">Self-Paced Lab</a>
\$ Creating an Amazon Virtual Private Cloud (VPC) with AWS CloudFormation	Fundamental	1.0	<a href="#">Self-Paced Lab</a>
\$ Introduction to AWS CloudFormation	Fundamental	0.8	<a href="#">Self-Paced Lab</a>
\$ Launching and Managing a Web Application with AWS CloudFormation	Intermediate	2.0	<a href="#">Self-Paced Lab</a>
Introduction to AWS Service Catalog	Fundamental	0.2	<a href="#">Digital Training</a>



# AWS Ramp-Up Guide: DevOps Engineer

Learn with Peers				
Learning Resource		Duration (hrs)	Type	
\$ Cloud Operations on AWS	Intermediate	18.0	<a href="#">Classroom Training</a>	
\$ Developing on AWS	Intermediate	18.0	<a href="#">Classroom Training</a>	
\$ DevOps Engineering on AWS	Intermediate	18.0	<a href="#">Classroom Training</a>	

Additional Labs				
Learning Resource		Duration (hrs)	Type	
\$ Introduction to AWS Identity and Access Management (IAM)	Fundamental	0.4	<a href="#">Self-Paced Lab</a>	
\$ Automating AWS Services with Scripting and the AWS CLI	Intermediate	1.3	<a href="#">Self-Paced Lab</a>	
\$ Launching and Managing a Web Application with AWS CloudFormation	Intermediate	0.9	<a href="#">Self-Paced Lab</a>	
\$ Automate Application testing Using AWS CodeBuild	Advanced	1.0	<a href="#">Self-Paced Lab</a>	

Additional Resources		
Learning Resource		Type
AWS Power Hour: DevOps Engineer Associate (Exam Prep)		<a href="#">On-demand Broadcast</a>
Tools to Build on AWS		<a href="#">Webpage</a>
Learn how to migrate your ASP.NET app to AWS in minutes!		<a href="#">Tutorial</a>
Best practices for CI/CD using AWS Fargate and Amazon ECS		<a href="#">Video</a>
Build a Modern Web Application in your preferred language		<a href="#">Workshop</a>
Modernization Workshops with 3rd Party Integration		<a href="#">Workshop</a>
CI/CD for serverless applications		<a href="#">Workshop</a>
AWS Certified DevOps Engineer - Professional Exam Guide		<a href="#">Exam Guide</a>
AWS Certified DevOps Engineer - Professional		<a href="#">Webpage</a>