



AWS Ramp-Up Guide: Serverless

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 Serverless domain. 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			Type
AWS Ramp-Up Guide: Cloud Essentials			Ramp-Up Guide

Serverless Fundamentals			
Learning Resource		Duration (hrs)	Type
Getting into a Serverless Mindset	Fundamental	0.5	Digital Training
AWS Lambda Foundations	Fundamental	1.0	Digital Training
\$ Introduction to AWS Lambda	Fundamental	0.6	Self-paced Lab

Serverless Design			
Learning Resource		Duration (hrs)	Type
Designing Event-Driven Architectures	Intermediate	2.0	Digital Training
Architecting Serverless Applications	Intermediate	2.0	Digital Training

Advanced Serverless Concepts			
Learning Resource		Duration (hrs)	Type
Scaling Serverless Architectures	Intermediate	1.5	Digital Training
Security and Observability for Serverless Applications	Intermediate	1.5	Digital Training
Deploying Serverless Applications	Intermediate	1.5	Digital Training
Amazon API Gateway for Serverless Applications	Fundamental	2.0	Digital Training
\$ Troubleshooting API Gateway with Lambda Proxy	Intermediate	1.0	Self-Paced Lab
\$ Developing Serverless Solutions on AWS ... <i>or</i> ...	Intermediate	18.0	Classroom Training
\$ Developing Serverless Solutions on AWS (Digital)	Intermediate	18.0	Digital Classroom Training
Earn a Serverless Learning Badge			Learning Plan



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Game-based Learning			
Learning Resource		Duration (hrs)	Type
AWS Cloud Quest: Serverless Developer Role		12+	Game-based Learning

From our Training Partners			
Learning Resource		Duration (hrs)	Type
Serverless Architectures on AWS	Fundamental	10.0	Coursera Digital Training
Serverless Architectures on AWS	Fundamental	10.0	edX Digital Training
Python for Serverless Applications and Automation on AWS	Fundamental	9.0	Coursera Digital Training

Additional Resources			
Learning Resource			Type
Lambda Getting Started			Documentation
Getting Started with Serverless Workshop			Workshop
Getting Started with AWS Lambda and Serverless Computing - AWS Online Tech Talks			Video
The Complete AWS SAM Workshop			Workshop
Serverless tutorials / hands-on activities			Workshop
Building microservices with AWS Lambda			Video
Serverless architectural patterns and best practices			Video
Best practices for organizing larger serverless applications			Blog
Moving to event-driven architectures			Video
Scalable serverless event-driven applications using Amazon SQS & Lambda			Video