

# AWS Ramp-Up Guide: Architect

## For AWS Cloud Architects, Solutions Architects and Engineers

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AWS Training and Certification has created this and other **AWS Ramp-Up Guides** to help build your knowledge of the AWS Cloud. Each expertly curated guide features free digital training, classroom courses, videos, whitepapers, certifications, and other information you're looking for. To enroll in training and certification exams, and track your progress, visit [aws.training](https://aws.training) and set up a free account.

### Learn the fundamentals of AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
What is Cloud Computing?	10 minutes	<a href="#">Webpage »</a>
Overview of AWS	2 hours	<a href="#">Whitepaper »</a>
<i>AWS Cloud Practitioner Essentials (Second Edition)</i>	6+ hours	<a href="#">Digital Training »</a>
Cloud Computing with AWS	10 minutes	<a href="#">Webpage »</a>
AWS Glossary	30 minutes	<a href="#">Whitepaper »</a>
<i>Job Roles in the Cloud</i>	30 minutes	<a href="#">Digital Training »</a>

### Step 1: Learn cloud architect fundamentals

LEARNING RESOURCE	DURATION	TYPE
Introduction to the AWS Well-Architected Framework	2 hours	<a href="#">Whitepaper »</a>
AWS Well-Architected Framework - information and resources	10 minutes	<a href="#">Webpage »</a>
How AWS Pricing Works	45 minutes	<a href="#">Whitepaper »</a>
<i>AWS Technical Essentials</i>	1 day	<a href="#">Classroom Training »</a>
<i>AWS Shared Responsibility Model</i>	5 minutes	<a href="#">Digital Training »</a>
<i>AWS Well-Architected Training</i>	1.5 hours	<a href="#">Digital Training »</a>

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### Step 2: Learn AWS Cloud Architecting concepts and best practices

LEARNING RESOURCE	DURATION	TYPE
<i>Architecting on AWS</i>	3 days	<a href="#">Classroom Training »</a>
<i>Advanced Architecting on AWS</i>	3 days	<a href="#">Classroom Training »</a>
<b>OPTIONAL</b> <i>Architecting on AWS - Accelerator</i>	5 days	<a href="#">Classroom Training »</a>
<i>Exam Readiness Intensive Workshop: AWS Certified Solutions Architect - Associate</i>	5 days	<a href="#">Classroom Training »</a>
AWS Architecture Center*	15 minutes	<a href="#">Webpage »</a>
AWS CLI Introduction	48 minutes	<a href="#">Video »</a>
Sample CloudFormation Templates	10 minutes	<a href="#">Webpage »</a>
Well-Architected Labs	2 hours	<a href="#">Hands-on Lab »</a>
Best Practices for Building Amazon Machine Images (AMIs)	10 minutes	<a href="#">Webpage »</a>
AWS Security Best Practices	2 hours	<a href="#">Whitepaper »</a>
Introduction to AWS Security by Design	30 minutes	<a href="#">Whitepaper »</a>
AWS Database Migration Service Best Practices	30 minutes	<a href="#">Whitepaper »</a>
Using AWS for Disaster Recovery	5 minutes	<a href="#">Webpage »</a>
Right Sizing: Provisioning Instances to Match Workloads	1 hour	<a href="#">Whitepaper »</a>
Overview of Security Processes	2.5 hours	<a href="#">Whitepaper »</a>
Managing Your AWS Infrastructure at Scale	1 hour	<a href="#">Whitepaper »</a>
Serverless Architectural Patterns and Best Practices (from AWS re:Invent)	1 hour	<a href="#">Video »</a>
<i>Architecting Serverless Solutions</i>	3 hours	<a href="#">Digital Training »</a>
Serverless Application Lens	2.5 hours	<a href="#">Whitepaper »</a>

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### Step 2: Learn AWS Cloud Architecting concepts and best practices

LEARNING RESOURCE	DURATION	TYPE
Building a Scalable and Secure Multi-VPC AWS Network	2 hours	<a href="#">Whitepaper »</a>
ITIL Event Management in the Cloud	30 minutes	<a href="#">Whitepaper »</a>
Backup and Recovery Approaches Using AWS	30 minutes	<a href="#">Whitepaper »</a>
Amazon Virtual Private Cloud Connectivity Options	45 minutes	<a href="#">Whitepaper »</a>
Modern Application Development on AWS	1 hour	<a href="#">Whitepaper »</a>
Securing Data at Rest with Encryption	30 minutes	<a href="#">Whitepaper »</a>
Web Application Hosting in the AWS Cloud	30 minutes	<a href="#">Whitepaper »</a>
Migrating AWS Resources to a New Region	1 hour	<a href="#">Whitepaper »</a>
Overview of Deployment Options on AWS *	2 hours	<a href="#">Whitepaper »</a>
Guidelines for Implementing AWS WAF *	2 hours	<a href="#">Whitepaper »</a>

### Step 3: Prepare for and take the *AWS Certified Solutions Architect – Associate or Professional* exam

LEARNING RESOURCE	DURATION	TYPE
Prepare for Your AWS Certification Exam	1 hour	<a href="#">Webpage »</a>
<i>Exam Readiness: AWS Certified Solutions Architect – Associate</i>	2 hours	<a href="#">Digital Training »</a>
	4 hours	<a href="#">Classroom Training »</a>
<i>Exam Readiness: AWS Certified Solutions Architect – Professional</i>	4 hours	<a href="#">Digital Training »</a>
	1 day	<a href="#">Classroom Training »</a>
AWS Certified Solutions Architect	15 minutes	<a href="#">Webpage »</a>
AWS Certified Solutions Architect	10 minutes	<a href="#">Exam Guide »</a>
	30 minutes	<a href="#">Sample Questions »</a>

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Explore additional resources

LEARNING RESOURCE	DESCRIPTION	
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training. Filter according to your preferences, or find a specific course using the "Search" box.	<a href="#">Explore »</a>
AWS Whitepapers & Guides	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all authored by AWS and the AWS community.	<a href="#">Explore »</a>
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	<a href="#">Explore »</a>
AWS Events & Webinars	Connect with, collaborate with, and learn from AWS experts. Key events include AWS.	<a href="#">Explore »</a>
AWS Podcast	Listen and learn about AWS.	<a href="#">Explore »</a>
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	<a href="#">Explore »</a>
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	<a href="#">Explore »</a>
AWS Knowledge Center	Review AWS Support's responses to AWS customers' most frequently asked questions.	<a href="#">Explore »</a>
AWS FAQs	Find answers to product- and technical-related frequently asked questions.	<a href="#">Explore »</a>
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	<a href="#">Explore »</a>
AWS Solutions Library	Use vetted, technical reference implementations designed to help you solve common problems and build faster.	<a href="#">Explore »</a>
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	<a href="#">Explore »</a>

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](#)