

AWS Ramp-Up Guide: Cloud Practitioner

For Business and Technical Professionals

Updated March 2021

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 and set up a free account. To provide suggestions on Ramp-Up Guides, please contact rampupguides@amazon.com

Step 1: Learn the fundamentals of the AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
What is Cloud Computing?	10 minutes	Webpage »
What is AWS?	5 minutes	Video »
Types of Cloud Computing	10 minutes	Webpage »
Cloud Computing with AWS	10 minutes	Webpage »
AWS Fundamentals Overview	10 minutes	Webpage »
AWS Fundamentals Core Concepts	1 hour	Webpage »
Overview of AWS	2 hours	Whitepaper »
AWS Global Infrastructure	20 minutes	Webpage »
AWS Glossary	30 minutes	Whitepaper »
<i>Job Roles in the Cloud</i>	30 minutes	Digital Training »

Step 2: Dive deeper into AWS Cloud fundamentals, including AWS pricing and support, and core AWS services

LEARNING RESOURCE	DURATION	TYPE
<i>AWS Cloud Practitioner Essentials</i>	6 hours	Digital Training »
	1 day	Classroom Training »
AWS Cloud Security	10 minutes	Webpage »
Shared Responsibility Model	10 minutes	Webpage »

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Step 2: Dive deeper into AWS Cloud fundamentals, including AWS pricing and support, and core AWS services

LEARNING RESOURCE	DURATION	TYPE
AWS Pricing	10 minutes	Webpage »
How AWS Pricing Works	45 minutes	Whitepaper »
Compare AWS Support Plans	15 minutes	Webpage »
Getting Started with Cloud Acquisition	80 minutes	Digital Training »
<i>AWS Well-Architected</i>	1.5 hours	Digital Training »
<i>AWS Foundations: Getting Started with the AWS Cloud Essentials</i>	1 hour	Digital Training »
<i>AWS Foundations: Securing Your AWS Cloud</i>	50 minutes	Digital Training »
<i>AWS Compute Services Overview</i>	5 minutes	Digital Training »
Amazon Simple Storage Service (S3)	10 minutes	Infographic »
AWS Databases – the right tool, for the right job	10 minutes	Infographic »
<i>Amazon RDS Service Introduction</i>	5 minutes	Digital Training »
<i>Introduction to Amazon Virtual Private Cloud (VPC)</i>	10 minutes	Digital Training »
<i>Introduction to Identity and Access Management (IAM)</i>	10 minutes	Digital Training »
<i>Introduction to Organizations</i>	10 minutes	Digital Training »
<i>Introduction to AWS Auto Scaling</i>	10 minutes	Digital Training »
<i>Introduction to Amazon Elastic Load Balancer - Application</i>	15 minutes	Digital Training »
<i>Introduction to Containers</i>	15 minutes	Digital Training »
Web Application Hosting in the AWS Cloud	45 minutes	Whitepaper »

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Step 3: Get hands-on experience

LEARNING RESOURCE	DURATION	TYPE
Introduction to AWS Identity and Access Management (IAM)	25 minutes	Hands-On Lab »
Introduction to Amazon EC2	1 hour	Hands-On Lab »
Introduction to Amazon Virtual Private Cloud (VPC)	55 minutes	Hands-On Lab »
Introduction to Amazon Simple Storage Service (S3)	1 hour	Hands-On Lab »
Introduction to Amazon Elastic Block Store (EBS)	45 minutes	Hands-On Lab »
Introduction to Amazon CloudFront	55 minutes	Hands-On Lab »
Host a Static Website	30 minutes	Hands-On Lab »
Store and Retrieve a File	10 minutes	Hands-On Lab »
Walkthrough of the Well-Architected Tool	30 minutes	Hands-On Lab »

Step 4: Get certified: Prepare for and take the AWS Certified Cloud Practitioner Certification Exam

LEARNING RESOURCE	DURATION	TYPE
AWS Certified Cloud Practitioner exam guide and sample questions	1 hour	Exam Guide »
		Sample questions »
AWS Certified Cloud Practitioner practice exam	2 hours	Practice Exam »
AWS Certified Cloud Practitioner exam	1.5 hours	Exam »

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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.	Explore »
AWS Whitepapers & Guides	Authored by AWS and the AWS community, explore technical whitepapers, technical guides, reference material, and reference architecture diagrams.	Explore »
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events and Webinars	Connect with, collaborate with, and learn from AWS experts.	Explore »
AWS Podcast	Listen and learn about AWS.	Explore »
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	Explore »
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »
AWS Knowledge Center	Review AWS Support’s responses to AWS customers’ most frequently asked questions.	Explore »
AWS FAQs	Find answers to common Product and Technical frequently asked questions.	Explore »
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	Explore »
AWS Solutions Library	Use vetted, technical reference implementations designed to help you solve common problems and build faster.	Explore »
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	Explore »

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](#).