AWS Ramp-Up Guide: Cloud Foundations

aws training and certification

Learn the basics of AWS Cloud—including the AWS Global Infrastructure; compute, storage, database, networking, security, and monitoring—at a foundational level. From this base level of knowledge, expand into other role-based or domain-based areas of expertise. This guide can also help prepare you for the AWS Certified Cloud Practitioner certification exam. If you're interested specifically in digital courses and labs to help you develop these skills, explore the Cloud Practitioner Learning Plan at **explore.skillbuilder.aws**. 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	6 hours	Whitepaper >>
AWS Global Infrastructure	20 minutes	Webpage »
AWS Glossary	30 minutes	Webpage »
Job Roles in the Cloud	30 minutes	Digital Training »

Step 2: Dive deeper into AWS Cloud fundamentals, including AWS pricing and support, and core AWS service		
AWS Cloud Practitioner Essentials	6+ hours	Digital Training »
AWS Cloud Practitioner Essentials (Classroom)	1 day	Classroom Training »
AWS Cloud Security	10 minutes	Webpage »
Shared Responsibility Model	10 minutes	Webpage »
AWS Pricing	10 minutes	Webpage »
How AWS Pricing Works	3.5 hours	Whitepaper »
Compare AWS Support Plans	15 minutes	Webpage »
Getting Started with Cloud Acquisition	80 minutes	Digital Training »
AWS Well-Architected	1.5 hours	Digital Training »

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AWS Foundations: Getting Started with the AWS Cloud Essentials	1 hour	Digital Training »
AWS Foundations: Securing Your AWS Cloud	50 minutes	Digital Training »
AWS Compute Services Overview	5 minutes	Digital Training »
Amazon Simple Storage Service (S3)	10 minutes	Infographic »
Getting Started with Amazon Simple Storage Service (Amazon S3)	2.5 hours	Digital Training »
AWS Databases – the right tool, for the right job	10 minutes	Infographic »
Amazon RDS Service Introduction	5 minutes	Digital Training »
Introduction to Amazon Virtual Private Cloud (VPC)	10 minutes	Digital Training »
Introduction to Identity and Access Management (IAM)	10 minutes	Digital Training »
Introduction to Organizations	10 minutes	Digital Training »
Introduction to AWS Auto Scaling	10 minutes	Digital Training »
Introduction to Amazon Elastic Load Balancer - Application	15 minutes	Digital Training »
Introduction to Containers	15 minutes	Digital Training »
Web Application Hosting in the AWS Cloud	45 minutes	Whitepaper »

Step 3: Get experience with self-paced labs		
Introduction to AWS Identity and Access Management (IAM)	25 minutes	Self-paced Lab »
Introduction to Amazon EC2	1 hour	Self-paced Lab »
Introduction to Amazon Virtual Private Cloud (VPC)	55 minutes	Self-paced Lab »
Introduction to Amazon Simple Storage Service (S3)	1 hour 30 minutes	Self-paced Lab »
Introduction to Amazon Elastic Block Store (EBS)	45 minutes	Self-paced Lab »
Introduction to Amazon CloudFront	55 minutes	Self-paced Lab »
Host a Static Website	30 minutes	Lab »
Store and Retrieve a File	10 minutes	Lab »
Walkthrough of the Well-Architected Tool	30 minutes	Lab »

Step 4: Get certified: Prepare for and take the AWS Certified Cloud Practitioner certification exam		
AWS Certified Cloud Practitioner exam guide	1 hour	Exam Guide »
AWS Certified Cloud Practitioner sample questions		Sample questions »
AWS Certified Cloud Practitioner exam	1.5 hours	Exam »

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Explore additional resources		
Learning Library	15 minutes	Explore »
AWS Whitepapers & Guides	15 minutes	Explore »
AWS User Group	15 minutes	Explore »
AWS Events and Webinars	15 minutes	Explore »
AWS Podcast	15 minutes	Explore »
AWS Blog	15 minutes	Explore »
AWS Documentation	15 minutes	Explore »
AWS Knowledge Center	15 minutes	Explore »
AWS FAQs	15 minutes	Explore »
AWS Hands-On Tutorials	15 minutes	Explore »
AWS Solutions Library	15 minutes	Explore »
AWS YouTube Channel	15 minutes	Explore »
AWS Ramp-Up Guide Feedback	5 minutes	Provide Feedback »

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**

For those learners who have existing Qwiklabs credits or those that want to use Qwiklabs instead of a subscription, you can search for the AWS labs in the Ramp Up Guide **here** and access from Qwiklabs.