

AWS Ramp-Up Guide: Cloud Practitioner

For Business and Technical Professionals

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 » |

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Shared Responsibility Model

10 minutes

[Webpage »](#)

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 » |
| <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](#).