

# AWS Ramp-Up Guide: Networking and Content Delivery

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. To provide suggestions on Ramp-Up Guides, please contact [rampupguides@amazon.com](mailto:rampupguides@amazon.com).

## Learn the fundamentals of AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
AWS Ramp-Up Guide: Cloud Practitioner	10 minutes	<a href="#">Ramp-Up Guide »</a>

## Step 1: Dive deeper into AWS Cloud fundamentals, including AWS pricing and cost management

LEARNING RESOURCE	DURATION	TYPE
How AWS Pricing Works	3.5 hours	<a href="#">Whitepaper »</a>
AWS Well-Architected Framework	7 hours	<a href="#">Whitepaper »</a>
<i>AWS Technical Essentials</i>	1 day	<a href="#">Classroom Training »</a>
<i>Introduction to AWS Billing and Cost Management</i>	10 minutes	<a href="#">Digital Training »</a>
<i>AWS Shared Responsibility Model</i>	5 minutes	<a href="#">Digital Training »</a>
Shared Responsibility Model	10 minutes	<a href="#">Webpage »</a>
Networking and Content Delivery on AWS	15 minutes	<a href="#">Webpage »</a>

## Step 2: Learn AWS Networking & Content Delivery fundamentals

LEARNING RESOURCE	DURATION	TYPE
<i>Understanding CIDR Notation</i>	5 minutes	<a href="#">Digital Training »</a>
<i>Introduction to Amazon Virtual Private Cloud (VPC)</i>	10 minutes	<a href="#">Digital Training »</a>

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## Step 2 continued: Learn AWS Networking & Content Delivery fundamentals

LEARNING RESOURCE	DURATION	TYPE
<i>Subnets, Gateways, and Route Tables Explained</i>	17 minutes	<a href="#">Digital Training »</a>
Building Your First Amazon Virtual Private Cloud (VPC)	1.5 hour	<a href="#">Self-Paced Lab »</a>
<i>Introduction to Amazon CloudFront</i>	10 minutes	<a href="#">Digital Training »</a>
Introduction to Amazon CloudFront	1 hour	<a href="#">Self-Paced Lab »</a>
<i>Amazon Route 53 - Basics of Domain Name System (AWS Support)</i>	15 minutes	<a href="#">Digital Training »</a>
<i>Amazon Route 53 - Amazon Route 53 - Basics</i>	20 minutes	<a href="#">Digital Training »</a>
<i>Introduction to Amazon Route 53 Resolver</i>	10 minutes	<a href="#">Digital Training »</a>
<i>Introduction to Amazon Direct Connect</i>	10 minutes	<a href="#">Digital Training »</a>
<i>Introduction to AWS Global Accelerator</i>	8 minutes	<a href="#">Digital Training »</a>
Introduction to Elastic Load Balancing	50 minutes	<a href="#">Self-Paced Lab »</a>
Working with Elastic Load Balancing	1 hour	<a href="#">Self-Paced Lab »</a>

## Step 3: Learn all about serverless

LEARNING RESOURCE	DURATION	TYPE
<i>Configuring and Deploying VPCs with Multiple Subnets</i>	1 hour	<a href="#">Digital Training »</a>
Building a Scalable and Secure Multi-VPC AWS Network Infrastructure	30 minutes	<a href="#">Whitepaper »</a>
Amazon Virtual Private Cloud Connectivity Options	45 minutes	<a href="#">Whitepaper »</a>
<i>Transit Gateway Networking and Scaling</i>	2 hours	<a href="#">Digital Training »</a>
Hybrid Cloud with AWS	1 hour 40 minutes	<a href="#">Whitepaper »</a>

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## Step 3 continued: Learn all about serverless

LEARNING RESOURCE	DURATION	TYPE
Hybrid Connectivity	4 hours	<a href="#">Whitepaper »</a>
<i>Configure and Deploy AWS PrivateLink</i>	1 hour	<a href="#">Digital Training »</a>

## Step 4: Take the *AWS Certified Advanced Networking – Specialty* exam

LEARNING RESOURCE	DURATION	TYPE
<i>Exam Readiness: AWS Certified Advanced Networking - Specialty</i>	9 hours	<a href="#">Digital Training »</a>
<i>AWS Certified Advanced Networking – Specialty exam guide</i>	10 minutes	<a href="#">Exam Guide »</a>
<i>AWS Certified Advanced Networking – Specialty sample questions</i>	10 minutes	<a href="#">Sample Questions »</a>
<i>AWS Certified Advanced Networking - Specialty certification exam</i>	170 minutes	<a href="#">Exam »</a>

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Explore additional resources		
LEARNING RESOURCE	DESCRIPTION	
Architecture Best Practices for Serverless	Learn how to build modern applications using serverless architectures.	<a href="#">Explore »</a>
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training.	<a href="#">Explore »</a>
AWS Whitepapers & Guides	Explore technical whitepapers, guides, reference material, and architecture diagrams 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 and Webinars	Connect, collaborate, and learn from AWS experts.	<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 common Product and Technical 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	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.

Contact us

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