

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**.

Learn the fundamentals of AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
AWS Ramp-Up Guide: Cloud Practitioner	10 minutes	Ramp-Up Guide »

Step 1: Learn the cloud security fundamentals

LEARNING RESOURCE	DURATION	TYPE
How Should We All Think About Security (from AWS re:Invent)	1 hour	Video »
<i>AWS Fundamentals: Securing your AWS Cloud</i>	50 minutes	Digital Training »
AWS Philosophy of Security (from AWS re:Invent)	1 hour	Video »
<i>AWS Shared Responsibility Model</i>	5 minutes	Digital Training »
<i>Getting Started with AWS Security, Identity, & Compliance</i>	3 hours	Digital Training »
<i>AWS Security Fundamentals (Second Edition)</i>	2 hours	Digital Training »
<i>AWS Security Essentials</i>	1 day	Classroom Training »
Introduction to AWS Identity and Access Management (IAM)	25 minutes	Self-Paced Lab »
Security Pillar AWS Well-Architected Framework	1 hour	Webpage »
<i>AWS Fundamentals: Addressing Security Risk</i>	5 hours	edX Digital Training »
<i>Authentication and Authorization with AWS Identity and Access Management</i>	15 minutes	Digital Training »
How to quickly find and update your access keys, password, MFA setting using the AWS Management Console	10 minutes	Blog Post »

Step 1 continued: Learn the cloud security fundamentals

LEARNING RESOURCE	DURATION	TYPE
Getting started with AWS identity (from AWS re:Invent)	1 hour	Video »
<i>Protecting Your Instance with Security Groups</i>	10 minutes	Digital Training »
<i>Differences Between Security Groups and NACLs</i>	10 minutes	Digital Training »
<i>AWS Well-Architected</i>	1 hour 30 minutes	Digital Training »
How to think about cloud security governance	15 minutes	Blog Post »
Well-Architected Security Labs (100 level)	4 hours	Self-Paced Lab »
<i>Architecting on AWS</i>	3 days	Classroom Training »
Top 10 security items to improve in your AWS account	10 minutes	Blog Post »

Step 2: Learn cloud security concepts and best practices

LEARNING RESOURCE	DURATION	TYPE
Introduction to AWS Security by Design	2 hours	Whitepaper »
AWS Security Hub Automated Response and Remediation	30 minutes	Webpage »
AWS Key Management Best Practices	1 hour	Whitepaper »
A Deep Dive into AWS Encryption Services (from AWS re:Invent)	1 hour	Video »
Best Practices for Choosing Identity Solutions for Applications (from AWS re:Inforce)	45 minutes	Video »
Well-Architected Security Labs (200 level)	8 hours	Self-Paced Lab »
Security at Scale: Logging in AWS	1 hour	Whitepaper »
<i>Security Engineering on AWS</i>	3 days	Classroom Training »
Well-Architected Security Labs (300 level)	3 hours	Self-Paced Lab »

Step 2 continued: Learn cloud security concepts and best practices

LEARNING RESOURCE	DURATION	TYPE
Best Practices for Security, Identity, & Compliance	4 hours	Webpage »
How to use AWS Organizations to simplify security at enormous scale	15 minutes	Blog Post »
AWS Security Workshops	14 hours	Workshop »
AWS Cloud Compliance	30 minutes	Webpage »
Amazon Web Services: Risk and Compliance	2 hours	Whitepaper »
AWS WAF Workshop	2 hours	Workshop »
AWS Security Incident Response Guide	2 hours	Whitepaper »
Scaling threat detection and response in AWS	3 hours	Workshop »
Getting Hands on with Amazon GuardDuty	2 hours	Workshop »

Step 3: Prepare for and take the AWS Certified Security – Specialty certification exam

LEARNING RESOURCE	DURATION	TYPE
<i>Exam Readiness: AWS Certified Security - Specialty</i>	2 hours	Digital Training »
<i>AWS Certified Security – Specialty</i> sample questions	2 hours	Sample Questions »
<i>AWS Certified Security – Specialty</i> exam guide	2 hours	Exam Guide »
AWS Certification prep including timed practice exams	2 hours	Practice Exam »
<i>AWS Certified Security - Specialty</i> certification exam	2 hours	Exam »

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LEARNING RESOURCE	DESCRIPTION	
Learning Library	Continue to learn by exploring our extensive portfolio of free digital and classroom training.	Explore »
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AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events & 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 product- and technical-related 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 technical reference implementations 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 »
AWS Architecture Center	Explore reference architecture diagrams, vetted architecture solutions, and best practices.	Explore »
Amazon's Builders' Library	Learn how Amazon builds and operates software.	Explore »
AWS Twitch Channel	Learn how millions of customers are currently leveraging AWS Cloud products and solutions.	Explore »

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