

This guide can also help prepare you for the AWS Certified Security – Specialty certification exam. If you're specifically interested in digital courses and labs to help you develop these skills, explore the Security Learning Plan at explore.skillbuilder.aws. 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		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 »
AWS Foundations: Securing your AWS Cloud	50 minutes	Digital Training »
AWS Philosophy of Security (from AWS re:Invent)	1 hour	Video »
AWS Shared Responsibility Model	5 minutes	Digital Training »
Getting Started with AWS Security, Identity, & Compliance	3 hours	Digital Training »
AWS Security Fundamentals (Second Edition)	2 hours	Digital Training »
AWS Security Essentials	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 »
AWS Fundamentals: Addressing Security Risk	5 hours	edX Digital Training »
Authentication and Authorization with AWS Identity and Access Management	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 »
Getting started with AWS identity (from AWS re:Invent)	1 hour	Video »
Protecting Your Instance with Security Groups	10 minutes	Digital Training »
Differences Between Security Groups and NACLs	10 minutes	Digital Training »
AWS Well-Architected	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	Lab »
Architecting on AWS	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	1 hour	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	Lab »
Security at Scale: Logging in AWS	1 hour	Whitepaper »
Security Engineering on AWS	3 days	Classroom Training »
AWS Security Best Practices	3 days	Classroom Training »
AWS Security Governance at Scale	3 days	Classroom Training »
Well-Architected Security Labs (300 level)	3 hours	Lab »
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	1 hour	Whitepaper »
AWS WAF Workshop	2 hours	Workshop »
AWS Security Incident Response Guide	5 hours	Whitepaper »
Amazon GuardDuty Workshop	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
Exam Readiness: AWS Certified Security - Specialty	2 hours	Digital Training »
AWS Certified Security – Specialty sample questions	2 hours	Sample Questions »
AWS Certified Security – Specialty exam guide	2 hours	Guide »
AWS Certification prep including practice exam	2 hours	Practice Exam »
AWS Certified Security - Specialty exam	2 hours	Exam »

Explore additional resources

Learning Resource	Description	Type
Best Practices for Security, Identity & Compliance	Learn how to meet your security and compliance goals using AWS infrastructure and services.	Explore »
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	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all authored by AWS and the AWS community.	Explore »
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. Key events include AWS.	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 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](#)