

# AWS Ramp-Up Guide: Security

## For AWS Cloud Security, Governance & Compliance Professionals

AWS Training and Certification builds your competence, confidence, and credibility through practical cloud skills that help you innovate and build your future. Use this go-to reference guide to ramp up your knowledge of fundamentals, concepts, and best practices for securing the AWS Cloud. You'll find free digital training offerings, classroom courses, videos, whitepapers, certifications, and other resources. It's all selected by AWS experts to teach you in-demand cloud skills and the real-world knowledge you can use right away to grow your career. To enroll in training and certification exams, and track your progress, visit [aws.training](https://aws.training) and set up a free account.

Phase	Recommended Learning Resource	Duration	Type
<b>Phase 0</b> Learn the fundamentals of AWS Cloud	– <a href="#">What is Cloud Computing?</a>	10 minutes	Webpage
	– <a href="#">Overview of AWS</a>	2 hours	Whitepaper
	– <a href="#">AWS Cloud Practitioner Essentials (Second Edition)</a> <a href="#">free digital course</a> or <a href="#">classroom course</a>	6+ hours	Training
	– <a href="#">Cloud Computing with AWS</a>	10 minutes	Webpage
	– <a href="#">AWS Glossary</a> with definitions of key terms and concepts	30 minutes	Whitepaper
	– <a href="#">Job Roles in the Cloud</a> free digital course	30 minutes	Training
<b>Phase 1</b> Learn cloud security fundamentals	– <a href="#">How Should We All Think About Security</a> (from AWS re:Invent)	1 hour	Video
	– <a href="#">AWS Philosophy of Security</a> (from AWS re:Invent)	1 hour	Video
	– <a href="#">AWS Shared Responsibility Model</a> free digital course	5 minutes	Training
	– <a href="#">Getting Started with AWS Security, Identity, &amp; Compliance</a>	3 hours	Training
	– <a href="#">AWS Security Fundamentals (Second Edition)</a> free digital course or <a href="#">AWS Security Essentials</a> classroom course	2 hours	Training
	– <a href="#">Cloud Adoption Framework: Security Perspective</a>	1 day	Training
	– <a href="#">Security Pillar AWS Well-Architected Framework</a>	2 hours	Whitepaper
<b>Phase 2</b> Learn cloud security concepts and best practices	– <a href="#">Authentication and Authorization with AWS Identity and Access Management</a> free digital course	15 minutes	Training
	– <a href="#">Protecting Your Instance with Security Groups</a> free digital course	10 minutes	Training
	– <a href="#">Differences Between Security Groups and NACLs</a> free digital course	10 minutes	Training
	– <a href="#">AWS Well-Architected Training</a> free digital course	2 hours	Training
	– <a href="#">Well-Architected Security Labs</a> (100 level)	4 hours	Hands-on lab
	– <a href="#">Architecting on AWS</a> classroom course	3 days	Training
	– <a href="#">Well-Architected Security Labs</a> (200 level)	8 hours	Hands-on lab
	– <a href="#">Introduction to AWS Security Processes</a>	2 hours	Whitepaper
	– <a href="#">Introduction to AWS Security by Design</a>	2 hours	Whitepaper
	– <a href="#">AWS Key Management Best Practices</a>	1 hour	Whitepaper
	– <a href="#">A Deep Dive into AWS Encryption Services</a> (from AWS re:Invent)	1 hour	Video
	– <a href="#">Best Practices for Choosing Identity Solutions for Applications</a> (from AWS re:Inforce)	45 minutes	Video
	– <a href="#">Security at Scale: Logging in AWS</a>	1 hour	Whitepaper
	– <a href="#">Security Engineering on AWS</a> classroom course	3 days	Training
	– <a href="#">Well-Architected Security Labs</a> (300 level)	3 hours	Hands-on lab
– <a href="#">AWS Security Best Practices</a>	2 hours	Whitepaper	
– <a href="#">AWS Cloud Compliance</a>	30 minutes	Webpage	

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Phase 2 continued	<ul style="list-style-type: none"> <li>– <a href="#">Amazon Web Services: Risk and Compliance</a></li> <li>– <a href="#">AWS Security Workshops</a></li> <li>– <a href="#">AWS Security Incident Response Guide</a></li> </ul>	2 hours 14 hours 2 hours	Whitepaper Hands-on lab Whitepaper
Phase 3 Prepare for and take the AWS Certified Security – Specialty certification exam	<ul style="list-style-type: none"> <li>– Exam Readiness: AWS Certified Security – Specialty <a href="#">free digital course</a> or <a href="#">classroom course</a></li> <li>– AWS Certified Security - Specialty <a href="#">Exam Guide</a> and <a href="#">sample questions</a></li> <li>– Timed practiced exam at <a href="#">aws.training</a></li> <li>– <a href="#">AWS Certified Specialty – Security</a> certification exam (recommended for those with at least two years of hands-on experience securing AWS workloads)</li> </ul>	4 hours 2 hours 2 hours 2 hours	Training Guide Exam Exam
Explore additional resources	<ul style="list-style-type: none"> <li>– <a href="#">Learning Library at aws.training</a>: 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.</li> <li>– <a href="#">AWS User Group</a>: Join and connect with AWS users all over the world to share ideas and learn.</li> <li>– <a href="#">AWS Events and Webinars</a>: Connect with, collaborate with, and learn from AWS experts. Key events include AWS re:Invent, AWS re:Inforce, and AWS Summits.</li> <li>– <a href="#">AWS Podcast</a>: Listen and learn about AWS.</li> <li>– <a href="#">AWS Blog</a>: Read about the latest launches from AWS Technical Evangelist Jeff Barr and others</li> <li>– <a href="#">What's New with AWS</a>: Stay up to date on the latest announcements from AWS</li> <li>– <a href="#">AWS Documentation</a>: For guides, API references, tutorials, projects, SDKs, toolkits, and general resources</li> <li>– <a href="#">AWS Knowledge Center: Review frequently asked questions and requests from AWS customers.</a></li> <li>– <a href="#">AWS FAQs</a>: Find answers to product and technical questions</li> <li>– <a href="#">Projects on AWS</a>: Step-by-step guides to help you build and launch your AWS workload</li> <li>– <a href="#">10-minute tutorials: Get started with a simple “Hello, World!” tutorial to get hands-on with an AWS product</a></li> <li>– <a href="#">AWS Solutions</a>: Vetted, technical reference implementations designed to help you solve common problems and build faster</li> <li>– <a href="#">Amazon Web Services YouTube Channel</a></li> </ul>	30 minutes 10 minutes 10 minutes 10 minutes 20 minutes 10 minutes 15 minutes 15 minutes 15 minutes 15 minutes 15 minutes 15 minutes 15 minutes	Training User Group Events / Webinars Podcast Blog Webpage Resources Webpage FAQs Guides Tutorials Webpage Videos

For a training plan customized for your requirements, contact your AWS Account Manager or contact us at [aws.amazon.com/contact-us/aws-training/](https://aws.amazon.com/contact-us/aws-training/).

We would love to hear from you. Provide your feedback on this AWS Ramp-Up Guide [here](#).