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 and set up a free account.

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

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Phase	Recommended Learning Resource	Duration	Type
Phase 2 continued	– Amazon Web Services: Risk and Compliance – AWS Security Workshops – AWS Security Incident Response Guide	2 hours 14 hours 2 hours	Whitepaper Hands-on lab Whitepaper
Phase 3 Prepare for and take the AWS Certified Security – Specialty certification exam	– Exam Readiness: AWS Certified Security – Specialty free digital course or classroom course – AWS Certified Security - Specialty Exam Guide and sample questions – Timed practiced exam at aws.training – AWS Certified Specialty – Security certification exam (recommended for those with at least two years of hands-on experience securing AWS workloads)	4 hours 2 hours 2 hours 2 hours	Training Guide Exam Exam
Phase 4 Explore additional resources	– Learning Library at aws.training: 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. – AWS User Group: Join and connect with AWS users all over the world to share ideas and learn. – AWS Events and Webinars: Connect with, collaborate with, and learn from AWS experts. Key events include AWS re:Invent, AWS re:Inforce, and AWS Summits. – AWS Podcast: Listen and learn about AWS. – AWS Blog: Read about the latest launches from AWS Technical Evangelist Jeff Barr and others – What's New with AWS: Stay up to date on the latest announcements from AWS	30 minutes 10 minutes 10 minutes 10 minutes 20 minutes 10 minutes	Training User Group Events / Webinars Podcast Blog Webpage

For a training plan customized for your requirements, contact your AWS Account Manager or contact us at aws.amazon.com/contact-us/aws-training/.

We would love to hear from you. Provide your feedback on this AWS Ramp-Up Guide here.

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