

AWS Ramp-Up Guide: Architect

For AWS Cloud Architects, Solutions Architects, and Engineers

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 architecting in 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?	10 minutes	Webpage
	– Overview of AWS	2 hours	Whitepaper
	– AWS Cloud Practitioner Essentials (Second Edition) free digital course or classroom course	6+ hours	Training
	– Cloud Computing with AWS	10 minutes	Webpage
	– AWS Glossary with definitions of key terms and concepts	30 minutes	Whitepaper
	– Job Roles in the Cloud free digital course	30 minutes	Training
Phase 1 Learn cloud architect fundamentals	– Introduction to the AWS Well-Architected Framework	2 hours	Whitepaper
	– AWS Well-Architected Framework information and resources	10 minutes	Webpage
	– How AWS Pricing Works	45 minutes	Whitepaper
	– AWS Technical Essentials classroom course	1 day	Training
	– AWS Shared Responsibility Model free digital course	5 minutes	Training
	– Shared Responsibility Model	10 minutes	Webpage
	– AWS Well-Architected Training free digital course	2 hours	Training
Phase 2 Learn AWS Cloud concepts and best practices	– Architecting on AWS classroom course	3 days	Training
	– Advanced Architecting on AWS classroom course	3 days	Training
	– Optional: Architecting on AWS - Accelerator classroom course (combination of <i>Architecting on AWS</i> and <i>Advanced Architecting on AWS</i>)	5 days	Training
	– AWS CLI Introduction	48 minutes	Video
	– Sample CloudFormation Templates	10 minutes	Webpage
	– Well-Architected Labs	2 hours	Hands-on lab
	– AWS AMI Design	10 minutes	Webpage
	– AWS Security Best Practices	2 hours	Whitepaper
	– Introduction to AWS Security by Design	30 minutes	Whitepaper
	– AWS Database Migration Service Best Practices	30 minutes	Whitepaper
	– Using AWS for Disaster Recovery	5 minutes	Webpage
	– Right Sizing: Provisioning Instances to Match Workloads	1 hour	Whitepaper
	– Overview of Security Processes	2.5 hours	Whitepaper
	– Managing Your AWS Infrastructure at Scale	1 hour	Whitepaper
	– Prepare for Your AWS Certification Exam	1 hour	Webpage
	– AWS Certified Solutions Architect – Associate certification exam (recommended for those with at least six months of hands-on experience with AWS)	2 hours	Exam

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Phase	Recommended Learning Resource	Duration	Type
Phase 2 continued	– Serverless Architectural Patterns and Best Practices (from AWS re:Invent)	1 hour	Video
	– Architecting Serverless Solutions free digital course	3 hours	Training
	– Serverless Application Lens	2.5 hours	Whitepaper
	– Building a Scalable and Secure Multi-VPC AWS Network	2 hours	Whitepaper
	– ITIL Event Management in the Cloud	30 minutes	Whitepaper
	– DevOps at Amazon: A Look at Our Tools and Processes (from AWS re:Invent)	1 hour	Video
	– Backup and Recovery Approaches Using AWS	30 minutes	Whitepaper
	– Amazon Virtual Private Cloud Connectivity Options	45 minutes	Whitepaper
	– Development on AWS	1 hour	Whitepaper
	– Securing Data at Rest with Encryption	30 minutes	Whitepaper
	– Web Application Hosting in the AWS Cloud	30 minutes	Whitepaper
	– Migrating AWS Resources to a New Region	1 hour	Whitepaper
Phase 3 Prepare for and take the AWS Certified Solutions Architect – Professional certification exam	– <i>Exam Readiness: AWS Certified Solutions Architect – Associate</i> free digital course or classroom course	2 hours / 4 hours	Training
	– <i>Exam Readiness: AWS Certified Solutions Architect – Professional</i> free digital course or classroom course	4 hours / 1 day	Training
	– AWS Certified Solutions Architect – Professional Exam Guide and sample questions	1 hour	Guide
	– Timed practice exam at aws.training	1 hour	Exam
	– AWS Certified Solutions Architect – Professional certification exam (recommended for those with two or more years of hands-on experience with AWS)	4 hours / 3 hours	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.	30 minutes	Training
	– AWS User Group : Join and connect with AWS users all over the world to share ideas and learn.	10 minutes	User Group
	– 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.	10 minutes	Events / Webinars
	– AWS Podcast : Listen and learn about AWS.	10 minutes	Podcast
	– AWS Blog : Read about the latest launches from AWS Technical Evangelist Jeff Barr and others	20 minutes	Blog
	– What's New with AWS : Stay up to date on the latest announcements from AWS	10 minutes	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](#).