

# 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](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
	– <i>AWS Cloud Practitioner Essentials (Second Edition)</i> <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 architect fundamentals	– Introduction to the <a href="#">AWS Well-Architected Framework</a>	2 hours	Whitepaper
	– <a href="#">AWS Well-Architected Framework</a> information and resources	10 minutes	Webpage
	– <a href="#">How AWS Pricing Works</a>	45 minutes	Whitepaper
	– <a href="#">AWS Technical Essentials</a> classroom course	1 day	Training
	– <a href="#">AWS Shared Responsibility Model</a> free digital course	5 minutes	Training
	– <a href="#">Shared Responsibility Model</a>	10 minutes	Webpage
	– <a href="#">AWS Well-Architected Training</a> free digital course	2 hours	Training
<b>Phase 2</b> Learn AWS Cloud concepts and best practices	– <a href="#">Architecting on AWS</a> classroom course	3 days	Training
	– <a href="#">Advanced Architecting on AWS</a> classroom course	3 days	Training
	– Optional: <a href="#">Architecting on AWS - Accelerator</a> classroom course (combination of <i>Architecting on AWS</i> and <i>Advanced Architecting on AWS</i> )	5 days	Training
	– <a href="#">Exam Readiness Intensive Workshop: AWS Certified Solutions Architect-Associate</a> (combination of <i>Architecting on AWS</i> and <i>Exam Readiness: AWS Certified Solutions Architect – Associate</i> )	5 days	Training
	– <a href="#">AWS CLI Introduction</a>	48 minutes	Video
	– <a href="#">Sample CloudFormation Templates</a>	10 minutes	Webpage
	– <a href="#">Well-Architected Labs</a>	2 hours	Hands-on lab
	– <a href="#">Best Practices for Building Amazon Machine Images (AMIs)</a>	10 minutes	Webpage
	– <a href="#">AWS Security Best Practices</a>	2 hours	Whitepaper
	– <a href="#">Introduction to AWS Security by Design</a>	30 minutes	Whitepaper
	– <a href="#">AWS Database Migration Service Best Practices</a>	30 minutes	Whitepaper
	– <a href="#">Using AWS for Disaster Recovery</a>	5 minutes	Webpage
	– <a href="#">Right Sizing: Provisioning Instances to Match Workloads</a>	1 hour	Whitepaper
	– <a href="#">Overview of Security Processes</a>	2.5 hours	Whitepaper
	– <a href="#">Managing Your AWS Infrastructure at Scale</a>	1 hour	Whitepaper
	– <a href="#">Prepare for Your AWS Certification Exam</a>	1 hour	Webpage

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Phase 2 continued	<ul style="list-style-type: none"> <li>– <a href="#">AWS Certified Solutions Architect – Associate</a> certification exam (recommended for those with at least six months of hands-on experience with AWS)</li> <li>– <a href="#">Serverless Architectural Patterns and Best Practices</a> (from AWS re:Invent)</li> <li>– <a href="#">Architecting Serverless Solutions</a> free digital course</li> <li>– <a href="#">Serverless Application Lens</a></li> <li>– <a href="#">Building a Scalable and Secure Multi-VPC AWS Network</a></li> <li>– <a href="#">ITIL Event Management in the Cloud</a></li> <li>– <a href="#">DevOps at Amazon: A Look at Our Tools and Processes</a> (from AWS re:Invent)</li> <li>– <a href="#">Backup and Recovery Approaches Using AWS</a></li> <li>– <a href="#">Amazon Virtual Private Cloud Connectivity Options</a></li> <li>– <a href="#">Development on AWS</a></li> <li>– <a href="#">Securing Data at Rest with Encryption</a></li> <li>– <a href="#">Web Application Hosting in the AWS Cloud</a></li> <li>– <a href="#">Migrating AWS Resources to a New Region</a></li> </ul>	2 hours  1 hour  3 hours 2.5 hours 2 hours 30 minutes 1 hour  30 minutes 45 minutes 1 hour 30 minutes 30 minutes 1 hour	Exam  Video  Training Whitepaper Whitepaper Whitepaper Video  Whitepaper Whitepaper Whitepaper Whitepaper Whitepaper Whitepaper
Phase 3 Prepare for and take the AWS Certified Solutions Architect – Professional certification exam	<ul style="list-style-type: none"> <li>– <i>Exam Readiness: AWS Certified Solutions Architect – Associate</i> <a href="#">free digital course</a> or <a href="#">classroom course</a></li> <li>– <i>Exam Readiness: AWS Certified Solutions Architect – Professional</i> <a href="#">free digital course</a> or <a href="#">classroom course</a></li> <li>– AWS Certified Solutions Architect – Professional <a href="#">Exam Guide</a> and <a href="#">sample questions</a></li> <li>– Timed practice exam at <a href="#">aws.training</a></li> <li>– <a href="#">AWS Certified Solutions Architect – Professional</a> certification exam (recommended for those with two or more years of hands-on experience with AWS)</li> </ul>	2 hours / 4 hours 4 hours / 1 day 1 hour  4 hours 3 hours	Training Training Guide  Exam Exam
Phase 4 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 Whitepapers, Guides, Architecture Diagram, Reference</a></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> </ul>	30 minutes  Selective 10 minutes  10 minutes  10 minutes 20 minutes	Training  Webpage User Group  Events / Webinars  Podcast Blog

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Phase 4 continued	– <a href="#">What's New with AWS</a> : 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/](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](#).