


Course Name	AWS CERTIFIED CLOUD PRACTITIONER (CLF-C02)	
About the Course	This course is for individuals who seek an overall understanding of the Amazon Web Services (AWS) Cloud, independent of specific technical roles. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. This course also helps you prepare for the AWS Certified Cloud Practitioner exam	
Key Skills You Will Learn	Know about AWS Cloud, Differentiate between on-premises, hybrid-cloud, and all-in cloud, Describe the basic global infrastructure of the AWS Cloud, Benefits of the AWS Cloud, Learn core AWS services, including compute, network, databases, and storage, Identify an appropriate solution using AWS Cloud services with various use cases , AWS Framework, learn the shared responsibility model, AWS Cloud Security, basics of AWS Cloud migration, Define the core billing, account management, and pricing models, Explain how to use pricing tools to make cost-effective choices for AWS services	
Course Pre-Requisite	No mandatory pre-requisite but preferred to have General IT Technical/Business knowledge. Candidates without IT work experience can start with the AWS Certified Cloud Practitioner certification to gain foundational knowledge of AWS Cloud and services.	
Target Audience	Anyone who wants to learn Cloud, pursue career in Cloud, Cloud Engineers/Architects/Managers, Software Developers, DevOps Engineers, Network Engineers, Data Analysts etc	
Job prospects with this role	Junior Cloud Engineer, Cloud Developer/Engineer, Associate Cloud Engineer, Cloud Systems Administrator, Cloud Computing & DevOps Engineer jobs, Cloud Security Engineer	
Course Duration	~ 10 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL AWS Cloud Practitioner Certificate	
Mode of Training	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
Course Fees	Please contact us	
Refund Policy	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
Job Assistance	No job assistance	
Contact	READYBELL SOFTWARE SERVICES PVT. LIMITED AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091 E-MAIL: contact@readybellsoftware.com PH: +91 - 9147708045/9674552097, +91 - 33-79642872	 Software Services Pvt. Ltd.

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
AWS CERTIFIED CLOUD PRACTITIONER (CLF-C02)	Module 1: Introduction to Amazon Web Services	10 Hrs
	Summarize the benefits of AWS	
	Describe differences between on-demand delivery and cloud deployments	
	Summarize the pay-as-you-go pricing model	
	Module 2: Compute in the Cloud	
	Describe the benefits of Amazon Elastic Compute Cloud (Amazon EC2) at a basic level	
	Identify the different Amazon EC2 instance types	
	Differentiate between the various billing options for Amazon EC2	
	Describe the benefits of Amazon EC2 Auto Scaling	
	Summarize the benefits of Elastic Load Balancing	
	Give an example of the uses for Elastic Load Balancing	
	Summarize the differences between Amazon Simple Notification Service (Amazon SNS) and Amazon Simple Queue Services (Amazon SQS)	
	Summarize additional AWS compute options	
	Module 3: Global Infrastructure and Reliability	
	Summarize the benefits of the AWS Global Infrastructure	
	Describe the basic concept of Availability Zones	
	Describe the benefits of Amazon CloudFront and Edge locations	
	Compare different methods for provisioning AWS services	
	Module 4: Networking	
	Describe the basic concepts of networking	
	Describe the difference between public and private networking resources	
	Explain a virtual private gateway using a real life scenario	
	Explain a virtual private network (VPN) using a real life scenario	
	Describe the benefit of AWS Direct Connect	
	Describe the benefit of hybrid deployments	
	Describe the layers of security used in an IT strategy	
	Describe which services are used to interact with the AWS global network	
	Module 5: Storage and Databases	
	Summarize the basic concept of storage and databases	
	Describe benefits of Amazon Elastic Block Store (Amazon EBS)	
Describe benefits of Amazon Simple Storage Service (Amazon S3)		
Describe the benefits of Amazon Elastic File System (Amazon EFS)		
Summarize various storage solutions		
Describe the benefits of Amazon Relational Database Service (Amazon RDS)		

	Describe the benefits of Amazon DynamoDB	
	Summarize various database services	
	Module 6: Security	
	Explain the benefits of the shared responsibility model	
	Describe multi-factor authentication (MFA)	
	Differentiate between the AWS Identity and Access Management (IAM) security levels	
	Describe security policies at a basic level	
	Explain the benefits of AWS Organizations	
	Summarize the benefits of compliance with AWS	
	Explain primary AWS security services at a basic level	
	Module 7: Monitoring and Analytics	
	Summarize approaches to monitoring your AWS environment	
	Describe the benefits of Amazon CloudWatch	
	Describe the benefits of AWS CloudTrail	
	Describe the benefits of AWS Trusted Advisor	
	Module 8: Pricing and Support	
	Understand AWS pricing and support models	
	Describe the AWS Free Tier	
	Describe key benefits of AWS Organizations and consolidated billing	
	Explain the benefits of AWS Budgets	
	Explain the benefits of AWS Cost Explorer	
	Explain the primary benefits of the AWS Pricing Calculator	
	Distinguish between the various AWS Support Plans	
	Describe the benefits of AWS Marketplace	
	Module 9: Migration and Innovation	
	Understand migration and innovation in the AWS Cloud	
	Summarize the AWS Cloud Adoption Framework (AWS CAF)	
	Summarize six key factors of a cloud migration strategy	
	Describe the benefits of various AWS data migration solutions, such as AWS Snowcone, AWS Snowball, and AWS Snowmobile	
	Summarize the broad scope of innovative solutions that AWS offers	
	Module 10: The Cloud Journey	
	Summarize the six pillars of the AWS Well-Architected Framework	
	Explain the six benefits of cloud computing	

	Module 11: AWS Certified Cloud Practitioner Basics	
	Determine resources for preparing for the AWS Certified Cloud Practitioner examination	
	Describe benefits of becoming AWS Certified	
	Course Final Assessment	
To register for this course please e-mail/call us		