


<b>Course Name</b>	<b>AWS CERTIFIED SOLUTIONS ARCHITECT - PROFESSIONAL (SAP-C02)</b>	
<b>About the Course</b>	This course will help individuals showcase advanced knowledge and skills in providing complex solutions to complex problems, optimizing security, cost, and performance, and automating manual processes. This course is intended for individuals who perform a solutions architect role	
<b>Key Skills You Will Learn</b>	By the end of this course you will learn Designing scalable systems, Configuring access to IAM, Amazon VPC and EC2, Amazon machine images (AMI), AWS Lambda, Amazon S3, Databases of AMI, Application services of AWS, Cloud deployment security practices	
<b>Course Pre-Requisite</b>	To sign up for this course, you must have Basics of networking and computers, Knowledge of cloud computing	
<b>Target Audience</b>	Anyone who wants to learn Cloud, pursue career in Cloud, Cloud software engineers, Cloud developers, Programmers, Solutions architects, DevOps professionals, Those who aim to host fault-tolerant and highly scalable applications on AWS	
<b>Job prospects with this role</b>	Cloud Developer/Engineer, Cloud Systems Administrator, SysOps Administrator, Cloud Computing & DevOps Engineer jobs, Cloud Security Engineer, Cloud Solution Architect	
<b>Course Duration</b>	~ 35 Hrs	
<b>Course Customisation</b>	Not applicable	
<b>Certification</b>	READYBELL AWS SOLUTIONS ARCHITECT - PROFESSIONAL (SAP-C02)	
<b>Mode of Training</b>	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
<b>Course Fees</b>	Please contact us	
<b>Refund Policy</b>	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
<b>Job Assistance</b>	Will assist candidate in securing a suitable job	
<b>Contact</b>	<b>READYBELL SOFTWARE SERVICES PVT. LIMITED</b> <b>AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091</b> <b>E-MAIL: <a href="mailto:contact@readybellsoftware.com">contact@readybellsoftware.com</a></b> <b>PH: +91 - 9147708045/9674552097, +91 - 33-79642872</b>	

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
<b>AWS CERTIFIED SOLUTIONS ARCHITECT - PROFESSIONAL (SAP-C02)</b>	Module 01 - Design Highly Available, Fault-tolerant, Scalable, and Cost-efficient Systems	35 Hrs
	Designing services in the cloud	
	Designing and planning	
	Logging and monitoring	
	Architectures of hybrid IT	
	Designing the storage of the hybrid structure	
	Module 02 - Identity and Access Management	
	IAM and its policies	
	IAM users	
	Groups and roles of IAM	
	Configuring access to IAM	
	Module 03 - Amazon Virtual Private Cloud	
	Virtual private cloud (VPC) of Amazon	
	Networking	
	Subnets	
	Using network ACLs and security groups	
	Designing a customized VPC	
	Module 04 - Elastic Compute Cloud	
	Cloud computing	
	Amazon EC2	
	Amazon machine images (AMI)	
	Creating an AMI	
	Instance types in EC2	
	Amazon EBS	
	Pricing of EC2	
	Elastic load balancing (ELB)	
	Services of AWS	
	Autoscaling	
	AWS Lambda	
	Elastic container service in Amazon	
Configuring ELB		
Module 05 - Amazon Simple Storage Service (S3)		
Buckets and S3		
Version control		
Management of the life cycle		
CDNs and CloudFront		

	Encryption and security	
	Snowball	
	Creating an S3 bucket	
	Module 06 - Amazon Route 53 and Databases	
	Concepts of Amazon Route 53	
	Zone 0 hosted by Amazon Route 53	
	Overview of databases	
	Relational database service (RDS) of Amazon	
	AMI databases	
	Amazon DynamoDB, Redshift, Aurora, and ElastiCache	
	Database migration services (DMS) of AWS	
	Module 07 - Application Services	
	AWS and its application services	
	Amazon workspaces	
	Elastic transcoder	
	Amazon SNS	
	Module 08 - Cloud Deployment Security Practices	
	AWS responsibilities	
	Design patterns	
	Security attributes	
	CloudFormation and CloudWatch	
	Module 09 - Disaster Recovery and Troubleshooting	
	Products and overview of disaster recovery	
	Troubleshooting and support	
<b>To register for this course please e-mail/call us</b>		