Course Name	AWS CERTIFIED DEVELOPER - ASSOCIATE (DVA-C02)	
About the Course	AWS Certified Developer – Associate course for anyone who wants to learn how to build applications using AWS. This course is for intermediate-level students and begins with an overview of the fundamentals of cloud computing. It then moves you through an in-depth curriculum on developing, deploying, and maintaining applications — especially serverless ones — on AWS	
Key Skills You Will Learn	This course will help individuals developing skills and knowledge in developing, optimizing, packaging, and deploying applications, using CI/CD workflows, and identifying and resolving application issues. The main technologies covered in this course include: * IAM * Cognito * S3 * CloudFront * Lambda * API Gateway * X-Ray * DynamoDB * KMS * SQS * SNS * Kinesis * Elastic Beanstalk * CodeCommit * CodeDeploy * CodePipeline * CodeArtifact	
Course Pre-Requisite	One or more years of hands-on experience developing and maintaining applications using AWS services, Proficiency in at least one high-level programming language like Java, C++, C#, or Python, Understanding of core AWS services, uses, and basic AWS architecture best practices, Ability to develop, deploy, and debug cloud-based applications using AWS ,Ability to use the AWS service APIs, AWS CLI, and SDKs to write applications, Basic understanding of relational and non-relational databases, Familiarity with messaging and queuing services	
Target Audience	Intermediate-level software developers, cloud application developers, full-stack developers, and backend developers, IT professionals looking to become AWS developers, Systems architects, Technical leads, Cloud platform members, On-premises IT members	
Job prospects with this role	Cloud Developer/Sr. Cloud Developer/Cloud Engineer, Cloud Systems Administrator, SysOps Administrator, Cloud Computing & DevOps Engineer jobs, Cloud Security Engineer, Cloud Solution Architect	
Course Duration	~ 40 Hrs	
Course Customisation	Not applicable	
Certification	READYBELL AWS Sysops Administrator Associate 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**	**ReadyBell** Software Services Pvt. Ltd.

CURRICULUM		
Topic	**Sub-Topic**	**Duration (Hrs)**
AWS CERTIFIED SYSOPS ADMINISTRATOR - ASSOCIATE (SOA-C02)	Module 01 - Development with AWS Services	40 Hrs
	Develop code for applications hosted on AWS	
	Develop code for AWS Lambda	
	Use data stores in application development	
	Module 02 - Security	
	Implement authentication and/or authorization for applications and AWS services	
	Implement encryption by using AWS services	
	Manage sensitive data in application code	
	Module 03 - Deployment	
	Prepare application artifacts to be deployed to AWS	
	Test applications in development environments	
	Automate deployment testing	
	Deploy code by using AWS CI/CD services	
	Module 04 - Troubleshooting and Optimization	
	Implement and manage security and compliance policies	
	Implement data and infrastructure protection strategies	
	Module 05 - Networking and Content Delivery	
	Assist in a root cause analysis	
	Instrument code for observability	
	Troubleshoot network connectivity issues	
	Optimize applications by using AWS services and features	
	Module 06 - Analytics	
	Amazon Athena	
	Amazon Kinesis	
	Amazon OpenSearch Service	
	Module 07 - Application Integration	
	AWS AppSync	
	Amazon EventBridge	
	Amazon Simple Notification Service (Amazon SNS)	
	Amazon Simple Queue Service (Amazon SQS)	
	AWS Step Functions	
	Module 08 - Compute	
	Amazon EC2	
	AWS Elastic Beanstalk	
	AWS Lambda	
	AWS Serverless Application Model (AWS SAM)	

	Module 09 - Containers	
	AWS Copilot	
	Amazon Elastic Container Registry (Amazon ECR)	
	Amazon Elastic Container Service (Amazon ECS)	
	Amazon Elastic Kubernetes Service (Amazon EKS)	
	Module 10 - Database	
	Amazon Aurora	
	Amazon DynamoDB	
	Amazon ElastiCache	
	Amazon MemoryDB for Redis	
	Amazon RDS	
	Module 11 - Developer Tools	
	AWS Amplify	
	AWS Cloud9	
	AWS CloudShell	
	AWS CodeArtifact	
	AWS CodeBuild	
	AWS CodeDeploy	
	Amazon CodeGuru	
	AWS CodePipeline	
	AWS CodeStar	
	Amazon CodeWhisperer	
	AWS X-Ray	
	Module 12 - Management and Governance	
	AWS AppConfig	
	AWS CLI	
	AWS Cloud Development Kit (AWS CDK)	
	AWS CloudFormation	
	AWS CloudTrail	
	Amazon CloudWatch	
	Amazon CloudWatch Logs	
	AWS Systems Manager	
	Module 13 - Networking and Content Delivery	
	Amazon API Gateway	
	Amazon CloudFront	
	Elastic Load Balancing (ELB)	
	Amazon Route 53	
	Amazon VPC	

	Module 14 - Security, Identity, and Compliance	
	AWS Certificate Manager (ACM)	
	Amazon Cognito	
	AWS Identity and Access Management (IAM)	
	AWS Key Management Service (AWS KMS)	
	AWS Private Certificate Authority	
	AWS Secrets Manager	
	AWS Security Token Service (AWS STS)	
	AWS WAF	
	Module 15 - Storage	
	Amazon Elastic Block Store (Amazon EBS)	
	Amazon Elastic File System (Amazon EFS)	
	Amazon S3	
	Amazon S3 Glacier	
To register for this course please e-mail/call us		