

Table of Contents

- Overview 3
- Eligibility 4
- About Srini Ramineni – Instructor and Founder of DBA University 4
- AWS Certification 6
- Pricing and Registration 6
- Course Topics 6
- Session 1 7
 - Create an Amazon Web Services (AWS) account 7
 - AWS regions and availability zones..... 7
 - AWS EC2 (Elastic Compute Cloud) 7
 - Security Groups..... 7
 - Elastic IP addresses Amazon EBS volumes – An introduction..... 7
- Session 2 7
 - Amazon Simple Storage Service (S3) 7
 - AWS Budgets..... 7
 - Simple Monthly Calculator..... 7
- Session 3 7
 - TCO (Total Cost of Ownership) Calculator 7
 - AWS EBS Snapshots 7
 - Data Lifecycle Manager..... 7
- Session 4 8
 - Identity and Access Management..... 8
 - Multi-factor authentication 8
 - IAM Policies..... 8
 - IAM Groups 8

- IAM Users 8
- IAM Roles 8
- Session 5 8
 - Amazon RDS (Relational Database Service) 8
 - Multi-AZ deployment 8
- Session 6 8
 - Amazon CloudWatch 8
 - On-demand instances 8
 - Amazon EC2 Reserved Instances (RI) 8
 - Convertible instances 8
 - AWS Cost Explorer 8
 - Amazon Trusted advisor 8
- Session 7 9
 - AWS CloudFormation 9
 - AWS Managed Services 9
 - Shared responsibility model 9
 - AWS Support 9
 - EC2 Instance billing (by the hour or partially?) 9
- Session 8 9
 - AWS Well-architected Tool 9
 - Amazon Inspector 9
 - Amazon CloudSearch 9
 - AWS Service Catalog 9
- Session 9 9
 - AWS Organizations 9
 - Prod and non-prod accounts (separate AWS accounts) for billing isolation 9
 - AWS Consolidated Billing 9
 - AWS Artifact 9
 - AWS Connect 9
 - AWS Single Sign-On (SSO) 9
- Session 10 9

- Auto Scaling 10
- Route 53..... 10
- AWS Marketplace 10
- AWS Shield 10
 - DDoS attack and other AWS Abuse from AWS resources 10
- Session 11 10
 - Instance storage (ephemeral - lasting for a very short time) vs EBS volumes..... 10
 - AWS CloudTrail 10
 - Amazon CloudFront 10
- Session 12 10
 - Amazon Virtual Private Cloud (VPC) 10
 - Default VPC and default subnets in it 10
 - Create a custom VPC with both public and private subnets 10
 - Internet Gateway 10
 - AWS Site-to-Site VPN connection and Virtual Private Gateway 10
 - API Gateway 10
 - AWS Direct Connect 10
 - AWS Certified Cloud Practitioner examination..... 10
 - Close your training AWS account..... 10
- Unique Teaching Methodology..... 10
- More Information 11

Overview

Cloud Computing is one of the most in demand skills in the Information Technology (IT) job market today. This AWS Certified Cloud Practitioner training will help students get a solid practical exposure in the world of cloud computing in general and Amazon Web Services (AWS) in particular. AWS is the world’s leading cloud computing provider.

Becoming an AWS Certified Cloud Practitioner is a recommended step towards achieving an Associate-level or Specialty certification.

Students can use the training to prepare for AWS Certified Cloud Practitioner examination. In addition, this will be an excellent course for entry level students who want to master other topics in AWS and achieve other AWS certifications in the future.

Eligibility

Anyone is eligible to register for this course. There are no prerequisites. This is the perfect course for beginners in Cloud Computing. This course starts from the fundamentals (basics) and helps you master several topics with excellent lab practical exercises.

In addition, this will be an excellent course for AWS beginners who want to master other topics in AWS and achieve other AWS certifications in the future such as the AWS Architect Associate certification.

About Srini Ramineni – Instructor and Founder of DBA University



This training is provided by Srinu Ramineni (Srinu).

Srinu Ramineni founded DBA University in Chicago, USA in 2010 with the aim of providing world class Information Technology (IT) training and services. DBA University offers training courses in Amazon Web Services (AWS), SQL language and database design, Oracle databases, Oracle ERP, Microsoft SQL Server Data Platform and Big Data using Hadoop. Our courses are very practical oriented and are aimed to help students and experienced professionals succeed both in job interviews as well as in the real world. A person who has a good work experience need not be a good teacher and vice-versa. What makes Srinu different from others is the way he teaches the courses quoting real time problems he faced during his industry work experience and a practical way to resolve those problems. All the courses he teaches are bundled with lot of hands-on lab practical exercises.

He can be reached at srinu@DBAUniversity.com

In short, Srini is a "results oriented" training provider with the dual aim of providing a world class training experience and helping our students secure a well-paying and stable job.

AWS Certification

We personally guarantee you that you will pass the [AWS Certified Cloud Practitioner](#) examination with a high score after completing this training course.

The AWS Certified Cloud Practitioner examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications.

This exam can be taken at a testing center or from the comfort and convenience of a home or office location as an online proctored exam.

Pricing and Registration

The course fee for Oracle training is **\$399**. We provide cloud-based access to our **14** video recordings for 12 months of On-Demand access on a 24*7 basis along with the 270-page training material PDF book.

Even though it is an On-Demand course based on video recordings, it still provides you a real classroom like experience because the videos are developed using a White Board. This is a comprehensive AWS cloud computing practitioner course and we personally guarantee that you will pass the AWS certification exam after completing this course.

- a) 14 video recordings.
- b) Access for 12 months on a 24*7 basis.
- c) Each video is about 1 hour to 1.5 hours approximately.
- e) Training materials through Dropbox.com email download.
- f) The training fee is **\$399**

Please purchase online at <https://dbauniversity.com/course/aws-certified-cloud-practitioner>

We accept online DEBIT CARD, CREDIT CARD or PayPal.

Course Topics

Session 1

Create an Amazon Web Services (AWS) account

AWS regions and availability zones

AWS EC2 (Elastic Compute Cloud)

Security Groups

Elastic IP addresses Amazon EBS volumes – An introduction

Session 2

Amazon Simple Storage Service (S3)

AWS Budgets

Simple Monthly Calculator

Session 3

TCO (Total Cost of Ownership) Calculator

AWS EBS Snapshots

Data Lifecycle Manager

Session 4

Identity and Access Management

Multi-factor authentication

IAM Policies

IAM Groups

IAM Users

IAM Roles

Session 5

Amazon RDS (Relational Database Service)

Multi-AZ deployment

Session 6

Amazon CloudWatch

On-demand instances

Amazon EC2 Reserved Instances (RI)

Convertible instances

AWS Cost Explorer

Amazon Trusted advisor

Session 7

AWS CloudFormation

AWS Managed Services

Shared responsibility model

AWS Support

EC2 Instance billing (by the hour or partially?)

Session 8

AWS Well-architected Tool

Amazon Inspector

Amazon CloudSearch

AWS Service Catalog

Session 9

AWS Organizations

Prod and non-prod accounts (separate AWS accounts) for billing isolation

AWS Consolidated Billing

AWS Artifact

AWS Connect

AWS Single Sign-On (SSO)

Session 10

Auto Scaling

Route 53

AWS Marketplace

AWS Shield

DDoS attack and other AWS Abuse from AWS resources

Session 11

Instance storage (ephemeral - lasting for a very short time) vs EBS volumes

AWS CloudTrail

Amazon CloudFront

Session 12

Amazon Virtual Private Cloud (VPC)

Default VPC and default subnets in it

Create a custom VPC with both public and private subnets

Internet Gateway

AWS Site-to-Site VPN connection and Virtual Private Gateway

API Gateway

AWS Direct Connect

AWS Certified Cloud Practitioner examination

Close your training AWS account

Unique Teaching Methodology

We use a **DIGITAL WHITE BOARD** for teaching our online courses. Teaching with a DIGITAL WHITE BOARD gives our students a traditional **classroom like experience**. The instructor writes and draws by free hand on the DIGITAL WHITE BOARD and all our students can see it in real time in the online classroom.

More Information

1. Registration at <https://dbauniversity.com/course/aws-certified-cloud-practitioner>
2. For additional information, please email srini@DBAuniversity.com