

# AWS Solution Architect Online Training

Trainer	Murthy Raju ( <a href="#">Trainer profile</a> )
Start date	TBD
Days	Saturday and Sunday
Duration	7 weeks (14 sessions)
Timings	2 Hours per session
Approximate effort required for ideal outcomes	28 hours of participation in the class 56 hours of effort outside the class on assigned tasks and projects
Mode of instruction	Live Instructor Led course delivered Via Webex
Fee (INR)	\$ 350 ₹ 16000
Contact	+91 98405 43474 murthyraju@gmail.com

## Target Audience

IT Professionals (with at least 1 year of experience in the area of system/network administration, Testing or Development ) who want to get started with AWS as a career strategy. However, past learners have had an experience of 7 to 10 years on an average.

## Expected Outcomes

After completion of the course, the learner will be able to understand the domain of cloud computing well and will have a solid foundation in various services of Amazon Web Services. Apart from having knowledge and confidence to work on compute, storage, networking, security, automation, databases and other services of AWS, the

learners will also be able to understand the best practices for designing cloud based solutions. They will also develop enough confidence to venture into other cloud services such as Azure and Google cloud when needed

## **Additional details about the course**

This is a very hands-on course and each class, the learner will get a solid conceptual understanding of the topics discussed and will also be able to watch a live interactive demo by the trainer. You will also be able to follow along with the instructor so that you get first hand experience on the topics covered. Each session has associated tasks and the learner is expected to complete them before the next session. These tasks ensure that the learner understands each topics and gains confidence for the actual adoption of the tools discussed.

## **Enrolment Process**

**Step 1:** If you find the course coverage and the trainer profile appropriate to your needs and if you feel that you will benefit from the course, fill the course enrolment form [here](#).

**Step 2:** Make payment via bank transfer as per the payment instructions mail you will receive after registration. Credit card payment option is also available.

## **Course outline**

- Introduction to cloud computing
- Survey of the cloud computing industry
- Introduction to Amazon Web Services
- Compute Services - EC2
- Compute Services - Elasticity and Load Balancing - Auto Scaling and ELB
- Monitoring Service - Cloud Watch
- Logging Service - Cloud Watch

- Storage Services - Elastic Block Storage ( EBS )
- Storage Services - Object Storage and Archiving Services - S3 and Glacier
- Content Delivery Network - Cloud Front
- Networking - VPC
- Authentication and Authorization - IAM
- Security on AWS - Ingress/Egress Control at instance level and at subnet level
- Networking - DNS Service - Route53
- Databases on AWS - Relational Databases - RDS
- Databases on AWS - Non Relational Databases - Dynamo DB
- Platform as a service - Paas Offering - Elastic Beanstalk
- Configuration Management - OpsWorks
- Managing AWS Infrastructure - CLI, APIs, Cloud Formation and Third Party Tools - Terraform
- Architecture - Planning/Designing Infrastructure
- Architecture - Fault Tolerance/High Availability Strategies
- Architecture - Hybrid Architecture
- Architecture - Disaster Recovery Strategies
- Architecture - Migration to Cloud
- Mini Project on using AWS