

SAA-C02 AWS Software Solutions Architect Associate, Part 1 of 9: Fundamentals and

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Meet the expert: Zeal works primarily as a Cloud Security Consultant guiding organizations to re-build their infrastructure with security in mind. Zeal also holds more than 13+ certifications ranging from RedHat Certified Architect to AWS Security.

Prerequisites: AWS Account and base knowledge of AWS services

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Course description: AWS Certified Solutions Architect Associate is for individuals who want to design cost-efficient, fault-tolerant systems on AWS. This course covers: an introduction to Cloud Computing, the Cloud Environment, AWS, Setting up your environment, building your first EC2, firewalls and subnets.

Course outline:

Intro to Cloud Computing

- Introduction
- Intro to Cloud Computing
- Cloud Computing Model
- Summary

Architecture of Cloud Environment

- Introduction
- Architecture of Cloud Environment
- On-Demand and Self Service
- Elasticity
- Elasticity Demo
- Summary

AWS Introduction

- Introduction
- Intro to AWS
- AWS Global Infrastructure
- Summary

Setup Environment

- Introduction
- Setting Up Labs
- Setting up SSH Client
- Key Based Auth
- Summary

First EC2

- Introduction
- First EC2 - Cloud Practitioner
- Browser Based SSH Connection
- Creating First Website in AWS
- Summary

Understanding Firewalls

- Introduction
- Understanding Firewalls
- AWS VPC
- Creating First VPC

- Summary

Understanding and Creating Subnets

- Introduction
- Understanding and Creating Subnets
- Internet Gateway
- Summary

Route Tables

- Introduction
- Route Tables
- IP Addressing in AWS
- Summary

Public and Private Subnets

- Introduction
- Public and Private Subnets
- VPC Peering
- Summary

NACL

- Introduction
- NACL
- EC2 Pricing
- Summary

AMI

- Introduction
- AMI
- Placement Groups
- Launch Template
- Summary