

AWS Cloud Practitioner, Part 3 of 8: Security and Compute

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Meet the expert: Syed Raza is an IT Enterprise Solutions, Senior Project Architect and Manager. He has over 20 years experience in DevOps, Agile, Lean SixSigma, ITIL, ITSM along with AWS, Azure, Google Cloud enterprise solutions including Python, Java, JavaScript, React JS, GCP, Kubernetes, Docker as well as Artificial intelligence.

Prerequisites: An Amazon Web Services Account and an understanding of web technologies will be helpful.

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Course description: Enterprise cloud computing is the future, get your knowledge and skills updated to adopt and leverage the cloud for your business. This path is intended for individuals in technical, managerial, sales, purchasing, or financial roles as a guide for the exam. This course covers: Identity Access Management, Certificates, ECT Infrastructure, Working with AMI's and Elastic Load Balancing.

Course outline:

IAM

- Introduction
- IAM
- Cognito
- IAM users and Groups
- Summary
- Create an Autoscaling Group
- Configure Autoscaling
- Summary

S5 Certificates

- Introduction
- S5 Certificates
- Benefits
- Pricing
- S5 Guard Duty
- How it Works
- Summary

ECT Basic Infrastructure

- Introduction
- EC2 Basic Infrastructure
- Storage
- Launching an EC2 Instance
- Summary

Working with AMIs

- Introduction
- Working with AMIs
- Snapshots and Restorations
- EC2 Instance DeepDive
- Summary

ELB

- Introduction
- ELB
- Elastic Load Balancer
- Autoscaling Basics
- Summary

Autoscaling

- Introduction
- Autoscaling Basics