AWS Certified Solutions Architect Associate, Part 2 of 3: Storage and Performance

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: Knowledge of AWS basic tools and services
You will need to set up an AWS Account (you can use the free tier for this course)

Co requisites include
AWS Certified Cloud Practitioner, Parts 1 through 8
AWS Data Migration, Parts 1 through 3

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Course description: Take your career in Cloud further with AWS Certified Solutions Architect Associate exam to become a software architect. This course covers: Storage Options, DynamoDB, Identity Access Management, as well as Credentials and Cross accounts.

Course outline:

Storage Options
• Introduction
• Storage Options
• Block Storage Performance
• Performance
• Data Search S3 Performance
• End User Performance
• Summary

Dynamodb Performance
• Introduction
• Dynamodb Table Performance
• Dynamodb Primary Keys
• Dynamodb Secondary Indexes
• Read Heavy Application Performance
• Write Heavy Application Performance
• Summary

Iam Design Principles and Securing Credentials
• Introduction
• IAM Design Principles
• Securing Access To Resources
• Summary

Temp Credentials Roles Ec2 And Cross Account
• Introduction
• Temp Credentials and Roles
• AWS Federated Users And IAM Best Practices
• Summary