

Advanced Architecting on AWS

Duration: 3 Days **Course Code: GK1980** **Delivery Method: Virtual Learning**

Overview:

Building on concepts introduced in Architecting on AWS, Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions which incorporate data services, governance, and security on AWS. This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is intended for: Seasoned IT professionals who are already familiar with AWS services

Objectives:

- This course is designed to teach you how to:
- Manage multiple AWS accounts for your organization
- Connect on-premises datacenter to AWS cloud
- Discuss billing implications of connecting multi-region VPCs
- Move large data from on-premises datacenter to AWS
- Design large datastores for AWS cloud
- Understand different architectural designs for scaling a large website
- Protect your infrastructure from DDoS attack
- Secure your data on AWS with encryption
- Design protection of data-at-rest as well as data-in-flight
- Enhance the performance of your solutions

Content:

This course will cover the following concepts on each day:

Day 1

- AWS Account Strategies
- Advanced Network Architecture

Designing Large Datastores for AWS

Day 2

- Web Scale Applications
- Building Resilience

Comprehensive Cloud Security

Day 3

- Encryption and Key Management on AWS
- Security Data on AWS
- Designing for Performance

Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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