Magna Skills
Development Institute

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Amazon Web Services (AWS) Certified Course Details

Department: ICT and Security Management

Presented by Magna Skills Development Institute

Date Created: 15-May-2025

Training Coordinator: Denis Wunganayi

Course Summary

The Amazon Web Services (AWS) Certified course offered by Magna Skills is designed to prepare participants for the AWS Certified Solutions Architect - Associate certification exam. This course provides comprehensive training on AWS cloud computing services, architectures, and best practices, equipping participants with the knowledge and skills needed to design, deploy, and manage scalable and reliable AWS solutions.

Course Objectives

1. **AWS Fundamentals:** Gain a solid understanding of AWS cloud computing fundamentals, including key services, concepts, and architectural principles.
2. **Designing and Deploying AWS Solutions:** Learn how to design and deploy scalable, secure, and high-performance AWS solutions based on industry best practices and AWS architectural principles.
3. **AWS Security and Compliance:** Understand AWS security and compliance best practices, including identity and access management (IAM), encryption, and compliance standards such as GDPR and HIPAA.
4. **Scalability and Elasticity:** Learn how to design and implement scalable and elastic AWS architectures to meet changing workload demands efficiently.
5. **Cost Optimization:** Develop strategies for optimizing AWS costs, including understanding pricing models, cost-effective architecture design, and leveraging AWS cost management tools.

Course Outline

Module 1: Introduction to AWS

- Overview of AWS cloud computing fundamentals
- AWS global infrastructure and core services

Module 2: AWS Identity and Access Management (IAM)

- Managing user access and permissions in AWS
- Implementing IAM best practices for security

Module 3: AWS Compute Services

- Understanding AWS compute services such as EC2, Lambda, and Elastic Beanstalk
- Designing scalable and high-performance compute architectures

Module 4: AWS Storage Services

- Overview of AWS storage services such as S3, EBS, and Glacier
- Designing resilient and scalable storage solutions

Module 5: AWS Networking Services

- Understanding AWS networking services such as VPC, Route 53, and CloudFront
- Designing secure and scalable network architectures

Module 6: AWS Security and Compliance

- Implementing security best practices in AWS, including encryption and compliance standards
- Monitoring and auditing AWS resources for compliance

Module 7: AWS Database Services

- Overview of AWS database services such as RDS, DynamoDB, and Redshift
- Designing scalable and reliable database architectures

Module 8: AWS Application Services

- Understanding AWS application services such as SQS, SNS, and SES
- Designing event-driven and decoupled architectures

Module 9: AWS Deployment and Management

- Deploying and managing AWS solutions using AWS CloudFormation and other management tools
- Implementing continuous integration and continuous deployment (CI/CD) pipelines

Module 10: AWS Best Practices and Exam Preparation

- Reviewing AWS best practices for architecture design, security, and cost optimization
- Exam preparation tips and practice questions for the AWS Certified Solutions Architect - Associate exam

The Amazon Web Services (AWS) Certified course prepares participants for the AWS Certified Solutions Architect - Associate certification exam by providing in-depth training on AWS cloud computing services, architectures, and best practices. Through a combination of theoretical learning, hands-on labs, and exam preparation exercises, participants will gain the knowledge and skills needed to become AWS Certified Solutions Architects.

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Company Overview

Who We Are: Magna Skills is a premier training and capacity-building organization specializing in professional development for government institutions, NGOs, and the private sector.

Our Mission: To provide world-class training solutions that equip professionals with the expertise needed to excel in their careers and contribute meaningfully to their organizations.

Our Vision: To be the leading provider of professional training and development across Africa, fostering excellence, innovation, and capacity-building in public and private sectors.

Core Values

- **Excellence** – Delivering high-quality training tailored to meet the evolving needs of professionals.
- **Integrity** – Upholding the highest ethical standards in all our engagements.
- **Innovation** – Embracing new technologies and methodologies to enhance learning experiences.
- **Customer-Centric Approach** – Ensuring client satisfaction by providing relevant, practical, and impactful training.
- **Collaboration** – Partnering with industry experts and institutions to provide the best learning opportunities.

Our Training Methodology

We use a blended learning approach that includes instructor-led training, case studies, workshops, and post-training support.

Why Choose Magna Skills?

- Experienced Trainers
- Customized Training Solutions
- Interactive Learning

- Global Recognition
- Proven Track Record

Request for Training Form

Complete the form and share with Magna Skills Support Team on email info@magnaskills.com or Send Whatsapp on: +27630079022

Approval & Authorization	
Applicant Details	**Course Details**
First Name:	Course Name:
Last Name:	Training Venue:
Mobile:	Month:
Email:	Training Method: Onine[_____] Face to Face [____]
Company Name:	Duration:
Country:	Number of Staff Members:

By signing this agreement, both parties confirm their commitment to the terms outlined in this proposal.