MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

ICT and Security Management

Amazon Web Services (AWS) Certified

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2637	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

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 Outcomes

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 / Curriculum

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.

Target Audience

Individuals who are involved in the development and implementation of training and development plans within organisations; Senior managers; Accountants; Human resources Managers; IT administrators and Technicians

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

- Pretoria, South Africa
- Vic Falls, Zimbabwe
- Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

- Kigali, Rwanda
- Kampala, Uganda
- Nairobi,
- Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

- Accra, Ghana
- Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

- Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

- Online, E-Learning
- Remote Teams
- Flex

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

- Onsite
- Custom Dates
- Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online | **View Full Course Page**

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	Amazon Web Services (AWS) Certified
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____