

AWS Migration Essentials

Duration: 1 Day **Course Code: GK4531**

Overview:

This course is intended to provide solutions architects with the foundational knowledge required to successfully plan and perform lift and shift migrations to the AWS Cloud. In this course you will learn about methodologies for discovering, planning, performing, and tracking migrations by using various AWS tools and services.

- Course level: Fundamental
- Duration: 1 day

Activities

This course includes presentations, hands-on labs, demonstrations, and assessments.

Target Audience:

Technical audience (solutions architects, developers, and administrators) with limited to no knowledge on cloud migration.

Objectives:

- In this course, you will learn to:
 - Determine cloud readiness and migration strategies using assessment tools and services provided by Amazon Web Services (AWS).
 - Articulate the key tasks involved in planning and mobilizing migrations.
 - Describe, at a high level, the Amazon Web Services (AWS) services, resources, and tools necessary for migrations of data and databases.
 - Describe, at a high level, the Amazon Web Services (AWS) services, resources, and tools necessary for migrations of applications.
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Prerequisites:

We recommend that attendees of this course have:

- AWS Technical Essentials
 - GK4501 - AWS Technical Essentials (EN)
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Content:

Day 1

Module 0: Course Introduction

- Introductions
- Course overview

Module 1: Assess

- Migration phases
- Migration drivers and outcomes
- Cloud Adoption Readiness Tool (CART)
- Migration Readiness Assessment (MRA)
- Migration Evaluator
- Migration Portfolio Assessment (MPA)

Module 2: Mobilize

- Landing zones
- AWS Application Discovery Service
- Migration strategies
- AWS Migration Hub

Module 3: Migrate and Modernize: Database and Data Migration

- AWS Database Migration Service (AWS DMS)
- Data migration
- Lab 1: Database Migration with AWS DMS

Module 4: Migrate and Modernize: AWS Application Migration Service

- Migrate servers with AWS Application Migration Service (AWS MGN)
- Modernization phases
- AWS Well-Architected Framework for migration
- Application optimization
- Lab 2: Application Migration with AWS MGN

Module 5: Course Summary

- Course summary

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

training@globalknowledge.com.eg

www.globalknowledge.com/en-eg/

Global Knowledge, 16 Moustafa Refaat St. Block 1137, Sheraton Buildings, Heliopolis, Cairo