

# COURSE OVERVIEW

**Course Name:**  
Migrating to AWS

**COURSE DURATION: 3 Days**

**Gauteng:**

3rd Floor, 34 Whitely Road  
Melrose Arch  
Johannesburg  
2196

**Gauteng:**

192 on Bram  
192 Bram Fischer Drive  
Ferndale, Randburg  
Johannesburg  
2160

**Cape Town:**

3rd Floor, Thomas Pattullo Building  
19 Jan Smuts St  
Cape Town  
8000

**Durban:**

9 Mountview Close  
Broadlands  
Mount Edgecombe  
Durban  
4302

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## INTRODUCTION

This course is for individuals who seek an understanding of how to plan and migrate existing workloads to the AWS Cloud.

You will learn about various cloud migration strategies and how to apply each step of the migration process, including portfolio discovery, application migration planning and design, conducting a migration, and post-migration validation and application optimization. Hands-on labs reinforce learning, and each lab is designed to provide you with the understanding and foundation necessary to complete migration tasks in your organization.

## INTENDED AUDIENCE

This course is intended for:

- Solutions architects
- Software engineers
- IT project managers
- Operation leads

## DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

## COURSE OBJECTIVES

In this course, you will learn how to:

- Recognize the common business and technical drivers for migrating to the cloud
- Summarize the three phases of a migration and associated objectives, tasks, and stakeholders for each Describe AWS architecture, tools, and migration best practices
- Distinguish between the various cloud migration strategies and when each is most appropriate
- Determine an organization's application migration readiness
- Discover a portfolio and gather data necessary for migration
- Plan and design an application migration strategy
- Perform and validate application migration to the cloud
- Optimize applications and operations after migrating to the cloud

## COURSE CONTENT

This course covers the following concepts:

- Introduction to Migrating to AWS
- Module 1: What Is a Cloud Migration?
- Module 2: Assessing Migration Readiness
- Module 3: Preparing for a Migration and Understanding Related Workstreams
- Module 4: Discovering Landing Zones and Their Benefits
- Module 5: Building a Landing Zone
- Module 6: Discovering the Portfolio and Understanding Migration Strategies
- Module 7: Understanding and Choosing Portfolio Discovery Tools
- Module 8: Planning and Designing a Migration
- Module 9: Performing the Migration to AWS
- Module 10: Understanding Database and Data Migration Services
- Module 11: Understanding Additional Migration Support Options
- Module 12: Integrating, Validating, and Cutting Over Applications
- Module 13: Modernizing and Optimizing an Application Migration
- Module 14: Understanding Operations Tools, Integration Testing, and Automation
- Module 15: Migration Best Practices