



# AWS Migration Essentials (AWS-MIGRATE-ESS)

## COURSE 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.

## WHO WILL BENEFIT FROM THIS COURSE?

This course is intended for:

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

## PREREQUISITES

We recommend that attendees of this course have:

- AWS Technical Essentials

## COURSE OBJECTIVES

In this course, you will learn to:

- Determine cloud readiness and migration strategies using assessment tools and services provided by 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.

## COURSE OUTLINE

Course Introduction

- Introductions
- Course overview

Assess

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



#### Mobilize

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

#### Migrate and Modernize: Database and Data Migration

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

#### 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

#### Course Summary

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