

AWS-ME: AWS Migrations Essentials

Course Code: AWS-ME

Duration: 1 day

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

Gain the skills to plan and perform lift and shift migrations.

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.

SKILLS COVERED

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

WHO SHOULD ATTEND?

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](#)

MODULES

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

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