Migrating to AWS

Designed for solutions architects and engineers and IT project managers, this course focuses on planning and migrating existing workloads to the AWS Cloud. The first part of the course provides students with an overview of migration planning principles and best practices, and the second half of the class focuses on migration design and implementation with hands-on labs to reinforce concepts. In addition, you will learn how to:

- Explain the various cloud migration strategies
- Assess cloud migration readiness
- Discover your portfolio and plan for migration
- Plan and design your application migration strategy
- Perform and validate application migration to the cloud
- Optimize your applications and operations after migrating to the cloud

Who Should Attend?

This course is intended for:

- Solutions Architects and engineers who perform cloud migrations and have completed AWS Technical Essentials[1] or Architecting on AWS[2]
- IT Project Managers who are involved in projects related to migrating existing workloads to the AWS Cloud and have completed AWS Technical Essentials[1] or Architecting on AWS[2]
- Individuals who are part of an organization's cloud Center of Excellence (CoE)

Prerequisites

We recommend that attendees of this course have the following prerequisites:

- Courses taken: AWS Technical Essentials[1] or Architecting on AWS[2]
- Certifications achieved (optional): AWS Certified Solutions Architect–Associate
- Familiarity with enterprise IT infrastructure (hardware and software)

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Hands-on labs

Hands-On Activity

This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises.

Course Outline

Day One

- Migrating to AWS - An Overview
- Discovery, Analysis, and Planning
- Migration Planning and Design

Day Two

- Migration, Integration, and Validation
- Optimizing Applications and Operating in the AWS Cloud