

Migrating to AWS

Duration 2 Days

Migrating to AWS focuses on planning and migrating existing workloads to the AWS Cloud. The course covers various cloud migration strategies with a detailed discussion on each phase of the migration process, including portfolio discovery, application migration planning and design, migration execution, and post-migration validation and application optimization. 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. This course is designed for solutions architects and engineers who perform cloud migrations and have an understanding of core AWS services and design patterns covered in *Architecting on AWS*, and is also available to IT project managers involved in the planning of those migrations who have completed *AWS Technical Essentials*.

Intended Audience

This course is intended for:

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

Course Objectives

In this course, 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.

Prerequisites

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

- Courses taken: *AWS Technical Essentials* or *Architecting on AWS*
- 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

Course Outline

This course covers the following concepts:

- 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