



Migrating to AWS

Learn about various cloud migration strategies from an expert AWS instructor 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. Practical labs reinforce learning, and each lab is designed to provide you with the understanding and foundation necessary to complete migration tasks in your organization.

Course Contents

- 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 Applications
- Module 14: Understanding Operations Tools, Integration Testing, and Automation
- Module 15: Migration Best Practices

You have access to the labs for another 14 days after the course. This way you can repeat exercises or deepen them individually.

E-Book You will receive the original course documentation by Amazon Web Services as an e-book.

Target Group

- Solutions architects
- Software engineers
- IT project managers
- Operation leads
- Other individuals involved in the planning and running of migration projects

Prerequisites

- Familiarity with enterprise IT infrastructure (hardware and software)
- Completed the AWS Technical Essentials or Architecting on AWS classroom training
- Achieved your AWS Certified Solutions Architect – Associate certification (optional)

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/AWMA

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

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Training	Prices, excl. of V.A.T.	
Classes in Germany	3 Days	€ 2,095
Online Training	3 Days	€ 2,095
Dates upon request		

Status 04/09/2024



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Migrating to AWS

Module 0: Introduction to Migrating to AWS	and Directory Services to AWS	Amazon Aurora
Course introduction	Module 6: Discovering the Portfolio and Understanding Migration Strategies	Module 11: Understanding Additional Migration Support Options
Module 1: What Is a Cloud Migration?	Explain the activities of the detailed portfolio discovery workstream	Discuss additional migration support options
Summarize the drivers and desired outcomes of a cloud migration	Describe how to assess an application's migration readiness	Summarize AWS Managed Services and AWS Marketplace
Identify the elements of a successful migration journey	Summarize the seven migration strategies	Describe SAP on AWS and services offered for Windows
Describe the three-phase AWS migration process	Module 7: Understanding and Choosing Portfolio Discovery Tools	Module 12: Integrating, Validating, and Cutting Over Applications
Module 2: Assessing Migration Readiness	Summarize the various discovery tools available	Discuss the process and benefits of integrating, validating, and cutting over applications
Summarize the activities and goals of the assess phase	Distinguish which tools are best to use based on scenario	Module 13: Modernizing and Optimizing an Application Migration
Evaluate tools for assessing your organization's cloud readiness	Hands-On Lab: Gathering Application Data Necessary for Migration	Identify post-migration opportunities for modernization and optimization
Describe Migration Readiness Assessments (MRAs) and their importance	Module 8: Planning and Designing a Migration	Understand cost and security optimization processes
Group Exercise: Assess cloud migration readiness with AWS Cloud Adoption Readiness Tool (CART)	Describe the planning and design process	Explore tools available to support these processes
Module 3: Preparing for a Migration and Understanding Related Workstreams	Summarize how to set up a migration factory	Hands-On Lab: Optimizing an Application with Amazon S3 and Amazon ECS
Summarize the mobilize phase of the process	Choose and finalize an application migration strategy	Module 14: Understanding Operations Tools, Integration Testing, and Automation
Discuss the eight unique migration-related workstreams	Module 9: Performing the Migration to AWS	Summarize operations in the cloud
Module 4: Discovering Landing Zones and Their Benefits	Explain the server migration process	Discuss four functions of operations and their domains
Explain the function of a landing zone	Discuss the various migration automation and governance tools available	Review operations automation and relevant support tools
Discuss best practices for creating a custom landing zone	Evaluate server migration tools for compatibility with your environment	Module 15: Migration Best Practices
Describe how you would use AWS Control Tower to create a landing zone	Hands-On Lab: Migrating an Application to AWS	Course review and key takeaways
Module 5: Building a Landing Zone	Module 10: Understanding Database and Data Migration Services	Summarize and reinforce AWS best practices for migrating
Summarize the process of building a landing zone	Summarize the significance of database and data migration	Hands-On Lab: Automating Application Deployments
Determine the best multi-account structure, governance policies, and connectivity plan for a landing zone	Discuss the various data migration tools available	
Demonstration: AWS Control Tower	Hands-On Lab: Migrating an Existing Database to	

