



Architecting on AWS

This course focuses on the fundamentals of building IT infrastructure on the AWS platform. You will learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. Best practices and design patterns are covered to help you architect optimal IT solutions on the AWS Cloud. Build and explore a variety of infrastructures through guided discussions and hands-on activity.

The trainers will teach you best practices with the AWS Well-Architected Framework and guide you through the process of developing optimal IT solutions based on real-world scenarios. Each section focuses on account security, networking, computing, storage, databases, monitoring, automation, containers, serverless architecture, edge services, backup and recovery.

At the end of the course, you will practice building a solution and apply what you have learned on your own responsibility.

Course Contents

- Module 1: Architecting Fundamentals
- Module 2: Account Security
- Module 3: Networking 1
- Module 4: Compute
- Module 5: Storage
- Module 6: Database Services
- Module 7: Monitoring and Scaling
- Module 8: Automation
- Module 9: Containers
- Module 10: Networking 2
- Module 11: Serverless
- Module 12: Edge Services
- Module 13: Backup and Recovery

This course includes presentations based on use cases, group discussions, demonstrations, assessments and hands-on labs. 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

This course is intended for:

- Solutions Architects
- Solution Design Engineers
- Anyone who needs to understand the scope of cloud architectures

Prerequisites

We recommend that attendees of this course have:

- Taken the AWS Cloud Practitioner Essentials training
- Working knowledge of distributed systems and multi-tier architectures
- Familiarity with general networking and cloud computing concepts

Practical lab exercises with the AWS environment are part of the training. In order to be able to carry out these successfully, an internet-capable notebook (Windows, Linux, MacOS) is a prerequisite.

Important: Therefore, please bring your notebook to the course! If this is not possible, please contact us in advance.

Please note our overview AWS Trainings!

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/AWAR

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.

Training	Prices, excl. of V.A.T.	
Classes in Germany	3 Days	€ 1,845
Classes in Austria	3 Days	€ 1,845
Online Training	3 Days	€ 1,845
Date/course venue	Course language German	
14/05-16/05/24 Online	06/08-08/08/24	Düsseldorf
14/05-16/05/24 Wien	06/08-08/08/24	Online
11/06-13/06/24 München	08/10-10/10/24	Frankfurt
11/06-13/06/24 Online	08/10-10/10/24	Online
18/06-20/06/24 Düsseldorf	03/12-05/12/24	München
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Module 3: Networking, Part 1

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Monitoring: CloudWatch, CloudTrail, and VPC Flow

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