



# AWS Cloud Practitioner Essentials Training

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This beginner course is designed for individuals who want to gain a comprehensive understanding of the AWS Cloud, regardless of specific technical roles. It provides an in-depth overview of cloud concepts, AWS services, security, architecture, pricing and support to help you expand your cloud knowledge and increase your professional credibility. This course will also help you prepare for the AWS Certified Cloud Practitioner exam.

### Course Contents

- Module 1: Introduction to Amazon Web Services
- Module 2: Compute in the Cloud
- Module 3: Global Infrastructure and Reliability
- Module 4: Networking
- Module 5: Storage and Databases
- Module 6: Security
- Module 7: Monitoring and Analytics
- Module 8: Pricing and Support
- Module 9: Migration and Innovation
- Module 10: AWS Certified Cloud Practitioner Basics

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

- Sales
- Legal
- Marketing
- Business Analysts
- Project Managers
- AWS Academy Students
- IT-related Professionals

### 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/AWCP](http://www.expertech-training.com/go/AWCP)

### 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.	
<b>Classes in Germany</b>	<b>1 Day</b>	<b>€ 775</b>
<b>Classes in Austria</b>	<b>1 Day</b>	<b>€ 775</b>
<b>Online Training</b>	<b>1 Day</b>	<b>€ 775</b>
<b>Date/course venue</b>	<b>Course language German </b>	
27/05-27/05/24  Hamburg	09/09-09/09/24  Düsseldorf	
27/05-27/05/24  Online	09/09-09/09/24  Frankfurt	
03/06-03/06/24  Online	09/09-09/09/24  Online	
03/06-03/06/24  Wien	09/09-09/09/24  Online	
17/06-17/06/24  Düsseldorf	14/10-14/10/24  München	
17/06-17/06/24  Online	14/10-14/10/24  Online	
08/07-08/07/24  München	18/11-18/11/24  Hamburg	
08/07-08/07/24  Online	18/11-18/11/24  Online	
12/08-12/08/24  München	09/12-09/12/24  Düsseldorf	
12/08-12/08/24  Online	09/12-09/12/24  Online	

Status 04/09/2024



# Table of Contents

## AWS Cloud Practitioner Essentials Training

<b>Module 1: Introduction to Amazon Web Services</b>	Describe the benefit of AWS Direct Connect	Describe the benefits of Amazon CloudWatch
Summarize the benefits of AWS	Describe the benefit of hybrid deployments	Describe the benefits of AWS CloudTrail
Describe differences between on-demand delivery and cloud deployments	Describe the layers of security used in an IT strategy	Describe the benefits of AWS Trusted Advisor
Summarize the pay-as-you-go pricing model	Describe which services are used to interact with the AWS global network	<b>Module 8: Pricing and Support</b>
<b>Module 2: Compute in the Cloud</b>	<b>Module 5: Storage and Databases</b>	Understand AWS pricing and support models
Describe the benefits of Amazon Elastic Compute Cloud (Amazon EC2) at a basic level	Summarize the basic concept of storage and databases	Describe the AWS Free Tier
Identify the different Amazon EC2 instance types	Describe benefits of Amazon Elastic Block Store (Amazon EBS)	Describe key benefits of AWS Organizations and consolidated billing
Differentiate between the various billing options for Amazon EC2	Describe benefits of Amazon Simple Storage Service (Amazon S3)	Explain the benefits of AWS Budgets
Describe the benefits of Amazon EC2 Auto Scaling	Describe the benefits of Amazon Elastic File System (Amazon EFS)	Explain the benefits of AWS Cost Explorer
Summarize the benefits of Elastic Load Balancing	Summarize various storage solutions	Explain the primary benefits of the AWS Pricing Calculator
Give an example of the uses for Elastic Load Balancing	Describe the benefits of Amazon Relational Database Service (Amazon RDS)	Distinguish between the various AWS Support Plans
Summarize the differences between Amazon Simple Notification Service (Amazon SNS) and Amazon Simple Queue Services (Amazon SQS)	Describe the benefits of Amazon DynamoDB	Describe the benefits of AWS Marketplace
Summarize additional AWS compute options	Summarize various database services	<b>Module 9: Migration and Innovation</b>
<b>Module 3: Global Infrastructure and Reliability</b>	<b>Module 6: Security</b>	Understand migration and innovation in the AWS Cloud
Summarize the benefits of the AWS Global Infrastructure	Explain the benefits of the shared responsibility model	Summarize the AWS Cloud Adoption Framework (AWS CAF)
Describe the basic concept of Availability Zones	Describe multi-factor authentication (MFA)	Summarize six key factors of a cloud migration strategy
Describe the benefits of Amazon CloudFront and Edge locations	Differentiate between the AWS Identity and Access Management (IAM) security levels	Describe the benefits of various AWS data migration solutions, such as AWS Snowcone, AWS Snowball, and AWS Snowmobile
Compare different methods for provisioning AWS services	Describe security policies at a basic level	Summarize the broad scope of innovative solutions that AWS offers
<b>Module 4: Networking</b>	Explain the benefits of AWS Organizations	Summarize the five pillars of the AWS Well-Architected Framework
Describe the basic concepts of networking	Summarize the benefits of compliance with AWS	<b>Module 10: AWS Certified Cloud Practitioner Basics</b>
Describe the difference between public and private networking resources	Explain primary AWS security services at a basic level	Determine resources for preparing for the AWS Certified Cloud Practitioner examination
Explain a virtual private gateway using a real life scenario	<b>Module 7: Monitoring and Analytics</b>	Describe benefits of becoming AWS Certified
Explain a virtual private network (VPN) using a real life scenario	Summarize approaches to monitoring your AWS environment	

