

AWS Foundations

Audience Course AWS Foundations

The course AWS Foundations is intended for anyone who wants to learn Amazon Web Services or prepare for the AWS Certified Cloud Practitioner exam (CLF-C01).

Prerequisites Course AWS Foundations

No specific prior knowledge is required for this course. General IT knowledge is desirable.

Realization Training AWS Foundations

AWS's services are explained using demos. During the course demonstrations are interchanged with practical exercises.

Certification Course AWS Foundations

Attendants receive a certificate of participation in the AWS Foundations course upon successful completion.

Duration: 1 day

Price: € 699

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Content Course AWS Foundations

The course AWS Foundation is designed to help candidates prepare for the AWS Certified Cloud Practitioner exam. The course covers fundamental AWS concepts, services and best practices and provides the knowledge and skills needed to work effectively in the AWS cloud environment.

AWS Intro

The course AWS Foundations starts with a general overview of Cloud Computing and provides an understanding of the overall structure of the Amazon Web Service (AWS) cloud. The AWS pricing model and AWS billing are also discussed.

Compute Services

Next the Compute Services in AWS are covered, including the Elastic Compute Cloud (EC2) with which Virtual Machines can be created and enabled in the cloud. Attention will also be paid to Elastic Load Balancing, Serverless Computing and AWS Lambda.

Storage Services

Next Storage Services are treated, including the S3 Simple Storage Service, the Elastic Block Store (EBS) and the Elastic File System (EFS). The Relational Database Service will also be discussed, which allows relational databases to be hosted in the AWS cloud.

AWS Networking

Part of the program of the AWS Foundations course is also an overview of networking in the AWS cloud. The possibilities of the Virtual Private Cloud (VPC), VPN Connections, Amazon CloudFront CDN and the Route 53 DNS Service are explained.

AWS Security

AWS Security is also covered with the Shared Responsibility Model, AWS Identity and Access Management (IAM). And AWS Data Encryption is treated.

AWS Foundations exam

Finally attention is paid to the preparation for the AWS Foundations exam. The questions from various test exams are discussed and tips are given that can help you to pass the exam.

Modules Course AWS Foundations

Module 1 : AWS Intro	Module 2 : Compute Services	Module 3 : Storage Services
Intro to Cloud Computing What is AWS? AWS Global Infrastructure AWS Pricing Model AWS Billing AWS Cloud Types AWS Identity IAM Access Keys CloudWatch for Monitoring Resource Management Systems Manager (SSM)	Elastic Compute Cloud (EC2) EC2 Instance Types EC2 Families Launching EC2 Instances EC2 Security Groups Key Pairs and SSH Access Elastic Load Balancing Auto Scaling in AWS Serverless Computing AWS Lambda Elastic Container Service	Simple Storage Service S3 Buckets and Objects Data Encryption in S3 Elastic Block Store (EBS) Elastic File System (EFS) Storage Gateway Storage Services Relational Database Service RDS Engine Types DynamoDB NoSQL Database ElastiCache for Caching
Module 4 : AWS Networking	Module 5 : AWS Security	Module 6 : AWS Exam Preparation
Virtual Private Cloud (VPC) VPC Subnets Route Tables VPC Security Network Access Control VPC Peering VPN Connections Amazon CloudFront CDN Route 53 DNS Service AWS Direct Connect AWS Global Accelerator	Shared Responsibility Model Security Best Practices AWS Identity Access Management (IAM) Network Security VPC Security AWS Data Encryption Compliance and Auditing Trusted Advisor Security Monitoring Incident Response	Certified Cloud Practitioner AWS Exam Overview Well-Architected Framework Identify Solutions AWS Financial Benefits Exam Preparation Tips Practice Questions Mock Exams Test-Taking Strategies Review Sessions Final Exam Review