AWS – Amazon Web Services Technical Essentials

Description

This training introduces Amazon Web Services AWS products, services, and common solutions with immersive exercises and hands-on activities. It helps learners who do not come from a technical background to gain proficiency in Amazon Web Services and empowers them to make informed decisions about IT solutions based on business requirements.

Classroom Registration Price (CHF)
900
Virtual Classroom Registration Price (CHF)
900
Course Content
Module 1: Introduction & History to AWS

- Lesson 1: Navigate the AWS Management Console
- Lesson 2: Recognize AWS Global Infrastructure
- Lesson 3: Describe the security measures AWS provides

Module 2: AWS Storage & Content Delivery

- Lesson 1: Identify key AWS storage options
- Lesson 2: Describe Amazon EBS
- Lesson 3: Create an Amazon S3 bucket and manage associated objects

Module 3: Compute Services & Networking

- Lesson 1: Identify the different AWS compute and networking options
- Lesson 2: Describe an Amazon Virtual Private Cloud (VPC)
- Lesson 3: Create an Amazon EC2 instance
- Lesson 4: Verify how to use Amazon EBS

Module 4: AWS Managed Services & Database

- Lesson 1: Describe Amazon DynamoDB
- Lesson 2: Verify key aspects of Amazon RDS
- Lesson 3: Execute an Amazon RDS drive application

Module 5: Deployment and Management

- Lesson 1: Identify AWS CloudFormation
- Lesson 2: Describe Amazon CloudWatch metrics and alarms
- Lesson 3: Describe Amazon Identity and Access Management (IAM)

Lab / Exercises

- This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises.

Documentation
Digital courseware included
Participant profiles

- Individuals who need a basic introduction to AWS core services

Prerequisites

- No prerequisites

Objectives

- Identify AWS user groups and online tools and resources available
- Create an AWS account
- Identify technical terminology and concepts as they relate to the cloud and AWS platform
- Describe key AWS Compute and Storage products and service
- Describe key AWS Scale and Networking products and services
- Describe the impact and importance of Architecture
- Identify the related Application services
- Demonstrate how to launch and manage server instances in the AWS cloud
- Construct a hosted static website
- Deploy infrastructure and applications
- Describe the account, billing (tagging), pricing credentials delegation, reporting

Niveau
Fondamental
Duration (in Days)
1
Reference
AWS-02