

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.

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

Virtual Classroom Registration Price (CHF)

850

Duration (in Days)

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Reference

AWS-03