AWS Certified SysOps Administrator Associate Bundle (ACSOAA-BUNDLE)

ID ACSOAA-BUNDLE   **Price** CHF 3,070.—(excl. VAT)   **Duration** 4 days

Who should attend

- Individuals who need a basic introduction to AWS core services.
- Systems Administrators, Operations Managers, and individuals responsible for supporting operations on the AWS platform

This course is part of the following Certifications

AWS Certified SysOps Administrator – Associate (ACSOAA)

Prerequisites

- Working knowledge of systems administration
- Familiarity with cloud computing concepts
- Linux or Windows command-line experience

Course Objectives

By the end of this course, you will be able to:

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 services, including EC2, EC2 Security, related application services and CloudFormation templates, VPC, Amazon storage gateway and lifting, storage on S3 and Glacier Describe key AWS Scale and Networking products and services, including ELB, Auto Scale, CloudWatch metrics and alarms, Elastic BeanStalk , Networking with VPC, DirectConnect, Amazon Route 53, and CloudFront Describe the impact and importance of Architecture Identify the related Application services and CloudFormation templates Demonstrate how to launch and manage server instances in the AWS cloud Construct a hosted static website Deploying Infrastructure and Applications Describe the account, billing (tagging), pricing credentials delegation, reporting Use Amazon EC2 features to provision, monitor, scale and distribute compute infrastructure Create Amazon Virtual Private Cloud (VPC)

resources such as subnets, network access control lists, and security groups Backup AWS and on-premise resources using AWS services Use Amazon CloudWatch metrics to monitor the health and utilization of AWS resources Leverage resource tagging to allocate costs and optimize resource planning Create a gold image and employ auto scaling into the VPC

Course Content

Day 1

- AWS Learning Resources & Getting Started
- Introduction to AWS Platforms
- AWS Products and Services Part 1
- AWS Products and Services Part 2
- Delivering Solutions using AWS
- AWS Resources

Day 2

- AWS platform and access
- Amazon VPC
- AWS Identity and Access Management (IAM)
- Compute (Availability Zones, Amazon EC2 instance types, calling EC2 services, Elastic Block Store-backs AMIs)
- Hands-on Labs

Day 3

- Tagging
- Backup (AWS resources and on-premise resources with AWS services)
- Operations Security
- Logging
- Hands-On Labs

Day 4

- Cost Control
- Elastic Infrastructure (Auto Scaling, Elastic Load Balance, Launch Configuration)
- Monitoring and Auto Scaling
- Application Deployment

- AWS CloudFormation, AWS Elastic Beanstalk, AWS OpsWorks
- Hands-On Labs

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Training Centres worldwide

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