Architecting on AWS (AWSA)

ID AWSA **Price** CHF 2,450.—(excl. VAT) **Duration** 3 days

Who should attend

This course is intended for

- Solutions architects
- Solution-design engineers
- Developers seeking an understanding of AWS architecting

This course is part of the following Certifications

AWS Certified Solutions Architect – Associate (ACSAA)
AWS Certified Security – Specialty (ACSS)

Prerequisites

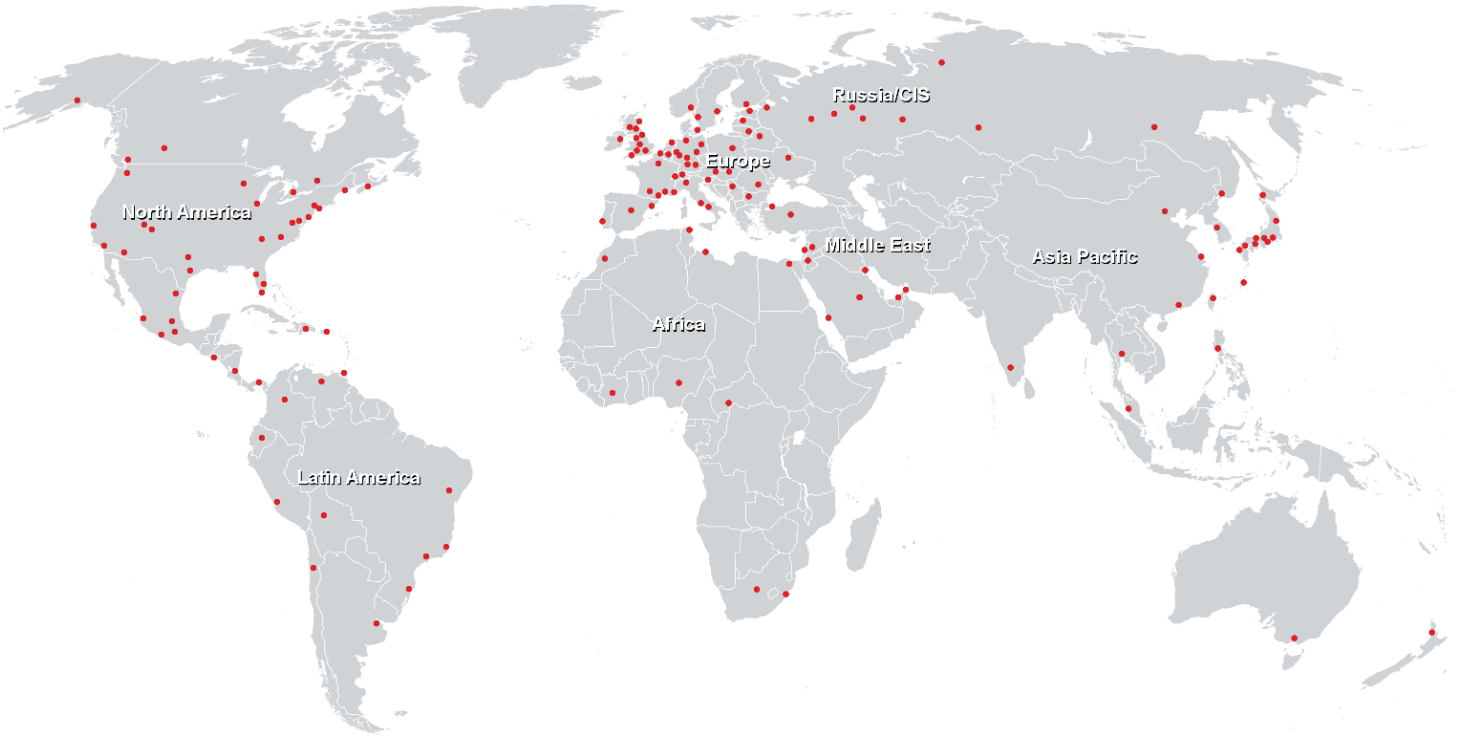
We recommend that attendees of this course have the following prerequisites:

- Taken the AWS Cloud Practitioner Essentials (CP-ESS), or AWS Technical Essentials (AWSE)
- Working knowledge of distributed systems
- Familiarity with general networking concepts
- Familiarity with IP addressing
- Working knowledge of multi-tier architectures
- Familiarity with cloud computing concepts

Course Objectives

- Identify AWS architecting basic practices
- Summarize the fundamentals of account security
- Identify strategies to build a secure virtual network that includes private and public subnets
- Practice building a multi-tier architecture in AWS
- Identify strategies to select the appropriate compute resources based on business use cases
- Compare and contrast AWS storage products and services based on business scenarios
- Compare and contrast AWS database services based on business needs
- Identify the role of monitoring, load balancing, and auto scaling responses based on business needs
- Identify and discuss AWS automation tools that will help you build, maintain, and evolve your infrastructure
- Discuss hybrid networking, network peering, and gateway and routing solutions to extend and secure your infrastructure
- Explore AWS container services for the rapid implementation of an infrastructure-agnostic, portable application environment
- Identify the business and security benefits of AWS serverless services based on business examples
- Discuss the ways in which AWS edge services address latency and security
- Explore AWS backup, recovery solutions, and best practices to ensure resiliency and business continuity

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