Advanced AWS Well-Architected Best Practices (AWABP)

ID AWABP   **Price** CHF 850.—(excl. VAT)   **Duration** 1 day

Who should attend

Learners who will find this course applicable to their work include:

- Solutions architects
- Cloud practitioners
- Data engineers
- Data scientists
- Developers

Prerequisites

- Architecting on AWS (AWSA)
- AWS Well-Architected Best Practices (WABP)

Course Objectives

In this course, you will explore:

- Workload definition and key concepts
- The AWS Well-Architected Framework Review phases, process, best practices, and anti-patterns
- High and medium risks
- Prioritizing improvements to the AWS Well-Architected workflow
- Locating and using the AWS Well-Architected Framework white paper, labs, prebuilt solutions in the AWS solutions library, AWS Well-Architected independent software vendors (ISVs), and AWS Well-Architected Partner Program (WAPP)

Course Content

Module 0: Course Introduction

Module 1: AWS Well-Architected Framework Reviews

- Workload definition
- Key concepts of a workload
- AWS Well-Architected Review phases
- AWS Well-Architected Review approach, lessons learned, and use case
- AWS Well-Architected Review best practices
- AWS Well-Architected Review anti-patterns

Module 2: Customer Scenario Group Sessions

- Demonstration of a Review question and answer example
- Operational excellence
    - Group role-play exercise
    - Two questions in this pillar
- Security
    - Group role-play exercise
    - Three questions in this pillar
- Reliability
    - Group role-play exercise
    - Three questions in this pillar
- Performance efficiency
    - Group role-play exercise
    - Three questions in this pillar
- Cost optimization
    - Group role-play exercise
    - Three questions in this pillar

Module 3: Risk Solutions and Priorities

- AWS Well-Architected workflow
- Defining and solutioning high risk issues (HRIs) and medium risk issues (MRIs)
- Identifying significant risks and solutioning group discussion for:
    - Operational excellence
    - Security
    - Reliability
    - Performance efficiency
    - Cost optimization
- Prioritizing improvements

Module 4: Resources

- Resource pages
- AWS Well-Architected ISVs

Module 5: Course Summary

- Objective recap
- Debrief
- What's next?

Training Centres worldwide

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