

Architecting on AWS with Best Practice – Intensive Training («AWSA10»)

This is a special course that focuses on the most important aspects of Architecting on AWS incl. best practice. This course is intended for the mentioned job roles to gain the relevant skills and is not preparing you for the respective certification.

Duration: 3 days

Price: 2'700.–

Course documents: Digital original AWS courseware

Vendor code: AWSA01

Content

Course outline:

Day 1

- **Module 0: Course Introduction**
- **Module 1: Architecting Fundamentals**
 - Lab 1: Explore and interact with the AWS Management Console and AWS Command Line Interface
- **Module 2: Account Security**
- **Module 3: Networking 1**
- **Module 4: Compute ***
 - Lab 2: Build your Amazon VPC infrastructure

Day 2

- **Day 1 review**
- **Module 5: Storage**
- **Module 6: Database Services**
- **Module 7: Monitoring and Scaling ***
- **Module 9: Containers ***
- **Module 10: Networking 2 ***
- **Module 11: Serverless ***
- **Module 12: Edge Services ***
- **Module 13: Backup and Recovery ***
 - Architecture Exercise – Draw an Arch

Day 3

- **Day 2 review**
- **Module 14: Well-Architected Introduction**
- **Module 15: Operational Excellence**
 - Lab 3: Operational Excellence
- **Module 16: Reliability**
 - Lab 4: Reliability
- **Module 17: Security**
 - Lab 5: Security
- **Module 18: Performance Efficiency**
 - Lab 6: Performance Efficiency

This course narrows down the scope of the 3-day *Architecting on AWS* course to focus on those aspects of that are actually relevant to the AWS Architect job role.

Target audience

Individuals that have previously taken AWS courses in any of the following areas:

- Developer
- CloudOps
- DevOps
- Data Analytics
- Machine Learning & AI
- Financial Builder

Why should you attend this specific course? "What are my benefits from taking this course?" The **Voice of the Instructor answers these questions**. We have asked our instructor team to write a short text about WHY this course is very relevant for the respective job roles and what you can expect from attending the course. You can find this section in the course description under the «*Additional Information*» section.

Requirements

You have already gained the relevant skills on the Foundation level relevant for your job role. For more information please review the Foundation Course Overview.

- [AWS Security Essentials – Intensive Training \(«AWSE04»\)](#)
- [AWS Technical Essentials – Intensive Training \(«AWSE01»\)](#)

Certification

This course is **NOT** intended to prepare students for the certification *AWS Certified Solutions Architect – Associate*

Additional information

Voice of the Instructor

On the cloud, architecture drawing is increasingly becoming much more than a representation of a system solution or a documentation of a desired final state of a solution. It's now a vital tool for discussion between all parties involved in the implementation of a business need:

1. Developers need quickly understand the context and infrastructure in which their programs will run and adequately understand how to leverage AWS services while adhering to known high availability, scalability, operational, and cost reduction patterns distilled on current best practices;
2. Cloud operators and engineers need an agile way to brainstorm and communicate how the platform they are building will support the business workloads of their internal clients, be them developers, security, or FinOps teams;
3. The teams preparing and executing security and compliance audits or cost allocation reviews can work much more efficiently, given a good understanding of the interactions between the workloads and the infrastructure running them.

This course aims to provide a balance between giving the student a good overview of the AWS foundational services and how to properly leverage them, with greater exposure to the best practices

within the AWS Well-Architected Framework — all the while focusing on increasing the student's skills for drawing architectures that are understandable but also incorporate best practices.



Join us on three days of intensive learning and communication that will enable you to create better maps for navigating the complex world of cloud architecture.

Further courses

- Cloud Operations on AWS with JAM – Intensive Training («AWSS1J»)
- AWS Cloud Financial Management for Builders – Intensive Training («AWSA08»)
- Developing on AWS with JAM – Intensive Training («AWSD1J»)
- Developing on AWS – Intensive Training («AWSD01»)
- Cloud Operations on AWS – Intensive Training («AWSS01»)
- Building Data Lakes on AWS – Intensive Training («AWSB04»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-it-provider/amazon-web-services-aws/aws-devops/course-architecting-on-aws-with-best-practice-intensive-training