TECHNICAL LEARNING AND ASSESSMENT DOSSIER

Cloud Computing – Cloud Architectures and Development on AWS/Azure

Price / certificate issuance
99,00 €
VAT excluded

Course code	Minimum duration	Final pass score	Dossier issue
CLOUD_ARCH_LA	60 min	70%	28/11/2026

1. Course identity, purpose and scope

The course "Cloud Computing – Cloud Architectures and Development on AWS/Azure" provides an in-depth overview of major cloud architectures and the most widely used development technologies on AWS and Microsoft Azure platforms. Through modules combining theory and practical exercises, participants gain fundamental knowledge of the ISO/IEC 17788 and 17789 standards related to cloud computing, as well as design best practices based on the Well-Architected frameworks from AWS and Azure. Core cloud security topics are covered, including advanced identity and access management (IAM), network security, event logging, and encryption. The course also introduces DevOps methodologies, CI-CD pipelines, and containerization using Docker and Kubernetes, key elements for developing and managing cloud-native applications effectively. The curriculum is designed to provide hands-on and applicable knowledge aimed at IT professionals seeking to update or deepen their cloud computing skills, focusing on widely adopted tools and technologies in today's market.

This extended technical dossier describes the pathway as published in CIWZ Academy on the issue date. It consolidates purpose, references, learning architecture, module contents, assessment system, passing criteria and certificate conditions. It does not replace the official texts of the standards, laws, guidelines or schemes referenced.

2. Normative, regulatory and technical references

ISO/IEC 17788 (Cloud computing – overview and vocabulary) + ISO/IEC 17789 (Cloud computing – reference architecture) + CSA Cloud Controls Matrix (CCM) + Well-Architected best practices (AWS/Azure) + cloud security (IAM, network security, logging, encryption) + DevOps/CI-CD and containerization (Docker/Kubernetes)

References are used as the learning and assessment framework within the limits of published content and available sources. For professional application, the official and current versions of the referenced documents always prevail.

3. Learning architecture and assessment system

- minimum tracked time: 60 min
- final exam: 30 questions selected from the bank
- passing threshold: 70%
- Direct access to the final assessment under the published rules for the exam-only pathway.
- Exam assembly from the active course bank and scoring against the published pass threshold.
- Recording of the result and, where applicable, request for the final certificate.

4. Official catalogue technical information

Learning Objectives

- Understand main cloud architectures and reference models.
- Develop solutions on AWS and Azure platforms.
- Apply cloud security best practices and IAM management.
- Integrate DevOps, CI-CD, and containerization techniques.

Acquired Skills

- Knowledge of ISO/IEC 17788 and 17789 standards.
- Design adhering to AWS/Azure Well-Architected frameworks.
- Implementation of advanced security policies.
- Use of Docker and Kubernetes in cloud environments.

Target Audience

IT professionals, developers, and cloud architects seeking to deepen their technical skills.

Prerequisites

Basic knowledge of computer networks and programming.

Program

- Introduction and ISO/IEC 17788 and 17789 standards
- Cloud architectures and service models
- AWS and Azure Well-Architected best practices
- Cloud security: IAM, network security, logging, encryption
- DevOps, CI-CD, and containerization with Docker and Kubernetes

Teaching Methodology

Lectures combined with practical examples and case studies.

Evaluation Method

Final test with a passing score of 70%.

Duration

60 minutes.

Certification

Certificate of attendance awarded upon passing the exam.

Expected Outcomes

Ability to design and develop secure and scalable cloud solutions on AWS and Azure.

7. Assessment system, final exam and passing criteria

- The final assessment consists of 30 questions selected from the active course bank. The platform applies an anti-repetition logic for new attempts when the bank size allows it.
- Published passing threshold for the course: 70%.
- Questions are intended to assess not only recall but also interpretation, application, evidence selection, scenario assessment and quality of decision-making, depending on the subject matter.

8. Tracking, learning continuity and session integrity

- Path status, completed modules and recorded time are managed server-side when the course uses the Academy learning mode.
- The platform allows the pathway to resume from the recorded point and retains the results of required checks.
- Assessment sessions may be subject to the integrity and proctoring controls enabled by the platform and described in the applicable usage rules.
- Technical and integrity events support assessment and do not replace professional judgement where human review is required.

9. Certificate, use and limitations

The CIWZ certificate, where provided by the pathway and requested after passing, records the result achieved in the stated CIWZ pathway or assessment. It does not automatically replace personnel certification, professional registration, statutory licence, legal qualification or credentials issued by third-party bodies where such requirements are imposed by the applicable scheme.

10. Commercial and tax conditions

- Price / certificate issuance: 99,00 € VAT excluded.
- UAE VAT is applied to UAE customers according to billing data and the applicable tax rules.
- Any specific commercial terms, agreements or corporate orders override the public price only when formally accepted by Certificato IWZ FZCO.

11. Dossier document control

- Document automatically generated by CIWZ Academy from the course data published at the time of the request.
- Course code: CLOUD_ARCH_LA
- Document language: EN
- Generation date: 28/11/2026

- For normative and professional application, the current official sources and any applicable procedures/schemes prevail.