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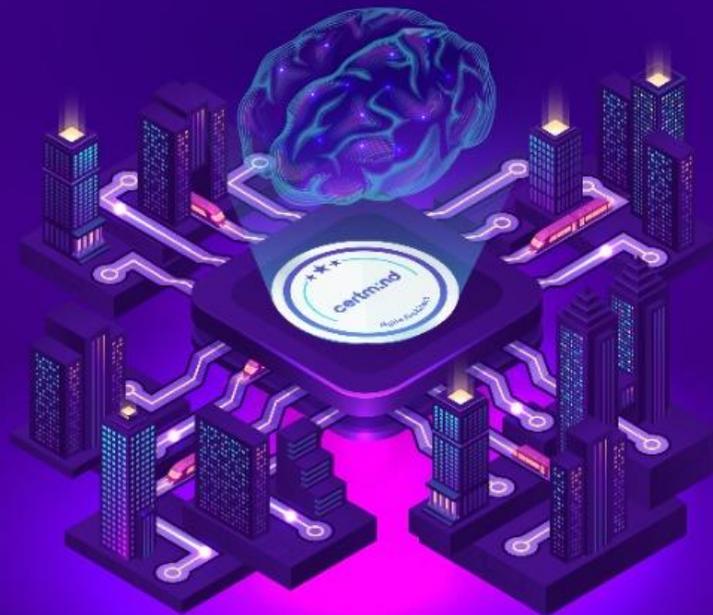


Syllabus

Agile

Architect

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Agile Architect Certified

Our goal at CertMind is to certify the skills of professionals working in the Technology context. To achieve this, we seek to ensure that professionals demonstrate their skills and knowledge through the application of an International Certification Exam.

Certification category

Main category : Agile Frameworks

Subcategory : Agile Architect



Certification scope

The purpose of the Agile Architect Certification is to demonstrate that the professional clearly understands how to guide and implement agile adoption initiatives within teams and the organization, understanding the conditions and considerations that will increase the probability of success.

Prerequisites

- Be of legal age, according to the minimum age determined by law (according to the National Identity Card that must be uploaded to the platform).
- Have basic knowledge of reading, writing and basic arithmetic: addition, subtraction, multiplication and division.
- Reading and acceptance of the Code of Ethics available on the platform before taking the certification exam.

Code of Ethics

All certified professionals must know, accept and abide by the Code of Ethics, which is available for consultation on the platform.

Recommendations

- It is highly recommended that the professional attends a formal Scrum Master 20-hour training, segmented into 5 sessions of approximately 4 hours.



Required competencies and job description

In order to ensure that the professional has the minimum competencies and knowledge that can be applied in a real environment, the following topics are addressed in the exam:

Module	Job Description	Required competencies
1. Introduction to the adoption of the agile culture	Understand the key elements that are part of agile adoption, and the influence of culture as a transformational factor.	<ol style="list-style-type: none">1. Context of agility2. Agile Practices3. Implementing vs. Adopting Agile4. Elements of agile adoption5. General and culture elements6. Agile thinking and culture
2. Team Wellness	Understand the impact of team wellness on agile adoption as a strategy to improve team communication and interactions.	<ol style="list-style-type: none">1. Habits of Happiness2. Emotional intelligence3. Effective feedback4. Intrinsic motivation5. Recognition and penalties
3. Teamwork	Understand the factors and considerations that make teamwork possible.	<ol style="list-style-type: none">1. Agile cells2. Competency development3. Delegation and distribution of work4. Distributed teams5. Techniques and tools

Module	Job Description	Required competencies
<p>4. Start of agile adoption</p>	<p>Understand how to start agile adoption by defining the vision and understanding the current state (agile diagnosis).</p>	<ol style="list-style-type: none"> 1. Recommendations for initiating agile adoption 2. Vision and drivers for agile adoption 3. Definition of agile adoption managers 4. Agile diagnosis
<p>5. Agile Adoption Roadmap</p>	<p>Understand how to establish the path to follow in the adoption of agile practices.</p>	<ol style="list-style-type: none"> 1. Agile Adoption Roadmap 2. Sprint 0: Preparing for Agile Adoption Execution 3. Planning agile adoption initiatives 4. Tracking the execution 5. Reviewing results of agile adoption initiatives 6. Stakeholder feedback
<p>6. Maturity assessment</p>	<p>Evaluate and understand the evolution of an organization after the adoption of agile practices.</p>	<ol style="list-style-type: none"> 1. Agile Adoption Maturity Levels 2. Maturity Assessment

Evaluation of skills

CertMind performs two types of assessment to ensure that the professional has the required competencies:

- 1. Multiple-choice questions with single answer:** this evaluation modality consists of theoretical multiple-choice single answer questions that seek to measure the degree to which the professional has understood the theoretical concepts of the certification.
- 2. Study case:** its structure is similar to that of the questions mentioned in the previous paragraph, the difference being that, instead of asking about a particular concept, the description of a situation that takes place in the real context is presented and must be analyzed by the professional in such a way that he/she can first identify the problem and then evaluate which of the options presented reflects the best solution to the problem situation.

Skill	1. Questions	2. Study case
Understand the context of agile adoption, the elements that are part of it, and the agile adoption cycle.	X	
Understand the importance and strong influence of culture on agility, as well as understand how to manage the change necessary for successful agile adoption.	X	X
Understand how to start agile adoption by defining the vision and understanding the current state (agile diagnosis).	X	X
Understand how to define and prioritize the change initiatives identified based on the agile diagnosis.	X	X
Understand how to carry out the execution of the change initiatives defined in the agile adoption roadmap.	X	X
Evaluate and understand the impact of change initiatives during agile adoption and define strategies to sustain change over time.	X	X
Identify the most common mistakes and challenges during agile adoption, understand how to address them and deal with them.	X	X

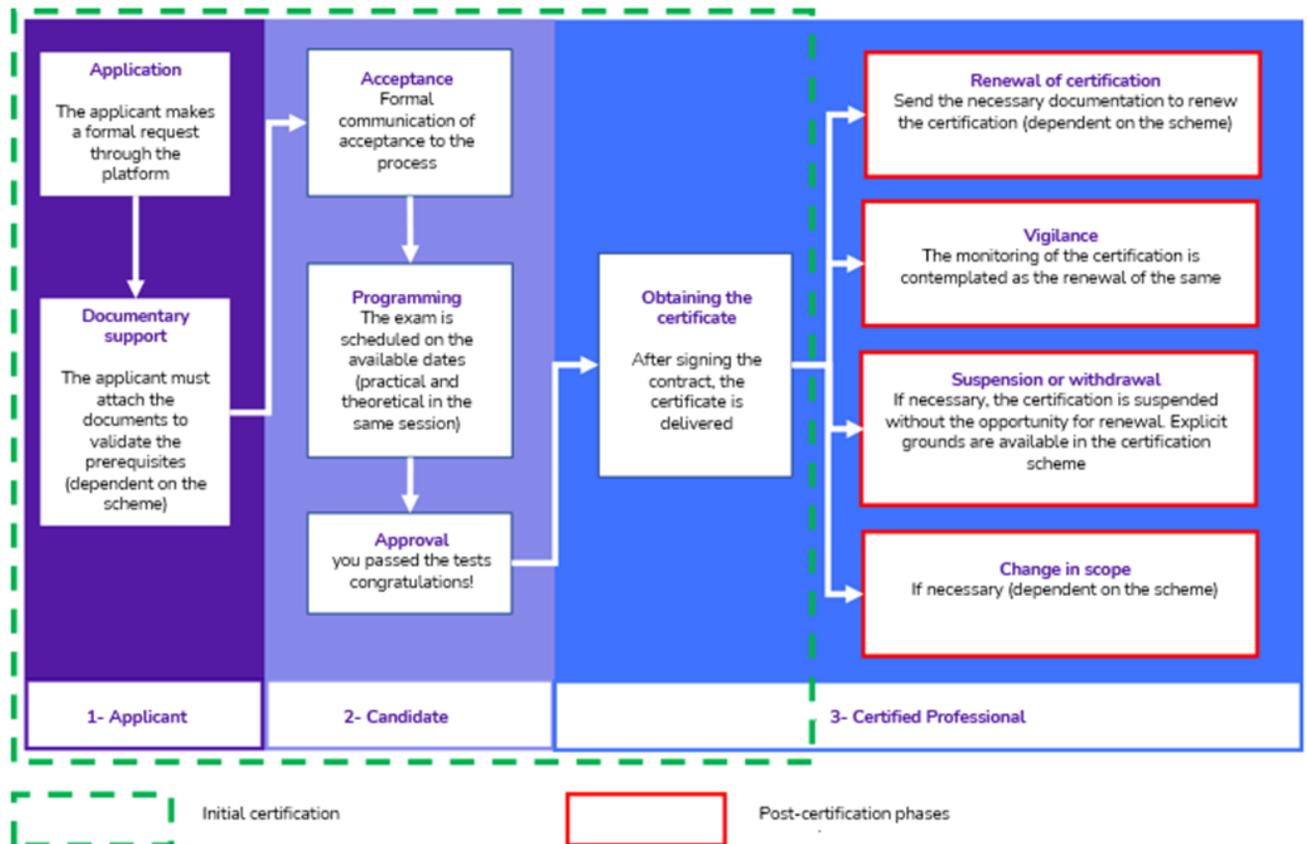
Who should take this exam?

This exam is ideal for individuals interested in driving, structuring, and leading agile adoption; and for those who lead agile-focused project portfolios and programs.

Roles such as: Product Owner, Scrum Master, business / agile coach, project managers and leaders, business managers and analysts, IT consultants and architects, portfolio and program managers.

Certification process

The following chart shows the general life cycle for obtaining a certification:



Certification process

Each of the phases for obtaining certification for the first time is described below; the phases after obtaining the certificate (red-bordered boxes) will be explained later.

- 1. Request for certification:** the applicant submits his or her certification application, on the QuizLab platform or through the partner company (where the applicant has taken his or her training). Once the application is approved, the applicant's profile is created in CertMind.
- 2. Documentary support:** the applicant must attach in the CertMind platform his or her identity document and additionally complete the registration of his or her resume (CV).
- 3. Verification and acceptance:** the platform verifies the applicant's compliance with the prerequisites, once verified, the application is accepted, and the applicant becomes a candidate for the certification process.
- 4. Programming:** the call for the presentation of the exam is made, directly on the platform or through its representative. The format of the exam is explained below:

- **Type:** 40-question, multiple-choice, single-answer online exam.
- **Duration:** 90 minutes.
- **Minimum passing grade:** 42/60 or 70%.
- **Additional time:** If the professional does not take the exam in his/her native language, he/she will have an additional 15 minutes and is also allowed to use a dictionary.
- **Supervision:** CertMind monitors the tests to ensure that they are performed correctly and transparently through the Invigilator Program (also known as "Proctor"). To learn more about this surveillance mechanism, please visit the following website www.certmind.org
- **Open book:** No.
- **Modality:** Available online only on the CertMind platform.
- **Validity :** 3 Years.
- **Others :** All applicants are required to read and accept the company's code of ethics and terms and conditions.

Levels of Difficulty: Bloom's Taxonomy

Bloom's Taxonomy is a theory known in the educational sector because many teachers consider it suitable for evaluating the cognitive level acquired in a subject. The objective of this theory is that after a learning process, the learner acquires new skills and knowledge. The following table presents a description of the categories of Bloom's taxonomy present in the certification exam, as well as a description of in the certification exam, as well as the percentage of each type of question in the exam.

Module	Level 1	Level 2	Level 3
Description	Knowledge. It can comprise remembering a wide range of elements, from specific data to complete theory. But all that is needed is to bring to mind the appropriate information.	Compression. This can be demonstrated by passing, or translating, material from one form to another (words to numbers), interpreting the material (explaining or summarizing), and estimating future trends (predicting consequences or effects).	Application. Refers to the ability or capacity to use the material learned in concrete, new situations.
Percentage of questions present in the exam	15% 9 questions	60% 36 questions	25% 15 questions

Note: For more information on the monitoring system visit our web site <https://certmind.org>.

5. Obtaining the certificate: once the exam is passed and the terms and conditions contract is accepted, the certification is delivered.

Renewal, surveillance and withdrawal of certification

This phase occurs after the professional has obtained his or her certification. Renewal refers to the reissuance of the certification once its validity has come to an end. Surveillance refers to CertMind supervision of the professional's performance during the period between certification and recertification to ensure compliance with the stipulations of this certification scheme. The activities that the certified professional must perform in order to obtain recertification are described below:

1. Application for recertification: before the certification becomes invalid, the certified professional submits his or her recertification application on the QuizLab platform. In case the certification loses its validity, the professional must go through the certification process again.

2. Registration of PUC's: the certified professional is required to register 15 PUC's every 5 years for certification renewal.

For more information about the Professional Update Credits (PUC) system visit our website <https://certmind.org>. The certified professional must attach the supports that accredit the PUC's in the CertMind platform.

3. Validation of documentation: the platform verifies compliance with the PUCs of the certified professional, once verified, the recertification application is accepted.

4. Obtaining recertification: Once the documents have been validated, the new certification is delivered.

Criteria for suspension or withdrawal of certification

Certification will be withdrawn from the professional in the following cases:

1. Failure to comply with the code of ethics.
2. Failure to comply with the requirements of the scheme.
3. Unsatisfactory results of the surveillance process.
4. Inability to continuously meet the competency requirements of the scheme.

Changes to the certification scheme

The Big Data & Data Science certification scheme does not contemplate changes in the scope as currently there are no extensions or reductions in the scope or level of the certification.



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