



## Candidate's Handbook

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MEHARI



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## About PECB

PECB is a certification body for persons, management systems, and products on a wide range of international standards. As a global provider of training, examination, audit, and certification services, PECB offers its expertise on multiple fields, including but not limited to Information Security, IT, Business Continuity, Service Management, Quality Management Systems, Risk & Management, Health, Safety, and Environment.

We help professionals and organizations to show commitment and competence with internationally recognized standards by providing this assurance through the education, evaluation and certification against rigorous, internationally recognized competence requirements. Our mission is to provide our clients comprehensive services that inspire trust, continual improvement, demonstrate recognition, and benefit society as a whole.

### **Our principal objectives and activities are:**

1. Establishing the minimum requirements necessary to certify professionals, organizations and products.
2. Reviewing and verifying the qualifications of applicants for eligibility to be considered for the certification evaluation.
3. Developing and maintaining reliable, valid, and current certification examinations.
4. Granting certificates to qualified candidates, organizations and products, maintaining records, and publishing a directory of the holders of valid certificates.
5. Establishing requirements for the periodic renewal of certification and determining compliance with those requirements.
6. Ascertaining that our clients meet ethical standards in their professional practice.
7. Representing its members, where appropriate, in matters of common interest.
8. Promoting the benefits of certification to organizations, employers, public officials, practitioners in related fields, and the public.



## Value of PECB Certification

### Why choose PECB as your preferred certification body?

#### Global recognition

Selecting the right organization to offer the finest qualitative training and to carry out your certification can be a great challenge. However, by choosing a certification body that is accredited, such as PECB, proves that we comply with the best practices. Professionals who pursue a PECB certification credential will benefit from recognition in domestic and overseas markets. Being accredited by some of the toughest and most reputable accreditation bodies in the world gives us global recognition.

#### Competent personnel

PECB is acknowledged by technically competent people it comprises that have relevant sector experience. All our personnel hold professional credentials and are constantly trained and monitored to ensure more than satisfactory outcomes for our clients.

#### Compliance to standard

It is essential for a certification to prove compliance to a particular standard, to ensure the fulfillment of principles and requirements, consistency and impartiality of certification and audit of management systems services. PECB accredited certifications are evidence of severe compliance with Standards and their conditions, therefore reflecting safety, reliability and superior quality.

#### Reasonable fees

Being able to afford the most professional and recognizable certification services nowadays may be a struggle. By including both examination and certification processes into the training course fee, not only does PECB hold the lowest charging rate of professional training certification services, it also concludes with providing the lowest certification maintenance fees in the industry. Why not benefit from the opportunity of attaining accredited professional certifications that are globally recognized, fully comply with standards, and most importantly you can essentially meet the expense for?

PECB Certifications have proven to be effective instruments of confirmation for knowledge, skills and experience in a rapid changing community. By holding a PECB Certification, you will demonstrate that you have the necessary capabilities of shielding yourself and your organization against persistent, changing and undefined threats in a moderately challenging environment over a short period of time.



## PECB Code of Ethics

PECB professionals will:

1. Conduct themselves professionally, with honesty, accuracy, fairness, responsibility and independence.
2. Act at all times solely in the best interest of their employer, their clients, the public, and the profession by acting in accordance with the professional standards and applicable techniques while performing professional services.
3. Maintain competency in their respective fields and strive to constantly improve their professional skills.
4. Offer only professional services for which they are qualified to perform, and adequately inform clients and consumers about the nature of proposed services, including any relevant concerns or risks.
5. Inform each employer or client of any business interests or affiliations which might influence their judgment or impair their fairness.
6. Treat in confidential and private manner information acquired during professional and business dealings of any present or former employer or client without its proper consent.
7. Comply with all laws and regulations of the jurisdictions where professional activities are conducted.
8. Respect the intellectual property and contributions of others.
9. Not intentionally communicate false or falsified information that may compromise the integrity of the evaluation process of a candidate for a professional designation.
10. Not act in any manner that could compromise the reputation of PECB or its certification programs for persons and will fully cooperate on the inquiry following a claimed infringement of this Code of Ethics.

## Introduction

MEHARI (Method for Harmonized Analysis of Risk) is an information risk assessment and risk management methodology. It has been developed and distributed by the CLUSIF (French association of information security professionals) in order to assist the executives (operating managers, CISO, CIO, Risk Managers, auditors) in their efforts to manage the security of information and IT resources, and reduce the associated risks.

Reducing risks implies a preliminary knowledge of the major business stakes and processes in order to optimize the investments in the operation of the organizational and technical security measures.

This, in turn, allows applying the appropriate practices, procedures and solutions to the level of the stakes and types of menaces bearing on the information and the multiple processes which create handle and distribute it.

MEHARI, compliant to ISO/IEC 27005 Information Security Risk Management standard, is suitable for the ISMS process described by ISO/IEC 27001; allows providing accurate indications for building security plans, based on a complete list of vulnerability control points and an accurate monitoring process in a continual improvement cycle.

MEHARI is an efficient way to manage information security risks for any type of organization, through the provision of a methodological framework, tools, modular components and knowledge, bases in order to:

- Analyze the major stakes,
- Analyze the vulnerabilities,
- Decrease and manage the risks,
- Monitor the security of information.

MEHARI 2010 allows a flexible use of the following elements:

- Threat analysis: top business managers describe their activities and list the potential dysfunctions that may have an impact on the organization's activities and values are assigned to the potential business impact.
- The business processes are then analyzed in order to list the organizational, human and technical assets contributing to their realization, this allows to create cartography of the assets.
- The assets (services and data) used by these activities are given a classification level based on the three security criteria (confidentiality, integrity, availability), plus the necessary efficiency regarding compliance to laws and regulations (e.g. protection of personal information or of the environment),
- The intrinsic likelihood of representative threat and event types is considered.
- These elements are combined and allow to automatically analyze and assess the intrinsic seriousness of risks (from 800 scenarios), based on business consequences, giving indications on the critical and serious risks.
- 13 security diagnostic questionnaires can be carried out to evaluate the capacity of the existing security measures (or controls), to reduce risks, depending on quality formulas. Security measures (organizational and technical) are grouped into services so as to optimize the diagnostics with appropriate operation managers.
- The current seriousness level of each risk scenario is displayed, based on the effectiveness of the existing security measures.
- In order to start the management phase of the risks, action plans and security projects can be selected for an optimal benefit to the organization. These are based on the expected effectiveness of additional security measures and availability at selected future dates



PECB is the one of the first North American organizations that certifies professionals in MEHARI. It is important to understand that PECB certifications are not a license or simply a membership. PECB certifications are peer recognition that an individual has demonstrated proficiency in, and comprehension of, a series of competencies. PECB certifications are awarded to candidates that can provide proof of experience, professional references and have passed a standardized exam in the certification area.

This document specifies the PECB MEHARI certification scheme in compliance with the ISO/IEC 17024:2012 standard (Conformity assessment — General Requirements for bodies operating certification of persons). Also, this handbook contains information about the process by which candidates may earn and maintain their credentials. It is very important that you read all the information contained in this booklet before completing and submitting your application. If questions arise after reading this application handbook, please contact the PECB international office at [certification@pecb.com](mailto:certification@pecb.com).

**Eric Lachapelle**  
Chief Executive Officer

**Faton Aliu**  
President and Chief Operating Officer



## PECB Certification Process Steps

### 1. Decide which certification is right for you

Each PECB certification has specific education and experience requirements. To determine which certification product is right for you, you must verify all eligibility requirements for the different MEHARI certifications as well as your professional needs.

### 2. Prepare for the exam

All certification candidates are responsible for their own study and preparation for the examination. No specific set of courses or curriculum of study is required as part of the certification process. Likewise, the completion of a recognized PECB course or program of study will significantly enhance your chance of passing a PECB certification examination. You can verify the list of recognized organization that offers PECB official training sessions..

### 3. Apply and schedule the exam

Candidates shall contact one of our partners, who provide training courses and exam sessions worldwide. To find a training provider in your region, please check here [https://pecb.com/partner/active\\_partners](https://pecb.com/partner/active_partners). Also, PECB training schedule is available here <https://pecb.com/events>.

### 4. Take the exam

Candidates will be required to arrive at least 30 minutes before the beginning of the certification exam. Candidates arriving late will not be given additional time to compensate for the late arrival and may be denied entry to the examination room. All candidates will need to present a valid identity card (driver's license, or passport) to the invigilator and the exam confirmation letter. The duration of the exam varies according to the type of examination taken (see description of the different exams for more details)..

#### Exam type:

Essay type "open book" exam, where the candidates are only authorized to use the following reference materials:

- A copy of the standard in a hard copy format;
- Course notes from the Participant Handout;
- Any personal notes made by the student during the course session;
- A hard copy dictionary.

PECB exams are available in English. For availability of the exam in a language other than English, please contact [examination@pecb.com](mailto:examination@pecb.com).

### 5. Receive your exam results

It takes 6 to 8 weeks for participants to receive their results. All results are sent via email. The examination results will not include an exact numerical score (mark); rather the candidate will only be given a pass or fail status in their email. In the case of a failure, the results will be accompanied with the list of domains in which you had a mark lower than the passing grade to provide guidance to prepare yourself to retake the exam. Candidates, who disagree with the exam results, may file a complaint by writing to [examination@pecb.com](mailto:examination@pecb.com).

### 6. Apply for certification

All participants who successfully pass their certification exam (or an equivalent accepted by PECB) are entitled to apply for the PECB credentials they were examined for. Specific educational and professional requirements may be needed for you to be PECB certified. Candidates will need to fill out the online certification application form (that can be accessed





via their PECB online profile), including contact details of references who will be contacted to validate the candidate's professional experience.

Once PECB has validated that you fulfilled all certification requirements, you will be informed by e-mail of our decision.

The application payment for the certificate is not refundable.

This is due to the initiation of the procedures concerning the verification of the application, verification of the evidence submitted by the candidates, as well as the engagement of the relevant units in this process.

**7. Maintain your certification**

PECB certificates are valid for three years. In order to maintain a PECB certificate, it is required from the candidate to demonstrate that he/she is performing certification related activities on an annual basis. Every year, PECB certified professionals will need to provide PECB with the number of hours of auditing and/or implementation related tasks they have performed with the contact details of individuals who can validate these tasks, as well as paying their yearly certification maintenance fees. PECB will randomly select some referrals to contact to validate this experience and education.

**MEHARI**

MEHARI Risk Manager Credentials are professional certifications for candidates who intend to demonstrate the competence to implement, maintain and manage an ongoing risk management program according to MEHARI.

The principal competencies and knowledge skills needed by the market are the ability to support an organization in implementing and managing a risk management framework as specified in MEHARI. These include: implementation of a risk management program, risk identification, risk analysis, risk evaluation, risk treatment, acceptance of risk, and management of residual risks, communicating, monitoring and reviewing risks.

**Various professionals may apply for this certification, but not limited to:**

- Individuals seeking to gain a thorough understanding of MEHARI risk analysis method and MEHARI risk model
- Managers seeking to develop the necessary skills to support organizations in information security risk analysis
- Auditors seeking to gain a thorough understanding of the MEHARI method
- Members of an information security team seeking to advance their skills and gain a thorough understanding on how to evaluate the quality of security services

**The requirements for MEHARI certifications are:**

Credential	Exam	Professional experience	Risk Management experience	Other requirements
<b>PECB Certified MEHARI Provisional Risk Manager</b>	PECB Certified MEHARI Risk Manager Exam or equivalent	None	None	Signing the PECB Code of Ethics



<b>PECB Certified MEHARI Risk Manager</b>	PECB Certified MEHARI Risk Manager Exam or equivalent	<b>Two years:</b> One year of work experience in Risk Management	Risk assessment activities: a total of 200 hours	Signing the PECB Code of Ethics
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If an applicant doesn't fulfil all the requirements to apply for the credential of MEHARI Risk Manager, he/she may apply for the credentials of MEHARI Provisional Risk Manager.

**To be considered valid, these risk assessment activities should follow best implementation practices and include the following:**

1. Identifying malfunctions at the functional and technical levels
2. Analysing the seriousness of each identified malfunction
3. Identification of malfunction value scale
4. Identification of assets for classification and classification of assets
5. Evaluation of security services
6. Risk characterization
7. Analysis of a risk situation and quantitative analysis
8. Risk identification
9. Developing security plans

## General Information

### Applying for certification

Candidates who apply for PECB certification will need to be prepared to provide the following:

- Fill in the online application form;
- Provide two reference details;
- Provide an updated CV.

PECB will validate professional experience with your references to ensure the accuracy of all applications.

### About application

#### Language

PECB provides support in English and French.

#### Application fees

The application fee for certification is USD 500.

For all the candidates that have followed the training and the examination with one of the PECB's Partners, application fees include examination, application for certification and one year of Annual Maintenance Fee (AMF).

#### Examination cancellations

Please contact your partner for any changes regarding examination date, time, location, or other details.



## About examination

### Admission rules to examination

Each candidate must present valid photo identification to be admitted to the examination site and the exam confirmation letter. Candidates shall comply with all security rules established for testing. Candidates will be allowed no more than the specified time to complete their examination.

For more specific information about this exam, please contact [examination@pecb.com](mailto:examination@pecb.com) to request a copy of the corresponding exam preparation guide, or download it from PECB's website.

### Examination security

A significant component of a successful and respected professional certification credential is maintaining the security and confidentiality of the examination. PECB relies upon the ethical behavior of certificate holders and applicants to maintain the security and confidentiality of PECB examinations. When someone who holds PECB credentials reveal information about PECB examination content, they violate the PECB Code of Ethics. PECB will take action against individuals who violate PECB Policies and the Code of Ethics. Actions taken may include permanently barring individuals from pursuing PECB credentials and revoking certifications from those who have been awarded the credential. PECB will also pursue legal action against individuals or organizations who infringe upon its copyrights, proprietary rights, and intellectual property.

### Exam tips

On the day of the exam:

1. Plan to arrive at the exam site at least 30 minutes prior to your appointment.
2. Get a good night's rest the night before.
3. Eat a well-balanced meal prior to reporting to the exam center. Avoid excessive stimulants such as caffeine.
4. Read and follow the instructions carefully. Ask the Proctor for clarification if you are not sure about the instructions.
5. Periodically check your progress. This will allow you to make any adjustments in time. Pay attention to the time you have left to finish the exam.
6. Only the questions you answer correctly are scored. There are no penalties for answering a question incorrectly, so answer as many questions as you can. If you are unsure of a response, eliminate as many options as possible, and choose an option from those that remain.

### Examination scores and scoring method

PECB grades all examinations fairly. There is no predetermined percentage of participants who fail and pass, so candidates do not compete against each other. Test scores are based on the number of items answered correctly.

### Examination results

Scores are strictly confidential and they cannot be obtained over the phone or sent to a third-party. If you have questions concerning your test results, you should direct them in writing to [examination@pecb.com](mailto:examination@pecb.com). The examination results will not include the exact grade that you had in numbers or percentage, only a mention of pass or fail. In the case of a failure, the results will be accompanied with the list of domains in which you had failed to pass in order to provide guidance to prepare yourself to retake the exam.

### Exam retake policy

There is no limit on the number of times a candidate may retake an exam. However, there are some limitations in terms of the allowed time-frame in between exam retakes, such as:

- If a candidate does not pass the exam on the first attempt, he/she must wait 15 days for the next attempt (1st retake). Retake fee applies.

**Note:** *Students, who have completed the full training but failed the written exam, are eligible to retake the exam once for free within a 12 month period from the initial date of the exam.*

- If a candidate does not pass the exam on the second attempt, he/she must wait 3 months (from the initial date of the exam) for the next attempt (2nd retake). Retake fee applies.
- If a candidate does not pass the exam on the third attempt, he/she must wait 6 months (from the initial date of the exam) for the next attempt (3rd retake). Retake fee applies.

After the fourth attempt, a waiting period of 12 months from the last session date is required, in order for candidate to sit again for the same exam. Regular fee applies.

For the candidates that fail the exam in the 2nd retake, PECB recommends to attend an official training in order to be better prepared for the exam.

To arrange exam retakes (date, time, place, costs), the candidate needs to contact the PECB partner who has initially organized the session.

### **Closing files**

Closing a file is equivalent to rejecting a candidate's application. As a result, when candidates request that their file be reopened, PECB will no longer be bound by the conditions, standards, policies, candidate handbook or exam preparation guide that were in effect before their file was closed.

Candidates who want to request that their file be reopened must do so in writing, and pay the required fees.

### **About certification**

#### **Professional references**

Professional references must be from individuals who have professionally worked with you and can validate your MEHARI expertise, current and previous work history, as well as your job performance. You cannot use anyone as a reference who falls under your supervision or is a relative. The candidate shall provide two professional references.

#### **Professional experience**

Complete information is required: including job title, begin dates, end dates, responsibilities and more. Summarize each assignment, providing sufficient detail to describe the nature of the responsibilities that you had. This information can be detailed in your resume.

#### **MEHARI project experience**

The candidate's application and resume will be checked to ensure that the applicant has achieved the minimal required number of implementation-hours. The following implementation types constitute valid implementation experience: internal implementation, external/consulting implementation or partial implementation of a Risk Management system. This information can be detailed in your resume.

#### **Evaluation of certification applications**

PECB randomly audits applications to validate the candidate's eligibility for certification. A candidate whose application is being audited will be notified in writing and given a reasonable



timeframe to provide any additional documentation if required. If a candidate does not respond by the deadline, or does not provide the required documentation within the given timeframe, the application will be declared ineligible.

#### **Denial and revocation of certification**

Certification will be denied or revoked for any of the following reasons:

- Falsification of application
- Violation of testing procedures
- Misrepresentation
- Failure to pass the examination

Denials or revocations of certification may be appealed to the Certification Board in writing.

The application payment for the certificate is not refundable.

This is due to the initiation of the procedures concerning the verification of the application, verification of the evidence submitted by the candidates, as well as the engagement of the relevant units in this process.

#### **Annual renewal certification fee**

To keep your credentials active, there is an annual renewal fee for each calendar year. Candidates who pay their annual renewal fee will be considered valid in the PECB Directory of Certified Professional.

#### **Recertification**

In order to renew a PECB Certificate, candidates will need to demonstrate that they have maintained their certificate(s) on yearly basis. However, candidates are not required to fulfill the requirements every year, but they need to have performed a respective amount of activity hours within three years.

As an example, a professional who holds a Risk Manager certificate performed 2 hours of certification-related professional activities in year 1, 10 hours of certification-related professional activities in year 2 and 30 hours of certification-related professional activities in year 3. Although during the first and second year the professional did not perform enough certification-related professional activities, his/her tri-annual total is equal to the minimal tri-annual requirements. So this professional would be re-certified.

For professionals such as university professors and professional trainers a requirement for experience can be fulfilled with their work experience on the subject.

PECB Certified Persons who fail to provide evidence of certification maintenance requirements will have their PECB credentials downgraded. The holders of Master certificates who fail to submit their CPD and AMF will have their Master credentials revoked and will no longer be allowed to present themselves as certified PECB professionals.

#### **Upgrade of credentials**

Professionals can apply for a higher credential immediately after they can document that they fulfil the requirements.

To do this, please log in to your PECB Member Account, visit the "**My Certifications**" tab and click on the "**Upgrade**" link. The upgrade application fee is \$100.



As an example, a candidate who has been certified as a MEHARI Provisional Risk Manager makes an additional 200 hours (200 hours being the minimum for Certified MEHARI Risk Manager) and already has 2 years of experience, one of which are related to Risk Management (in this case), the candidate can apply to be upgraded to the Risk Manager Credential.

## Downgrade of credential

A credential of Risk Manager will be downgraded to Provisional if the following requirements are not met:


- Continuing Professional Development (CPD) credits not submitted,
- Annual Maintenance Fee (AMF) not paid,
- Breach of PECB's Code of Ethics

## About PECB general policies

### PECB Code of Ethics

The PECB Code of Ethics can be found at [www.pecb.com](http://www.pecb.com). Adherence of professionals to PECB Code of Ethics is a voluntary engagement. However, if a member does not follow this code by engaging in gross misconduct, PECB membership may be terminated and certifications revoked. Not only is it important for PECB certified professionals to adhere to the principles expressed in this Code, each member should encourage and support adherence by other members.

### Non-discrimination and special accommodations

All candidate applications shall be evaluated objectively without regard to age, sex, race, religion, national origin, or marital status. PECB will allow for reasonable accommodations <sup>(1)</sup> as required by the Americans with Disabilities Act (ADA) <sup>(2)</sup> or an equivalent National Law. A candidate who needs special accommodations must make the request in writing and allow an extra two weeks for processing of the application. Click here to download [Special Accommodations for Candidates with Disabilities Form](#) 

### Complaints and appeals

Requests for an appeal must be made no later than 30 days after the applicant is denied certification. Within 30 days after the receipt of the written appeal, PECB must provide the applicant with a written response. You can read more about complaint and appeal procedure by visiting the following link: <https://pecb.com/complaint-and-appeal-procedure>.

(1) According to ADA the term "reasonable accommodation" may include: (A) making existing facilities used by employees readily accessible to and usable by individuals with disabilities; and (B) job restructuring, part-time or modified work schedules, reassignment to a vacant position, acquisition or modification of equipment or devices, appropriate adjustment or modifications of examinations, training materials or policies, the provision of qualified

(2) ADA Amendments Act of 2008 (P.L. 110-325) Sec. 12189. Examinations and courses. [Section 309]: Any person that offers examinations or courses related to applications, licensing, certification, or credentialing for secondary or postsecondary education, professional, or trade purposes shall offer such examinations or courses in a place and manner accessible to persons with disabilities or offer alternative accessible arrangements for such individuals.

**PECB**

**PECB**

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**PECB Help Center**

Visit our [Help Center](#) to browse Frequently Asked Questions (FAQ), view manuals for using PECB website and applications, read documents related to PECB processes, or to contact us via Support Center's online tracking system. Visit Help Center here: [www.pecb.com/help](http://www.pecb.com/help).

**Emails:**

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