

# EBIOS RISK MANAGER

**Candidate Handbook** 

www.pecb.com

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### **SECTION I: INTRODUCTION**

#### **About PECB**

PECB is a certification body that provides education<sup>1</sup>, certification, and certificate programs for individuals on a wide range of disciplines.

Through our presence in more than 150 countries, we help professionals demonstrate their competence in various areas of expertise by providing valuable evaluation, certification, and certificate programs against internationally recognized standards.

#### Our key objectives are:

- 1. Establishing the minimum requirements necessary to certify professionals and to grant designations
- 2. Reviewing and verifying the qualifications of individuals to ensure they are eligible for certification
- 3. Maintaining and continually improving the evaluation process for certifying individuals
- 4. Certifying qualified individuals, granting designations and maintaining respective directories
- 5. Establishing requirements for the periodic renewal of certifications and ensuring that the certified individuals are complying with those requirements
- 6. Ascertaining that PECB professionals meet ethical standards in their professional practice
- 7. Representing our stakeholders in matters of common interest
- 8. Promoting the benefits of certification and certificate programs to professionals, businesses, governments, and the public

#### Our mission

Provide our clients with comprehensive examination, certification, and certificate program services that inspire trust and benefit the society as a whole.

#### Our vision

Become the global benchmark for the provision of professional certification services and certificate programs.

#### **Our values**

Integrity, Professionalism, Fairness

<sup>&</sup>lt;sup>1</sup> Education refers to training courses developed by PECB and offered globally through our partners.

#### The Value of PECB Certification

#### **Global recognition**

PECB credentials are internationally recognized and endorsed by many accreditation bodies, so professionals who pursue them will benefit from our recognition in domestic and international markets.

The value of PECB certifications is validated by the accreditation from the International Accreditation Service (IAS-PCB-111), the United Kingdom Accreditation Service (UKAS-No. 21923) and the Korean Accreditation Board (KAB-PC-08) under ISO/IEC 17024 – General requirements for bodies operating certification of persons. The value of PECB certificate programs is validated by the accreditation from the ANSI National Accreditation Board (ANAB-Accreditation ID 1003) under ANSI/ASTM E2659-18, Standard Practice for Certificate Programs.

PECB is an associate member of The Independent Association of Accredited Registrars (IAAR), a full member of the International Personnel Certification Association (IPC), a signatory member of IPC MLA, and a member of Club EBIOS, CPD Certification Service, CLUSIF, Credential Engine, and ITCC. In addition, PECB is an approved Licensed Partner Publisher (LPP) from the Cybersecurity Maturity Model Certification Accreditation Body (CMMC-AB) for the Cybersecurity Maturity Model Certification standard (CMMC), is approved by Club EBIOS to offer the EBIOS Risk Manager Skills certification, and is approved by CNIL (Commission Nationale de l'Informatique et des Libertés) to offer DPO certification. For more detailed information, click <u>here</u>.

#### High-quality products and services

We are proud to provide our clients with high-quality products and services that match their needs and demands. All of our products are carefully prepared by a team of experts and professionals based on the best practices and methodologies.

#### **Compliance** with standards

Our certifications and certificate programs are a demonstration of compliance with ISO/IEC 17024 and ASTM E2659. They ensure that the standard requirements have been fulfilled and validated with adequate consistency, professionalism, and impartiality.

#### **Customer-oriented service**

We are a customer-oriented company and treat all our clients with value, importance, professionalism, and honesty. PECB has a team of experts who are responsible for addressing requests, questions, and needs. We do our best to maintain a 24-hour maximum response time without compromising the quality of the services.

#### Flexibility and convenience

Online learning opportunities make your professional journey more convenient as you can schedule your learning sessions according to your lifestyle. Such flexibility gives you more free time, offers more career advancement opportunities, and reduces costs.

#### **PECB** Code of Ethics

The Code of Ethics represents the highest values and ethics that PECB is fully committed to follow, as it recognizes the importance of them when providing services and attracting clients.

The Compliance Division makes sure that PECB employees, trainers, examiners, invigilators, partners, distributors, members of different advisory boards and committees, certified individuals, and certificate holders (hereinafter "PECB professionals") adhere to this Code of Ethics. In addition, the Compliance Division consistently emphasizes the need to behave professionally and with full responsibility, competence, and fairness in service provision with internal and external stakeholders, such as applicants, candidates, certified individuals, certificate holders, accreditation authorities, and government authorities.

It is PECB's belief that to achieve organizational success, it has to fully understand the clients and stakeholders' needs and expectations. To do this, PECB fosters a culture based on the highest levels of integrity, professionalism, and fairness, which are also its values. These values are integral to the organization, and have characterized the global presence and growth over the years and established the reputation that PECB enjoys today.

PECB believes that strong ethical values are essential in having healthy and strong relationships. Therefore, it is PECB's primary responsibility to ensure that PECB professionals are displaying behavior that is in full compliance with PECB principles and values.

PECB professionals are responsible for:

- 1. Displaying professional behavior in service provision with honesty, accuracy, fairness, and independence
- 2. Acting at all times in their service provision solely in the best interest of their employer, clients, the public, and the profession in accordance with this Code of Ethics and other professional standards
- 3. Demonstrating and developing competence in their respective fields and striving to continually improve their skills and knowledge
- 4. Providing services only for those that they are qualified and competent and adequately informing clients and customers about the nature of proposed services, including any relevant concerns or risks
- 5. Informing their employer or client of any business interests or affiliations which might influence or impair their judgment
- 6. Preserving the confidentiality of information of any present or former employer or client during service provision
- 7. Complying with all the applicable laws and regulations of the jurisdictions in the country where the service provisions were conducted
- 8. Respecting the intellectual property and contributions of others
- 9. Not communicating intentionally false or falsified information that may compromise the integrity of the evaluation process of a candidate for a PECB certification or a PECB certificate program
- 10. Not falsely or wrongly presenting themselves as PECB representatives without a proper license or misusing PECB logo, certifications or certificates
- 11. Not acting in ways that could damage PECB's reputation, certifications or certificate programs
- 12. Cooperating in a full manner on the inquiry following a claimed infringement of this Code of Ethics

To read the complete version of PECB's Code of Ethics, go to Code of Ethics | PECB.

#### **Introduction to EBIOS Risk Manager**

The EBIOS Risk Manager method is a practical approach designed to help organizations identify, assess, and treat information security risks based on their specific needs and objectives. EBIOS aims to provide a structured approach to risk management, enabling organizations to make informed decisions regarding the security of their information systems. The method is applicable to organizations of all industries and sizes.

The PECB EBIOS Risk Manager training course enables candidates to understand the concepts and principles of risk management based on the EBIOS method, conduct risk assessment and risk treatment, acquire the necessary skills to carry out an EBIOS study, and analyze and communicate its results. The "PECB Certified EBIOS Risk Manager (« **Confirmed** »)" corresponding credential is a professional certification that demonstrates the holder's knowledge and skills for participating in risk management activities using the EBIOS method.

PECB certifications are not a license or simply a membership. They attest the candidates' knowledge and skills gained through our training courses and are issued to candidates that have the required experience and have passed the exam.

This document specifies the PECB EBIOS Risk Manager certification scheme in compliance with ISO/IEC 17024:2012. It also outlines the steps that candidates should take to obtain and maintain their credentials. As such, it is very important to carefully read all the information included in this document before completing and submitting your application. If you have questions or need further information after reading it, please contact the PECB international office at certification.team@pecb.com.

### SECTION II: EXAMINATION PREPARATION, RULES, AND POLICIES

#### Preparing for and scheduling the exam

All candidates are responsible for their own study and preparation for certification exams. Although candidates are not required to attend the training course to be eligible for taking the exam, attending it can significantly increase their chances of successfully passing the exam.

To schedule the exam, candidates have two options:

- 1. Contact one of our authorized partners. To find an authorized partner in your region, please go to <u>Active Partners</u>. The training course schedule is also available online and can be accessed on <u>Training Events</u>.
- 2. Take a PECB exam remotely through the <u>PECB Exams application</u>. To schedule a remote exam, please go to the following link: <u>Exam Events</u>.

To learn more about exams, competency domains, and knowledge statements, please refer to *Section III* of this document.

#### **Rescheduling the exam**

For any changes with regard to the exam date, time, location, or other details, please contact online.exams@pecb.com.

#### Application fees for examination and certification

Candidates may take the exam without attending the training course. The applicable prices are as follows:

- Lead Exam: \$1000<sup>2</sup>
- Manager Exam: \$700
- Foundation Exam: \$500
- Transition Exam: \$500

The application fee for certification is \$500.

For the candidates that have attended the training course via one of PECB's partners, the application fee covers the costs of the exam (first attempt and first retake), the application for certification, and the first year of Annual Maintenance Fee (AMF).

<sup>&</sup>lt;sup>2</sup> All prices listed in this document are in US dollars.

#### **Competency domains**

The objective of the "PECB EBIOS Risk Manager" exam is to ensure that the candidate has acquired the knowledge needed to support an organization in identifying, analyzing, prioritizing, treating, and managing information security risks based on the EBIOS method.

The EBIOS Risk Manager certification is intended for:

- Individuals seeking to understand the basic concepts of risk management
- Individuals participating in risk assessment activities using the EBIOS method
- Managers seeking to understand the techniques for performing risk assessment based on the EBIOS method
- Managers seeking to master the techniques for analyzing and communicating the results of a risk assessment based on the EBIOS method

The content of the exam is divided as follows:

- **Domain 1:** Fundamental principles and concepts of information security risk management based on EBIOS Risk Manager (RM)
- Domain 2: EBIOS Risk Manager (RM)-based information security risk management framework
- Domain 3: Information security risk assessment using the EBIOS RM methodology

### Domain 1: Fundamental principles and concepts of information security risk management based on EBIOS Risk Manager (RM)

**Main objective:** Ensure that the candidate understands and is able to interpret the main concepts and principles of the EBIOS methodology for managing information security risks.

	Competencies		Knowledge statements
1.	Ability to understand and interpret the concept of	1.	Knowledge of the concept of risk
	risk	2.	Knowledge of the main concepts and definitions
2.	Ability to understand the main concepts and		related to risk management
	definitions of risk management frameworks such as	3.	Knowledge of the EBIOS method and its usage
	ISO/IEC 27005	4.	Knowledge of the main definitions of the EBIOS
3.	Ability to understand the applicability of EBIOS		method
	RM	5.	Knowledge of how risk level should be evaluated
4.	Ability to understand the main concepts and		against EBIOS RM
	definitions of EBIOS methodology	6.	Knowledge of the structure of the EBIOS method
5.	Ability to understand and interpret the structure of	7.	Knowledge of EBIOS method workshops, such as
	EBIOS methodology		scope and security baseline, risk origins, strategic
			scenarios, operational scenarios, and risk treatment
		8.	Knowledge of the elements that should be
			established in five workshops of the EBIOS method

#### Domain 2: EBIOS RM-based information security risk management framework

**Main objective:** Ensure that the candidate is able to conduct information security risk management activities based on the EBIOS method and use it as a reference for establishing and implementing a risk management process.

	Competencies		Knowledge statements
1.	Ability to understand and interpret the risk assessment approach of EBIOS	1.	Knowledge of the risk assessment approach of EBIOS
2.	Ability to define the framework of the study based on the first workshop of the EBIOS method	2.	Knowledge of how the framework of the study should be defined
3.	Ability to define the business and technical perimeter based on EBIOS	3.	Knowledge of how the business and technical perimeter should be identified
4.	Ability to understand how the feared events and security baseline should be defined	4.	Knowledge of how the identification of feared events should be performed
5.	Ability to understand and identify risk origins and their target objectives	5. 6.	Knowledge of determining the security baseline Knowledge of the identification of the risk origins
б.	Ability to understand categories of risk origins and target objectives	7.	and target objectives Knowledge of the categories of risk origins and target objectives

### Domain 3: Information security risk assessment using the EBIOS RM methodology

Main objective: Ensure that the candidate is able to perform risk assessment activities according to EBIOS method.

	Competencies		Knowledge statements
1.	Ability to understand and interpret the concepts of	1.	Knowledge of the concepts of digital threat
	digital threat mapping and critical stakeholders		mapping and critical stakeholders
2.	Ability to have a clear view of the ecosystem in	2.	Knowledge of the definition of acceptable level of
	order to identify the most vulnerable stakeholders		threat of stakeholders
3.	Ability to develop strategic and operational	3.	Knowledge of the definition of strategic and
	scenarios based on the EBIOS method		operational scenarios based on the EBIOS method
4.	Ability to understand and explain how security	4.	Knowledge of the selection of security controls on
	controls should be defined		the ecosystem
5.	Ability to understand how the likelihood of	5.	Knowledge of the approaches for assessing the
	operational scenarios can be assessed using		likelihood of operational scenarios
	different methods, such as the express, standard,	6.	Knowledge of how a summary of risk scenarios
	and advanced methods		should be defined
6.	Ability to understand and interpret how a summary	7.	Knowledge of the risk treatment strategy and the
	of risk scenarios should be created		security measures
7.	Ability to define a risk treatment strategy and	8.	Knowledge of the risk treatment measures structure
	security measures		based on EBIOS RM method
8.	Ability to understand how residual risk should be	9.	Knowledge of the assessment and documentation of
	assessed and documented		residual risks
9.	Ability to understand and interpret the risk	10.	Knowledge of how a framework for risk monitoring
	monitoring framework		should be defined
		11.	Knowledge of risk monitoring framework based on
			the EBIOS method

Based on the above-mentioned domains and their relevance, the exam contains 60 questions, where 57 are multiplechoice questions (1 point each) and 3 are essay-type questions (23 points in total), as summarized in the table below:

					(Cognitive/T	'axonomy)
	Number of questions per competency domain	Number of points per competency domain	% of the questions devoted to each competency domain	% of the points devoted to each competency domain	Questions that measure comprehensio n, application, and analysis	Questions that measure evaluation
Domain 1: Fundamental principles and concepts of information security risk management based on EBIOS Risk Manager (RM) (10 MC questions – 1 point each)	10	10	16.67	12.5	Х	
Domain 2: EBIOS-based information security risk management framework (23 MC questions (1 point each) and 1 essay-type question (8 points))	24	31	40	38.75	Х	
Domain 3: Information security risk assessment using the EBIOS RM methodology (24 MC questions (1 point each) and 2 essay-type questions (5 and 10 points))	26	39	43.34	48.75		Х
Total	60	80	100%	100%		
		Number of questions per level of understanding% of the exam devoted to each level of understanding				26 43.33%
	principles and concepts of information security risk management based on EBIOS Risk Manager (RM) (10 MC questions – 1 point each) Domain 2: EBIOS-based information security risk management framework (23 MC questions (1 point each) and 1 essay-type question (8 points)) Domain 3: Information security risk assessment using the EBIOS RM methodology (24 MC questions (1 point each) and 2 essay-type questions (5 and 10 points))	questions per competency domainDomain 1: Fundamental principles and concepts of information security risk management based on EBIOS Risk Manager (RM) (10 MC questions - 1 point each)10Domain 2: EBIOS-based information security risk management framework (23 MC questions (1 point each) and 1 essay-type question (8 points))24Domain 3: Information security risk assessment using the EBIOS RM methodology (24 MC questions (1 point each) and 2 essay-type questions (5 and 10 points))26	Questions per competency domainpoints per competency domainDomain 1: Fundamental principles and concepts of information securityrisk management based on EBIOS Risk Manager (RM) (10 MC questions - 1 point each)Image: Competency point eachImage: Competency domainDomain 2: EBIOS-based information securityrisk management frame-vre question (8 points)Image: Competency point eachImage: Competency domainDomain 2: EBIOS-based information securityrisk management frame-vre question (8 points)Image: Competency pointeImage: Competency pointeDomain 3: Information security risk assessment using the EBIOS RM methodology (24 MC questions (1 point each) and 2 essay-type questions (5 and 10 points)Image: Competency pointeImage: Competency pointeC4 MC questions (1 point each) and 2 essay-type questions (5 and 10) points)Image: Competency pointeImage: Competency pointeTotalGOS0	Number of questions per competency domainNumber of points per competency domainquestions 	Number of questions per competency domainNumber of points per competency domainquestions devoted to each competency domainpoints devoted to each competency domainDomain 1: Fundament principles and concepts of information security risk management based on EBIOS Risk Manager (RM) (10 MC questions - 1 point each) (10 MC questions - 1 point each)1016.6712.5Domain 2: EBIOS-based information security risk management framework (23 MC questions (1 point)24314038.75Domain 3: Information security risk assessment using the EBIOS RM methodology (24 MC questions (5 and 10 points))243943.3448.75MC 4580100%100%	Number of questions per competency domainNumber of points per competency domainQuestions devoted to each competency domainpoints devoted to each competency domainmeasure competency domainmeasure devoted to each competency domainpoints devoted to each competency domainmeasure devoted to each competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainmeasure competency domainpoints devoted to each competency domainmeasure competencymeasure competencymeasure competencymeasure comp

The passing score of the exam is **70%**.



Taking the exam

#### General information about the exam

Candidates are required to arrive/be present at least 30 minutes before the exam starts.

Candidates who arrive late will not be given additional time to compensate for the late arrival and may not be allowed to sit for the exam.

Candidates are required to bring a valid identity card (a national ID card, driver's license, or passport) and show it to the invigilator.

If requested on the day of the exam (paper-based exams), additional time can be provided to candidates taking the exam in a non-native language, as follows:

- 10 additional minutes for Foundation exams
- 20 additional minutes for Manager exams
- 30 additional minutes for Lead exams

#### Prerequisites for the EBIOS Risk Manager exam:

- University degree or
- Minimum of 2 years of relevant professional experience

#### PECB exam format and type

- 1. **Paper-based:** Exams are provided on paper, where candidates are not allowed to use anything but the exam paper and a pen. The use of electronic devices, such as laptops, tablets, or phones, is not allowed. The exam session is supervised by a PECB approved Invigilator at the location where the Partner has organized the training course.
- 2. Online: Exams are provided electronically via the PECB Exams application. The use of electronic devices, such as tablets and cell phones, is not allowed. The exam session is supervised remotely by a PECB Invigilator via the PECB Exams application and an external/integrated camera.

For more information about online exams, go to the PECB Online Exam Guide.

PECB exams are available in two types:

- 1. Essay-type question exam
- 2. Multiple-choice question exam

This exam comprises of a combination between multiple-choice and essay-type questions. The multiple-choice questions can be used to evaluate candidates' understanding on both simple and complex concepts. It comprises both stand-alone and scenario-based questions. Stand-alone questions stand independently within the exam and are not context-depended, whereas scenario-based questions are context-dependent, i.e., they are developed based on a scenario which a candidate is asked to read and is expected to provide answers to questions related to that scenario. When answering stand-alone and scenario-based questions, candidates will have to apply various concepts and principles explained during the training course, analyze problems, identify and evaluate alternatives, combine several concepts or ideas, etc.

Each multiple-choice question has three options, of which only one is the correct response option (keyed response) and two incorrect response options (distractors).



Essay-type questions are used to determine and evaluate whether a candidate can clearly answer questions related to the defined competency domains. Additionally, problem-solving techniques and arguments that are supported with reasoning and evidence will also be evaluated. These questions aim to evaluate candidates' comprehension, analytical skills, and applied knowledge. Therefore, candidates are required to provide logical and convincing answers and explanations in order to demonstrate that they have understood the content and the main concepts of the competency domains.

This is an open-book exam. The candidate is allowed to use the following reference materials:

- A hard copy of the EBIOS Risk Manager method
- Training course materials (accessed through the PECB Exams app and/or printed)
- Any personal notes taken during the training course (accessed through the PECB Exams app and/or printed)
- A hard copy dictionary

A sample of exam questions will be provided below.

**Note:** PECB will progressively transition to multiple-choice exams. They will also be open book and comprise scenario-based questions that will allow PECB to evaluate candidates' knowledge, abilities, and skills to use information in new situations (apply), draw connections among ideas (analyze), and justify a stand or decision (evaluate).

For specific information about exam types, languages available, and other details, please contact <u>examination.team@pecb.com</u> or go to the <u>List of PECB Exams</u>.

#### Sample exam questions

### Question 1 (Multiple-choice): Why should an organization define its scope of application using the EBIOS Risk Manager method?

- A. To identify digital risks affecting business assets that are linked to the information system
- B. To provide the security team with the means to monitor the protection of the information system, or to reinforce existing measures to raise awareness among employees of the risks involved
- C. To control everything and randomly select a few business assets to secure their activities

#### Question 2 (Essay-type): EBIOS RM workshops

Define the elements that should be identified in each workshop of the EBIOS RM method.

#### Possible answer:

The EBIOS method provides an iterative approach to risk management structured in five workshops. The workshops and the elements that they identify are provided below:

- Workshop 1, Scope and security baseline: objectives, roles and responsibilities, business and technical scope, time frame, feared events and their severity, and the security base
- Workshop 2, Risk origins: the list of priority RO/TO pairs and mapping of risk origins
- Workshop 3, Strategic scenarios: strategic scenarios, feared events, and security controls measures for the ecosystem
- Workshop 4, Operational scenarios: the list of operational scenarios and their likelihood
- Workshop 5, Risk treatment: a risk treatment strategy

#### **Exam Security Policy**

PECB is committed to protect the integrity of its exams and the overall examination process, and relies upon the ethical behavior of applicants, potential applicants, candidates and partners to maintain the confidentiality of PECB exams. This Policy aims to address unacceptable behavior and ensure fair treatment of all candidates.

Any disclosure of information about the content of PECB exams is a direct violation of this Policy and PECB's Code of Ethics. Consequently, candidates taking a PECB exam are required to sign an Exam Confidentiality and Non-Disclosure Agreement and must comply with the following:

- 1. The questions and answers of the exam materials are the exclusive and confidential property of PECB. Once candidates complete the submission of the exam to PECB, they will no longer have any access to the original exam or a copy of it.
- 2. Candidates are prohibited from revealing any information regarding the questions and answers of the exam or discuss such details with any other candidate or person.
- 3. Candidates are not allowed to take with themselves any materials related to the exam, out of the exam room.
- 4. Candidates are not allowed to copy or attempt to make copies (whether written, photocopied, or otherwise) of any exam materials, including, without limitation, any questions, answers, or screen images.
- 5. Candidates must not participate nor promote fraudulent exam-taking activities, such as:
  - Looking at another candidate's exam material or answer sheet
  - Giving or receiving any assistance from the invigilator, candidate, or anyone else
  - Using unauthorized reference guides, manuals, tools, etc., including using "brain dump" sites as they are not authorized by PECB

Once a candidate becomes aware or is already aware of the irregularities or violations of the points mentioned above, they are responsible for complying with those, otherwise if such irregularities were to happen, candidates will be reported directly to PECB or if they see such irregularities, they should immediately report to PECB.

Candidates are solely responsible for understanding and complying with PECB Exam Rules and Policies, Confidentiality and Non-Disclosure Agreement and Code of Ethics. Therefore, should a breach of one or more rules be identified, candidates will not receive any refunds. In addition, PECB has the right to deny the right to enter a PECB exam or to invite candidates for an exam retake if irregularities are identified during and after the grading process, depending on the severity of the case.

Any violation of the points mentioned above will cause PECB irreparable damage for which no monetary remedy can make up. Therefore, PECB can take the appropriate actions to remedy or prevent any unauthorized disclosure or misuse of exam materials, including obtaining an immediate injunction.

PECB will take action against individuals that violate the rules and policies, including permanently banning them from pursuing PECB credentials and revoking any previous ones. PECB will also pursue legal action against individuals or organizations who infringe upon its copyrights, proprietary rights, and intellectual property.

#### **Exam results**

Exam results will be communicated via email.

- The time span for the communication starts from the exam date and lasts two to four weeks for essay-type, combined (multiple-choice + essay-type), and multiple-choice paper-based exams.
- For online multiple-choice exams, candidates receive their results instantly.

Candidates who successfully complete the exam will be able to apply for one of the credentials of the respective certification scheme.

For candidates who fail the exam, a list of the domains where they have performed poorly will be added to the email to help them prepare better for a retake.

Candidates that disagree with the results may request a re-evaluation by writing to <u>examination.team@pecb.com</u> within 30 days of receiving the results. Re-evaluation requests received after 30 days will not be processed. If candidates do not agree with the results of the reevaluation, they have 30 days from the date they received the reevaluated exam results to file a complaint through the <u>PECB Ticketing System</u>. Any complaint received after 30 days will not be processed.

#### **Exam Retake Policy**

There is no limit to the number of times a candidate can retake an exam. However, there are certain limitations in terms of the time span between exam retakes.

If a candidate does not pass the exam on the 1st attempt, they must wait 15 days after the initial date of the exam for the next attempt (1st retake).

**Note:** Candidates who have completed the training course with one of our partners, and failed the first exam attempt, are eligible to retake for free the exam within a 12-month period from the date the coupon code is received (the fee paid for the training course, includes a first exam attempt and one retake). Otherwise, retake fees apply.

For candidates that fail the exam retake, PECB recommends they attend a training course in order to be better prepared for the exam.

To arrange exam retakes, based on exam format, candidates that have completed a training course, must follow the steps below:

- 1. Online Exam: when scheduling the exam retake, use initial coupon code to waive the fee
- 2. Paper-Based Exam: candidates need to contact the PECB Partner/Distributor who has initially organized the session for exam retake arrangement (date, time, place, costs).

Candidates that have not completed a training course with a partner, but sat for the online exam directly with PECB, do not fall under this Policy. The process to schedule the exam retake is the same as for the initial exam.

### SECTION III: CERTIFICATION PROCESS AND REQUIREMENTS

#### **EBIOS Risk Manager**

All PECB certifications have specific requirements regarding education and professional experience. To determine which credential is right for you, take into account your professional needs and analyze the criteria for the certifications.

The gradentials in the DECE	EDIOS Disk Managar sahama	have the fellowing requirements:
The credentials in the PECE	EDIUS KISK Manager scheme	have the following requirements:

Credential	Education	Exam	Risk management experience	Other requirements
PECB Certified EBIOS Provisional Risk Manager			None	
PECB Certified EBIOS Risk Manager (« Confirmed »)	At least secondary education	PECB Certified EBIOS Risk Manager exam	<ul> <li>Follow an EBIOS Risk Manager training or have relevant professional experience of at least 2 years; and</li> <li>Have followed a significant part of the EBIOS method in real conditions at least one in the three years preceding the certification request</li> </ul>	Signing the PECB Code of Ethics

To be considered valid, risk assessment activities must follow good implementation practices and include a significant portion of the following activities:

- 1. Define the risk management approach
- 2. Designing and implementing an overall risk management process for an organization
- 3. Define risk assessment criteria
- 4. Conduct a risk assessment
- 5. Identify assets, threats, existing controls, vulnerabilities and consequences (impacts)
- 6. Assessment of the consequences and likelihood of incidents
- 7. Evaluation of risk treatment options
- 8. Conducting a risk management review
- 9. EBIOS Learning Have been trained in the use of the EBIOS method
- 10. Awareness Have conducted information sessions on the method
- 11. Organization of a study Know how to organize a study by guiding the sponsor on the roles and meetings to be organized
- 12. Interviews (information gathering) Know how to conduct interviews to obtain information
- 13. Meetings Know how to conduct meetings
- 14. Meetings Have significant experience conducting meetings
- 15. Selecting the level of detail Know how to select the level of detail for a study
- 16. Implementation of studies Have followed the progress of studies in their entirety, e.g. as project manager or project management assistant
- 17. Implementation of studies Completed studies in their entirety
- 18. Information gathering Identify the information needed to conduct a study
- 19. Information Gathering Know the types of functions to be involved based on the activities of the method

- 20. Information Gathering Know how to analyze and use the information obtained
- 21. Teamwork Know how to work in a team
- 22. Use of knowledge bases Know how to use and adjust knowledge bases
- 23. Obtaining arbitrations Know how to prepare and obtain arbitrations throughout a study
- 24. Adaptation to the maturity of the organization Know how to propose reasonable security measures according to the reality of the organization (according to its maturity)
- 25. Involvement and empowerment of stakeholders Know how to involve and empower stakeholders
- 26. Production of deliverables Know how to explain the different types of deliverables mainly produced and their purposes
- 27. Production of deliverables Know how to produce adapted deliverables from a study
- 28. Obtaining validations Know how to obtain validations
- 29. Explanation of findings Know how to present a communication to the decision-making level
- 30. Explanation of Findings Have presented the findings of a study to the decision-making level

**Other requirements:** Documents provided by the applicant will be verified. Candidates will be required to read and agree to the PECB Certification Rules and Policies, Recertification Policy and Code of Ethics.

#### **Applying for certification**

All candidates who successfully pass the exam (or an equivalent accepted by PECB) are entitled to apply for the PECB credential they were assessed for. Specific educational and professional requirements need to be fulfilled in order to obtain a PECB certification. Candidates are required to fill out the online certification application form (that can be accessed via their PECB account), including contact details of individuals who will be contacted to validate the candidates' professional experience. Candidates can submit their application in English, French, German, Spanish or Korean languages. They can choose to either pay online or be billed. For additional information, please contact certification.team@pecb.com.

The online certification application process is very simple and takes only a few minutes:

- <u>Register</u> your account
- Check your email for the confirmation link
- <u>Log in</u> to apply for certification

For more information on how to apply for certification, click here.

The Certification Department validates that the candidate fulfills all the certification requirements regarding the respective credential. The candidate will receive an email about the application status, including the certification decision.

Following the approval of the application by the Certification Department, the candidate will be able to download the certificate and claim the corresponding Digital Badge. For more information about downloading the certificate, click <u>here</u>, and for more information about claiming the Digital Badge, click <u>here</u>.

PECB provides support both in English and French.

#### **Professional experience**

Candidates must provide complete and correct information regarding their professional experience, including job title(s), start and end date(s), job description(s), and more. Candidates are advised to summarize their previous or current assignments, providing sufficient details to describe the nature of the responsibilities for each job. More detailed information can be included in the résumé.

#### **Professional references**

For each application, two professional references are required. They must be from individuals who have worked with the candidate in a professional environment and can validate their risk management project experience, as well as their current and previous work history. Professional references of persons who fall under the candidate's supervision or are their relatives are not valid.

#### **Risk management project experience**

The candidate's risk management project log will be checked to ensure that they have the required number of risk management hours.

- a. Complete EBIOS Risk Manager skills training or have at least 2 years of relevant work experience; and
- b. Have completed a significant portion of the EBIOS methodology under real-world conditions at least once in the three years prior to applying for certification.

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

The Certification Department will evaluate each application to validate the candidates' eligibility for certification or certificate program. A candidate whose application is being reviewed will be notified in writing and, if necessary, given a reasonable time frame to provide any additional documentation. If a candidate does not respond by the deadline or does not provide the required documentation within the given time frame, the Certification Department will validate the application based on the initial information provided, which may lead to the candidates' credential downgrade.

### **SECTION IV: CERTIFICATION POLICIES**

#### **Denial of certification**

PECB can deny certification/certificate program if candidates:

- Falsify the application
- Violate the exam procedures
- Violate the PECB Code of Ethics

Candidates whose certification/certificate program has been denied can file a complaint through the complaints and appeals procedure. For more detailed information, refer to <u>Complaint and Appeal Policy</u> section.

The application payment for the certification/certificate program is nonrefundable.

#### **Certification status options**

#### Active

Means that your certification is in good standing and valid, and it is being maintained by fulfilling the PECB requirements regarding the CPD and AMF.

#### Suspended

PECB can temporarily suspend candidates' certification if they fail to meet the requirements. Other reasons for suspending certification include:

- PECB receives excessive or serious complaints by interested parties (suspension will be applied until the investigation has been completed.)
- The logos of PECB or accreditation bodies are willfully misused.
- The candidate fails to correct the misuse of a certification mark within the determined time by PECB.
- The certified individual has voluntarily requested a suspension.
- PECB deems appropriate other conditions for suspension of certification.

#### Revoked

PECB can revoke (that is, to withdraw) the certification if the candidate fails to satisfy its requirements. In such cases, candidates are no longer allowed to represent themselves as PECB Certified Professionals. Additional reasons for revoking certification can be if the candidates:

- Violate the PECB Code of Ethics
- Misrepresent and provide false information of the scope of certification
- Break any other PECB rules
- Any other reasons that PECB deems appropriate

Candidates whose certification has been revoked can file a complaint through the complaints and appeals procedure. For more detailed information, refer to **Complaint and Appeal Policy** section.

#### Other statuses

Besides being active, suspended, or revoked, a certification can be voluntarily withdrawn or designated as Emeritus. To learn more about these statuses and the permanent cessation status, go to <u>Certification Status Options</u>.

#### Upgrade and downgrade of credentials

#### Upgrade of credentials

Professionals can upgrade their credentials as soon as they can demonstrate that they fulfill the requirements.

To apply for an upgrade, candidates need to log into their PECB account, visit the "My Certifications" tab, and click on "Upgrade." The upgrade application fee is \$100.

#### Downgrade of credentials

A PECB Certification can be downgraded to a lower credential due to the following reasons:

- The AMF has not been paid.
- The CPD hours have not been submitted.
- Insufficient CPD hours have been submitted.
- Evidence on CPD hours has not been submitted upon request.

*Note:* PECB certified professionals who hold Lead certifications and fail to provide evidence of certification maintenance requirements will have their credentials downgraded. The holders of Master Certifications who fail to submit CPDs and pay AMFs will have their certifications revoked.

#### **Renewing the certification**

PECB certifications are valid for three years. To maintain them, PECB certified professionals must meet the requirements related to the designated credential, e.g., they must fulfill the required number of continual professional development (CPD) hours. In addition, they need to pay the annual maintenance fee (\$120). For more information, go to the <u>Certification Maintenance</u> page on the PECB website.

#### **Closing a case**

If candidates do not apply for certification within one year, their case will be closed. Even though the certification period expires, candidates have the right to reopen their case. However, PECB will no longer be responsible for any changes regarding the conditions, standards, policies, and candidate handbook that were applicable before the case was closed. A candidate requesting their case to reopen must do so in writing to <u>certification.team@pecb.com</u> and pay the required fee.

#### **Complaint and Appeal Policy**

Any complaints must be made no later than 30 days after receiving the certification decision. PECB will provide a written response to the candidate within 30 working days after receiving the complaint. If candidates do not find the response satisfactory, they have the right to file an appeal.

For more information about the Complaint and Appeal Policy, click here.

### **SECTION V: GENERAL POLICIES**

#### Exams and certifications from other accredited certification bodies

PECB accepts certifications and exams from other recognized accredited certification bodies. PECB will evaluate the requests through its equivalence process to decide whether the respective certification(s) or exam(s) can be accepted as equivalent to the respective PECB certification (e.g., ISO/IEC 27001 Lead Auditor certification).

#### Non-discrimination and special accommodations

All candidate applications will be evaluated objectively, regardless of the candidates' age, gender, race, religion, nationality, or marital status.

To ensure equal opportunities for all qualified persons, PECB will make reasonable accommodations<sup>3</sup> for candidates, when appropriate. If candidates need special accommodations because of a disability or a specific physical condition, they should inform the partner/distributor in order for them to make proper arrangements<sup>4</sup>. Any information that candidates provide regarding their disability/special needs will be treated with confidentiality. To download the Candidates with Disabilities Form, click here.

#### **Behavior Policy**

PECB aims to provide top-quality, consistent, and accessible services for the benefit of its external stakeholders: distributors, partners, trainers, invigilators, examiners, members of different committees and advisory boards, and clients (trainees, examinees, certified individuals, and certificate holders), as well as creating and maintaining a positive work environment which ensures safety and well-being of its staff, and holds the dignity, respect and human rights of its staff in high regard.

The purpose of this Policy is to ensure that PECB is managing unacceptable behavior of external stakeholders towards PECB staff in an impartial, confidential, fair, and timely manner. To read the Behavior Policy, click <u>here</u>.

#### **Refund Policy**

PECB will refund your payment, if the requirements of the Refund Policy are met. To read the Refund Policy, click <u>here</u>.

<sup>&</sup>lt;sup>3</sup> 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 readers or interpreters, and other similar accommodations for individuals with disabilities.

<sup>&</sup>lt;sup>4</sup> 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 post-secondary 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.



### Address:

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Emails: Examination: examination.team@pecb.com

Certification: certification.team@pecb.com

> Customer Service: support@pecb.com

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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.

www.pecb.com

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