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# Risk Manager Training - EBIOS Method

2 days (14 hours)

## PRESENTATION

Master IT risk management with our "Risk Manager - EBIOS Method" training course. A structured and progressive course, combining theory and immersive workshops, to understand the fundamental concepts of risk management and the EBIOS RM methodology.

During this training course, you will learn how to master all the stages of the EBIOS method in order to identify, analyze and deal with information security risks. We will cover the key concepts of risk management (assets, threats, vulnerabilities, impacts, risk acceptability), threat modeling and the construction of realistic attack scenarios, while linking them to ANSSI guidelines and best practices and ISO standards (27001 / 27005).

You will develop operational expertise enabling you to carry out a complete end-to-end study: from scoping and identification of critical assets, to risk prioritization, arbitration (reduction, transfer, acceptance, avoidance) and development of an appropriate treatment plan. You will also be trained to analyze and report your findings to a variety of audiences (management, CISOs, business lines), in order to promote effective decision-making and implementation of security measures.

Last but not least, you'll be put through your paces by means of case studies and role-playing exercises, which will enable you to apply each step of the EBIOS method immediately, and prepare you for a presentation in real-life conditions. This action-oriented training course will give you the essential tools to strengthen resilience, improve governance and manage cybersecurity within your organization.

## OBJECTIVES

- Understand EBIOS risk management concepts and principles
- Master the steps of the EBIOS method for the complete realization of a study
- Manage information security risks using the EBIOS method

- Analyze and communicate the results of an EBIOS study.

## TARGET AUDIENCE

- Consultants
- IS security managers
- risk managers
- anyone involved in IT risk assessment activities

## Prerequisites

- Familiarity with the ANSSI security guide
- Completion of the introductory cybersecurity course, or equivalent knowledge of information systems security.

## Our Risk Manager Training Program - EBIOS Method

[Day 1 - Morning]

### Structure of the EBIOS method (EBIOS Risk Manager)

- The 5 RM EBIOS workshops: 1) Framing, 2) Sources of risk, 3) Strategic scenarios, 4) Operational scenarios, 5) Risk treatment
- Inputs / Outputs / Deliverables per workshop (asset mapping, feared events, scenarios, measures, supporting documents)
- Roles & responsibilities: sponsor, facilitator, business, CISO, IT, legal
- Typical study milestones & planning, stopping criteria, dependency management
- Articulation with ISO 27005 (risk assessment) and contribution to ISO 27001 ISMS
- Practical workshop: Mapping "workshops / deliverables" on a mini-case.

[Day 1 - Afternoon]

### Framing the EBIOS method

- Define the scope, objectives and context of the analysis
- Identify stakeholders and their expectations
- Practical workshop: Framing a study (real/simulated case).

### Study context and feared events

- Identify critical assets and security needs
- Define feared events and their potential impact
- Practical workshop: Context analysis of a fictitious organization.

## [Day 2 - Morning] Threat

### scenarios

- Identifying sources of risk and threat scenarios
- Threat typology and modus operandi, attack modeling
- Practical workshop: Construction of scenarios based on the case study.

## Review of existing measures

- Identify and evaluate existing measures
- Mapping the organization's strengths & weaknesses
- Practical workshop: Critical analysis of a security plan.

## [Day 2 - Afternoon]

## Risk treatment & Communication of results

- Calculation and prioritization of risks, acceptance criteria
- Drawing up a treatment plan (technical, organizational and contractual measures)
- Structuring the presentation: report, COMEX/business line media
- Present results to stakeholders (management, business lines, CISO)
- Practical workshop: Drawing up a treatment plan & presenting a simulated EBIOS study.

## Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the forthcoming course, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire is used to check that skills have been correctly acquired.

## Certification

A certificate will be issued to each trainee who completes the training course.