

No. 159

CERTIFICATION GUIDE

ISACA AAISM Study Guide

A plain-language guide to Advanced in AI Security Management



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BEFORE YOU BEGIN

How to use this guide

What this guide covers, who it is for, and how to use it.

ISACA Advanced in AI Security Management (AAISM) is an advanced credential for security leaders who govern and secure enterprise AI. It builds on CISM or CISSP: you must hold one of them, active, to earn it.

This guide explains AAISM in plain language: exam facts, the three domains with diagrams, an AI risk register example, a study plan, original practice questions and exam-day advice.

What this guide is, and is not

- An independent study companion written in its own words.
- **Not** official ISACA material; it does not reproduce exam questions or the content outline.
- Use ISACA's official exam content outline as your checklist.

Who this guide is for

- **CISOs and security managers** responsible for AI.
- **CISM and CISSP holders** adding AI expertise.
- **Governance leads** building AI programmes.

How the guide is organized

- **Part I — The certification** (Chapters 1–6): what AAISM is, format, domains, the ISACA AI family and a plan.

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- **Part II — Governance and risk** (Chapters 7–20): Domains 1 and 2.
- **Part III — Technologies and controls** (Chapters 21–32): Domain 3.
- **Part IV — Exam success** (Chapters 33–39): practice questions, exam day and next steps.
- **Reference**: checklists, glossary and further reading.

Callouts

TIP

Practical study and exam advice.

IN PRACTICE

How a concept looks in a real AI programme.

WATCH OUT

Common traps and misunderstandings.

KEY IDEA

The one thing to remember from a section.

A note on screens

Screens are **illustrations**, not real ISACA exam screens or product screens.

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PART I

The certification

These chapters explain what AAISM is and how to prepare.

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CHAPTER 1

What AAISM is

AI security for managers.

A definition

AAISM validates the ability to govern AI security, manage AI risk and oversee AI technologies and controls across an organization, from the manager's point of view.

The manager's mindset

Like CISM, AAISM rewards answers that align with business goals, governance and risk appetite, rather than purely technical fixes.

KEY IDEA

Think like the leader who decides how AI is used safely, not the engineer who builds it.

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CHAPTER 2

Exam format

The exam.

Item	Detail
Prerequisite	active CISM or CISSP
Questions	90 multiple choice
Time	150 minutes
Passing score	450 on a 200-800 scale
Delivery	PSI test centre or remote proctoring
Launched	2025

Figure 2.1 AAISM at a glance

Fees and application

ISACA charges a lower exam fee to members, and a one-time application fee after you pass. Check current prices on ISACA's site.

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CHAPTER 3

The domains

Three domains.

Domain	Weight
1 AI Governance and Program Management	31%
2 AI Risk Management	31%
3 AI Technologies and Controls	38%

Figure 3.1 AAISM domains

WATCH OUT

CISM holders often find Domains 1 and 2 familiar and underprepare for Domain 3, the largest at 38%.

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CHAPTER 4

ISACA's AI credential family

ISACA's AI credentials.

Credential	Focus	Prerequisite
AAISM	AI security management	CISM or CISSP
AAIA	AI audit	CISA or approved audit credential
AAIR	AI risk	an approved risk or security credential

Figure 4.1 ISACA's advanced AI credentials

See the **ISACA AAIA** and **ISACA AAIR** guides in this series.

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