

# Top AAISM Latest Test Prep Free PDF | High-quality AAISM Valid Mock Exam: ISACA Advanced in AI Security Management (AAISM) Exam



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## ISACA AAISM Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>AI Governance and Program Management: This section of the exam measures the abilities of AI Security Governance Professionals and focuses on advising stakeholders in implementing AI security through governance frameworks, policy creation, data lifecycle management, program development, and incident response protocols.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>AI Risk Management: This section of the exam measures the skills of AI Risk Managers and covers assessing enterprise threats, vulnerabilities, and supply chain risk associated with AI adoption, including risk treatment plans and vendor oversight.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>AI Technologies and Controls: This section of the exam measures the expertise of AI Security Architects and assesses knowledge in designing secure AI architecture and controls. It addresses privacy, ethical, and trust concerns, data management controls, monitoring mechanisms, and security control implementation tailored to AI systems.</li></ul>

## AAISM Valid Mock Exam - AAISM Dump Check

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### ISACA Advanced in AI Security Management (AAISM) Exam Sample Questions (Q244-Q249):

#### NEW QUESTION # 244

Which of the following technologies can be used to manage deepfake risk?

- A. Systematic data tagging
- B. **Blockchain**
- C. Multi-factor authentication (MFA)
- D. Adaptive authentication

**Answer: B**

Explanation:

The AAISM study material highlights blockchain as a control mechanism for managing deepfake risk because it provides immutable verification of digital media provenance. By anchoring original data signatures on a blockchain, organizations can verify authenticity and detect tampered or synthetic content. Data tagging helps organize but does not guarantee authenticity. MFA and adaptive authentication strengthen identity security but do not address content manipulation risks. Blockchain's immutability and traceability make it the recognized technology for mitigating deepfake challenges.

References:

AAISM Study Guide - AI Technologies and Controls (Emerging Controls for Content Authenticity) ISACA AI Governance Guidance - Blockchain for Data Integrity and Deepfake Mitigation

#### NEW QUESTION # 245

To ensure ethical and responsible AI use, which AI usage policy metric is MOST important to monitor?

- A. Number of AI projects reviewed for compliance
- B. Frequency of policy reviews and updates
- C. Number of policy violations
- D. **Frequency of policy consultations by employees**

**Answer: D**

Explanation:

AAISM states the most meaningful policy performance metric is how often employees consult AI policies, which reflects:

- \* awareness
- \* practical adoption
- \* reliance on policy guidance
- \* safe decision-making behavior

Violations (A) are lagging indicators. Compliance reviews (B) measure oversight, not behavior. Policy review frequency (D) tracks governance updates, not usage.

References: AAISM Study Guide - AI Policy Effectiveness Metrics.

#### NEW QUESTION # 246

To ensure AI tools do not jeopardize ethical principles, it is MOST important to validate that:

- A. The organization has implemented a responsible development policy

- B. Outputs of AI tools do not perpetuate adverse biases
- C. Stakeholders have approved alignment with company values
- D. AI tools are evaluated by the privacy department before implementation

**Answer: B**

Explanation:

AAISM highlights that the core ethical risk in AI is the perpetuation of bias that results in unfair or discriminatory outcomes. Therefore, the most important validation step is ensuring that outputs of AI systems are free from adverse biases. A responsible development policy, stakeholder approvals, and privacy reviews all contribute to governance, but they do not directly ensure ethical outcomes. Validation of output fairness is the critical safeguard for ensuring AI does not violate ethical principles.

References:

AAISM Study Guide - AI Risk Management (Bias and Ethics Validation)

ISACA AI Security Management - Ethical AI Practices

**NEW QUESTION # 247**

Which of the following methods provides the MOST effective protection against model inversion attacks?

- A. Reducing the model's complexity
- B. Using adversarial training
- C. **Implementing regularization output**
- D. Increasing the number of training iterations

**Answer: C**

Explanation:

AAISM classifies model inversion as a privacy leakage threat where adversaries infer sensitive attributes or training records from model outputs. The recommended technical risk treatments emphasize reducing overfitting and information leakage via regularization and output-side constraints. Regularization (e.g., stronger penalties, output smoothing, confidence calibration, temperature limiting, and related techniques) reduces the model's tendency to memorize training data and curtails exploitable signal in outputs.

\* A (adversarial training) targets perturbation robustness, not primary for inversion.

\* B (reducing complexity) can help but is a coarse control with limited assurance versus explicit anti-leakage regularization.

\* D (more iterations) typically increases overfitting and leakage risk.

AAISM further notes that privacy-preserving training and output minimization are preferred where feasible; among the listed options, regularization most directly addresses inversion risk.

References: \* AI Security Management (AAISM) Body of Knowledge: Model Security-Privacy leakage threats (membership inference, inversion) and mitigation via regularization and output minimization. \* AI Security Management Study Guide: Overfitting controls, calibration and confidence suppression as defenses against inference attacks.

**NEW QUESTION # 248**

An aerospace manufacturer prioritizing accuracy and security wants to use generative AI. Which LLM adoption plan BEST aligns with its risk appetite?

- A. Purchasing an LLM dataset on the open market
- B. **Developing a private LLM to automate non-critical functions**
- C. Contracting LLM access from a reputable third-party provider
- D. Developing a public LLM to automate critical functions

**Answer: B**

Explanation:

AAISM notes that high-security industries (e.g., aerospace) should prefer private, controlled environments with restricted data exposure. Developing a private LLM for non-critical workloads minimizes operational and security risk while enabling innovation. Public LLMs for critical functions (C) violate safety expectations. Purchased datasets (D) introduce unknown provenance. Outsourcing (B) increases third-party risk.

References: AAISM Study Guide - AI Governance; Safe LLM Adoption Strategies.

**NEW QUESTION # 249**

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