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The AAISM PDF is the collection of real, valid, and updated ISACA Advanced in AI Security Management (AAISM) Exam (AAISM) practice questions. The ISACA AAISM PDF dumps file works with all smart devices. You can use the AAISM PDF questions on your tablet, smartphone, or laptop and start AAISM Exam Preparation anytime and anywhere. The AAISM dumps PDF provides you with everything that you must need in AAISM exam preparation and enable you to crack the final AAISM exam quickly.

## ISACA AAISM Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<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 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>

## Free AAISM Exam Dumps - AAISM Exam Practice

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### ISACA Advanced in AI Security Management (AAISM) Exam Sample Questions (Q127-Q132):

#### NEW QUESTION # 127

Which of the following would MOST effectively ensure an organization developing AI systems has comprehensive data classification and inventory management?

- A. Conducting quarterly audits of AI data sets for anomalies and missing metadata
- B. Creating a centralized team to oversee the classification of data used in AI projects
- C. Implementing an automated data cataloging tool that integrates with all organizational data repositories
- D. Establishing a manual process to categorize data based on business needs and regulatory compliance

**Answer: C**

Explanation:

AAISM governance practices emphasize automation as the most effective way to maintain comprehensive, accurate, and scalable data classification and inventory management. An automated data cataloging tool integrated with all repositories ensures continuous visibility, reduces human error, and supports regulatory compliance. Centralized teams and manual processes provide oversight but cannot achieve the same scale and consistency. Periodic audits detect issues but are reactive rather than proactive. For effective governance, the best solution is automated cataloging integrated across data repositories.

References:

AAISM Study Guide - AI Governance and Program Management (Data Classification and Inventory) ISACA AI Security Management - Automated Data Cataloging for AI Projects

#### NEW QUESTION # 128

A financial organization uses AI to detect potential fraudulent activities but is concerned about the impact of potential data poisoning. Which of the following controls would BEST mitigate this risk?

- A. Being transparent with customers about the data sources
- B. Delivering AI-specific security awareness training
- C. Implementing an updated and tested break-glass policy
- D. Using training data from multiple sources

**Answer: D**

Explanation:

AAISM identifies training-data diversity and provenance assurance as primary treatments against data poisoning. Sourcing data from multiple, independently governed providers, combined with ingestion validation and anomaly screening, reduces the chance that a single compromised source can skew model behavior and improves cross-source consistency checks. Transparency, break-glass, and awareness are valuable but do not directly reduce poisoning exposure at the training boundary.

References: AI Security Management™ (AAISM) Body of Knowledge - Data Governance & Integrity for AI; Adversarial ML: Poisoning Threats and Mitigations; Supplier and Source Diversification Controls.

#### NEW QUESTION # 129

An organization is commissioning a third-party AI system using sensitive data. Which metric is MOST important to consider?

- A. Accessibility rating

- B. Model response time
- **C. Accuracy thresholds**
- D. Service availability

**Answer: C**

Explanation:

AAISM specifies that when AI systems process sensitive or high-impact data (e.g., financial, identity, health), accuracy thresholds become critical risk indicators. Inaccurate predictions can cause harm, regulatory non-compliance, discrimination, or financial loss. Availability (D) is important but secondary to correctness in sensitive decision scenarios. Response time (B) and accessibility ratings (A) do not outweigh the need for accurate, reliable predictions.

References: AAISM Study Guide - AI Model Risk Metrics; Accuracy Requirements for High-Impact Systems.

### NEW QUESTION # 130

Which of the following is the GREATEST concern when a vendor enables generative AI features for an organization's critical system?

- **A. Access to the model**
- B. Bias and ethical practices
- C. Security monitoring and alerting
- D. Proposed regulatory enhancements

**Answer: A**

Explanation:

When enabling genAI capabilities in a critical system, AAISM prioritizes controlling access to the model and its interfaces (prompt surfaces, context windows, tools/functions, and connected data) because exposure expands the attack surface for prompt injection, data exfiltration, jailbreaks, and misuse. Monitoring (C) is necessary but detective; ethics and bias (D) are vital but secondary to immediate safety and security of a mission-critical environment; proposed regulations (B) are not an immediate operational risk.

References: AAISM Body of Knowledge: GenAI Security-Access Governance, Interface Hardening, and Prompt Surface Controls; AAISM Study Guide: Critical System Safeguards-Least Privilege, Guardrails, and Abuse Prevention.

### NEW QUESTION # 131

A data scientist creating categories and training the algorithm on large data sets is an example of which type of AI model learning technique?

- A. Machine learning (ML)
- **B. Supervised**
- C. Unsupervised
- D. Reinforcement

**Answer: B**

Explanation:

AAISM classifies learning paradigms by the presence of labeled targets. Creating categories (labels) and training on them is supervised learning, where input features are mapped to known outputs and optimization minimizes prediction error against ground truth. Unsupervised (B) discovers structure without labels; reinforcement (A) optimizes behavior via rewards; "machine learning" (C) is the broad field, not the specific technique.

References: AI Security Management™ (AAISM) Body of Knowledge - AI/ML Foundations; Learning Paradigms and Data Requirements. AAISM Study Guide - Supervised vs. Unsupervised vs. Reinforcement Learning; Label Quality and Model Performance Dependencies.

### NEW QUESTION # 132

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