Training: AWS
AWS Certified Generative AI Developer - Professional (AIP-C01) Exam

TRAINING GOALS:

The AWS Certified Generative AI Developer - Professional (AIP-C01) exam is intended for individuals who perform a GenAI developer role. The exam validates a candidate's ability to effectively integrate foundation models (FMs) into applications and business workflows. This certification demonstrates practical knowledge of how to implement GenAI solutions into production environments by using AWS technologies.

The exam also validates a candidate’s ability to complete the following tasks:

- Design and implement solutions by using vector stores, Retrieval Augmented Generation (RAG), knowledge bases, and other GenAI architectures.
- Integrate FMs into applications and business workflows.
- Apply prompt engineering and management techniques.
- Implement agentic AI solutions.
- Optimize GenAI applications for cost, performance, and business value.
- Implement security, governance, and Responsible AI practices.
- Troubleshoot, monitor, and optimize GenAI applications.
- Evaluate FMs for quality and responsibility.

The target candidate should have 2 or more years of experience building production-grade applications on AWS or with open-source technologies, general AI/ML or data engineering experience, and 1 year of hands-on experience implementing GenAI solutions.

Recommended AWS knowledge

The target candidate should have the following AWS knowledge:

- Experience with AWS compute, storage, and networking services
- Understanding of AWS security best practices and identity management
- Experience with AWS deployment and infrastructure as code (IaC) tools
- Familiarity with AWS monitoring and observability services
- Understanding of AWS cost optimization principles

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Domains & Competencies

- Domain 1: Foundation Model Integration, Data Management, and Compliance (31% of scored content)
- Domain 2: Implementation and Integration (26% of scored content)
- Domain 3: AI Safety, Security, and Governance (20% of scored content)
- Domain 4: Operational Efficiency and Optimization for GenAI Applications (12% of scored content)
- Domain 5: Testing, Validation, and Troubleshooting (11% of scored content)

Detailed described domains, list of specific tools and technologies that might be covered on the exam, as well as lists of in-scope AWS services
https://docs.aws.amazon.com/aws-certification/latest/examguides/ai-professional-01.html

Exam overview

Level: Professional

Length: 205 minutes to complete the exam (beta)

Cost: 150 USD (*when purchasing directly from AWS)

Visit Exam pricing for additional cost information.

Format: 85 questions; either multiple choice or multiple response

Delivery method: Pearson VUE testing center or online proctored exam.

Difficulty level



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