



Agentic Automation Professional

Exam Description

Important Alert	3
Introduction	3
Exam Summary	3
Target Audience	3
Minimally Qualified Candidate	4
Product version	4
Update and Maintenance	4
Exam Domains and Topics	4
Agentic AI and agentic automation concepts	4
Agentic discovery and blueprint design	4
Context Grounding	5
Escalations	5
Agentic evaluations	5
Agent management	6
Prompt engineering	6
UiPath Platform components and integrations	6
Agentic orchestration with UiPath Maestro	7
AI Trust Layer	8
Autopilot for everyone	8
Coded Agents	8
Environments, Applications, and/or Tools	8
Recommended Training and Preparation	9
Schedule the Exam	9

Important Alert

UiPath continuously monitors for any signs of exam misconduct or the distribution of unauthorized exam materials. Websites claiming to sell real exam content are not legitimate and should not be relied upon.

Introduction

The Agentic Automation Professional certification validates a candidate's ability to design, build, and govern automation solutions that orchestrate autonomous agents, automation routines, enterprise systems, and human decision-making. It focuses on the practical knowledge required to implement agentic automation in enterprise environments, ensuring solutions operate reliably, securely, and in alignment with organizational objectives.

Certified professionals demonstrate the ability to structure agent-driven workflows, integrate agents with automation and enterprise platforms, and apply governance practices that support scalability, observability, and responsible AI usage while balancing autonomy with appropriate levels of control.

Exam Summary

Exam Attribute	Details
Certification Track	UiPath Certified Professional – Agentic Automation Track
Credential	UiPath Certified Professional Agentic Automation Professional
Exam number and Title	UiPath-AAPv1: UiPath Agentic Automation Professional Exam
Exam Modality	Test center, Online Proctored
Exam Format	Multiple-choice, drag and drop/sequencing
Passing Score	70%
Exam Duration	120 min
Validity Period	3 years
Exam Fee	300 USD

Target Audience

This exam is intended for automation professionals, including:

- Automation Developers,
- Solution Architects,
- Technical Leads, and
- Center of Excellence members responsible for delivering agentic automation solutions.

Minimally Qualified Candidate

The minimally qualified candidate can independently design, build, orchestrate, and govern agentic automation solutions in enterprise environments using the UiPath platform, ensuring integrations with enterprise systems and applying appropriate governance and operational practices.

Product version

The exam covers UiPath product versions 2025.10 and later.

Update and Maintenance

This exam is reviewed and updated on a regular basis to ensure accuracy and relevance. Please check back periodically for the most current version of the exam description.

Exam Domains and Topics

Agentic AI and agentic automation concepts

- Define agents and differentiate between generative AI and agentic AI
- Best practices related to agentic automation: intelligent decision-making, adaptability, goal-oriented execution, multi-task coordination
- Explain the concept of agentic orchestration and the synergy between robots, agents and humans

Agentic discovery and blueprint design

- Identify and assess the agentic automation potential of business processes by considering the roles, the knowledge context, the technology landscape, and the as-is state.
- Design agent stories through the five characteristics: trigger, instructions, context, human in the loop, and the tools with which it integrates.
- Prioritize the agentic automation opportunities by considering feasibility and impact.
- Map business process steps to agent tasks.

- Identify agent goals and evaluation criteria.
- Define and differentiate between system and user prompts.
- Map context sources and grounding strategies.
- Select the tools appropriate to agent objectives.

Context Grounding

- Describe and use Context grounding.
- Use Context Grounding indexes to enhance agent memory by storing and retrieving relevant information.
- Define context grounding sources and configuration options.
- Configure thresholds and result limits to optimize agent performance for precision and relevance.
- Implement the index update strategy.
- Monitor indexes queries and jobs.
- Differences between ingestion and retrieval methods.
- Best practices for context engineering

Escalations

- Explain the concept of Human-in-the-Loop (HITL) and its importance in balancing agentic automation with human oversight.
- Define the logic for raising escalations.
- Configure UiPath Action Apps for human-in-the-loop escalations.

Agentic evaluations

- Define evaluations and their role in ensuring agent reliability.
- Differentiate between deterministic and model-graded evaluations.
- Design evaluation datasets that reflect real-world complexity.
- Create input/output pairs covering diverse scenarios.
- Identify edge cases and failure scenarios to include in datasets.
- Determine when to use strict vs. flexible assertions based on use cases.

- Select deterministic assertions
- Select model graded assertions
- Execute evaluation sets and analyze results for accuracy and reliability.
- Interpret evaluation scores for accuracy and reliability.
- Use execution traces to identify issues in failed evaluations.
- Analyze failed evaluations to identify root causes of errors and patterns.
- Apply iterative improvements to enhance agent performance.
- Prompt optimizations using evaluations.

Agent management

- Apply governance policies to enable, disable or control agent functionality and ensure compliance.
- Assign policies at tenant, group, or user level.
- Use agent scores to track agent performance.
- Analyze trace data to understand agent behavior during execution.
- Monitor agents usage, units consumption, incidents.
- Agent Tool / CG Simulations
- Best practices for building, publishing and deploying agents

Prompt engineering

- Craft zero-shot prompts for simple tasks.
- Design few-shot structured prompts.
- Include context, instructions, output format, and constraints.
- Apply clarity, specificity, conciseness best practices.
- Refine prompts iteratively based on evaluation feedback.
- Best practices for prompt engineering.

UiPath Platform components and integrations

- Create agent tools in Studio Web.
- Design input/output schema for tools.
- Use Run Job in Studio Web.
- Create connections using Integration Service.
- Map connector actions into agent prompts.
- Troubleshoot tool execution using traces and evaluations.
- Build and publish API workflows as reusable agent tools.
- Expose/invoke existing agents for reuse inside new agents
- Integrate MCP assets as tools within an agent.
- Use agent tool guardrails.
- Data Fabric Integration

Agentic orchestration with UiPath Maestro

- Use BPMN to model business processes and map tasks to robots, agents and humans.
- Configure Service Tasks to invoke agents with 'Start and wait for agent'.
- Configure Service Tasks to invoke automation workflows from Orchestrator.
- Use Send/Receive tasks to call Integration Service connectors and webhooks.
- Define global, local, and task-specific variables for process data.
- Map input and output parameters between Maestro tasks and agents.
- Use expression editor and Scripts to perform data transformations and conditional routing.
- Chain multiple agents within one process for complex automations.
- Handle asynchronous agent completion events and callbacks.
- Configure User Tasks with Action Apps forms for escalations.
- Set dynamic assignees, SLAs, and expiry rules for user tasks.
- Capture user inputs and return structured data to the process.
- Control Flow in Maestro

- Instance Management
- Define and use API workflows.
- Best Practices for Maestro

AI Trust Layer

- Bring your own tenant (LLM gateway)
- Use of audit and usage summary.
- PII In-Flight Masking

Autopilot for everyone

- Describe when Autopilot for everyone should be used.
- Use of Specialized Autopilots.

Coded Agents

- Coded Agents

Conversational Agents

- Conversational Agents

UI Agent

- UI Agent (ScreenPlay)

Environments, Applications, and/or Tools

The Minimally Qualified Candidate (MQC) should be comfortable working with the following environments, applications, and/or tools:

- A general familiarity with SDLC
- Microsoft Excel
- Microsoft Outlook
- Browsers (Edge, Chrome, etc.)
- Web page elements (e.g., HTML)

Recommended Training and Preparation

The following represents the recommended learning path the Minimally Qualified Candidate (MQC) can take to prepare for the UiPath Certified Professional Agentic Automation Professional Exam:

Training Options:

-  **Academy** [Agentic Automation Training Learning Plan](#)
 - AND -
 - <https://docs.uipath.com/>
 - OR -
 - Other training or self-learning sources that cover the subjects listed in this document to prepare for the exam.

Practice Test: [UiPath Agentic Automation Professional Practice Test](#)

Schedule the Exam

This exam is administered through Pearson VUE. To register and schedule your exam, please visit the UiPath Certified Professional Program [exam registration page on Pearson VUE](#).