



Automation Developer Associate

Exam Description Document

IMPORTANT ALERT	3
Introduction	3
Target Audience	3
Minimally Qualified Candidate	3
Product Version	4
Exam Domains/Exam Sections	4
Exam Topics	5
Business Knowledge	5
Platform Knowledge	5
Studio Interface	5
Variables and Arguments	5
Control Flow	5
Debugging	5
Exception Handling	6
Logging	6
UI automation	6
Object Repository	6
Excel Automation	6
Email Automation	6
PDF Automation	6
Data Manipulation	6
Version Control integration	7
Workflow Analyzer	7
RPA Testing	7
Orchestrator	7
Integration Service	7
Environments, applications, and/or tools	8
Recommended training and hands-on experience	8
Recommended Exam Preparation	9
Exam Details	9

IMPORTANT ALERT

We are continuously monitoring internet activities for any signs of cheating or misguided information. We are aware that there are a large number of websites who are **selling fake exams** and charging substantial prices for them. We will take immediate action if we find that the real exams have been compromised. **Please do not spend money or rely on such cheat sites.**

Introduction

UiPath Certified Automation Developer Associate certification is designed for professionals who can independently build simple automation solutions or contribute effectively to a team developing more complex automations using UiPath technologies.

The exam evaluates your ability to identify automation opportunities, solve problems, and build basic workflows using UiPath Studio, Robots, and Orchestrator.

It's an ideal starting point for those aiming to grow into advanced roles such as Advanced Automation Developer, Solution Architect, or Automation Architect.

Target Audience

The target audience for the Automation Developer Associate Exam includes:

- Junior Automation Developers
- Automation Developers
- Solution Architects
- Business Analysts
- System Administrators
- College/university students and/or graduates
- UiPath and Partner Employees in roles such as presales, Services, Support, etc.

Minimally Qualified Candidate

The Minimally Qualified Candidate (MQC) is an individual with the following qualifications:

- No prior experience with robotic process automation (RPA); however, the MQC has taken and completed UiPath Automation Developer foundational training from UiPath, its authorized partners, Academic Alliance institutions, or other sources which satisfy learning for subjects being tested
- OR -
- 6+ months' RPA hands-on experience

Product Version

The exam covers UiPath product versions **2024.10 and later**.

Exam Version Clarification

The product version covered by an exam is determined by the exam name, description, and published objectives available at the time of registration.

Some score reports may display an internal exam code that includes a legacy version suffix (for example, "2023.10"). This code is used for internal exam administration purposes only and does not indicate the UiPath product version assessed in the exam.

We are updating how this identifier appears in future score reports to avoid confusion.

Exam Domains/Exam Sections

The Automation Developer Associate Exam contains the following exam sections:

- Business Knowledge
- Platform Knowledge
- Studio Interface
- Variables and Arguments
- Control Flow
- API-based automation
- Debugging
- Exception Handling
- Logging
- UI automation
- Object Repository
- Excel Automation
- Email Automation
- PDF Automation
- Working with files and folders
- Data Manipulation
- Version Control integration
- Libraries, templates, and snippets
- Workflow Analyzer
- RPA Testing
- Orchestrator
- Integration Service
- Implementation Methodology Fundamentals

Exam Topics

Tasks performed by the Minimally Qualified Candidate:

Business Knowledge

- Describe what business process automation is and what value it brings.
- Identify and describe key concepts related to business processes.
- Describe how agentic automation can streamline business processes

Platform Knowledge

- List and describe high-level the use of UiPath products (Including Studio Types, Robot Types, Orchestrator, Integration Service).
- Explain the difference between Attended and unattended processes.
- Explain the difference between Serverless, vm and local

Studio Interface

- Studio Web overview.
- Use the options available in the Studio Backstage view.
- Create a new process using the correct compatibility mode.
- Cross platform.
- Describe the elements of the Studio capabilities.
- Describe the elements of the Studio capabilities
- Unified Build - Agentic - Apps - Inter-Process Communication

Variables and Arguments

- Explain what data types are and how they are used.
- Create, manage, and use variables.
- Create, manage, and use In, Out, and In/Out arguments.
- Automatically generate variables
- Create, manage, and use global constants and variables.
- Explain the difference between variables, arguments, global constants, and global variables.

Control Flow

- Use Sequence and flowchart layouts in projects.
- Use the IF, Flow Decision, Else If activities in projects, and the Vb.Net If Operator.
- Use the For Each, While, Do While, and Switch activities.

Debugging

- Use debug modes, debug actions, and the debug ribbon options to debug a file or the entire project.
- Use simple and conditional breakpoints and simple and conditional tracepoints.
- Describe and use all debugging panels.

Exception Handling

- Use Try Catch, Throw, Rethrow, and Retry Scope.

Logging

- Describe and interpret robot execution logs.
- Apply logging best practices during development.

UI automation

- Explain how UI automation works and switch between modern and classic design experiences.
- Use the Modern Recorder to create UI automation.
- Use Modern UI automation Input Activities and Input Methods.
- Use Modern UI automation Output Activities and Output Methods.
- Use UI Synchronization with activities available in the Modern Design Experience.
- Primary target methods (computer vision integration in Unified Target, Fuzzy, Strict, Image)
- Evaluate and configure static and dynamic descriptors.

Object Repository

- Create, publish, and consume a UI Library with static and dynamic descriptors.

Excel Automation

- Explain how Excel Automation works.
- Use the modern Excel Integration activities like Excel Process Scope, For Each Excel Row, Use Excel File, Remove Duplicates, Copy/Paste Range, Insert Column, VLookup, Write Cell, Create Pivot Table, and Insert Chart.
- Use the Excel Workbook activities like Read Range Workbook, Write Range Workbook, Get Cell Workbook, Write Cell Workbook, Append Range Workbook.

Email Automation

- Get IMAP and POP3 Emails and send SMTP Mail Messages.
- Get, Send, and Manage Microsoft and Gmail Integration Emails.
- Use Microsoft 365 and Gsuite packages.

PDF Automation

- Extract data from native and scanned PDF.
- Extract a single piece of data from a single and multiple native PDFs.
- Working with Files and Folders
- Create, manage, and iterate through local files and folders.

Data Manipulation

- Use VB.Net methods to perform string manipulation: Trim, ToLower, ToUpper, StringConcat, Contains, String, Format, IndexOf, LastIndexOf, String.Join, Replace, Split, Substring.

- Use the RegEx Builder for string manipulation.
- Initialize an Array variable, iterate through an array, reference elements, replace them, and convert arrays of type string to string.
- Initialize a List type, iterate through it, and use Studio activities to add, remove, and modify the elements of the collection.
- Explain what the difference is between the Array type and the List type.
- Initialize a dictionary, add key-value pairs, remove keys, and retrieve values.
- Use UiPath activities to build, filter, join, merge, and iterate through DataTables.
- Perform conversions between the data types.
- Text handling and Date handling activities

Version Control integration

- Use the Studio Git integration to add a project, clone a repository, commit, push, use show changes and solve conflicts and create and manage branches.
- Libraries and Templates
- Create, publish, and consume a process library.
- Create, share, and access a template.

Workflow Analyzer

- Use Workflow Analysis and Validation at file and project level.
- Configure Workflow Analyzer settings.
- Implementation Methodology
- Describe the project implementation stages.
- Interpret process design documents (PDDs) and solution design documents (SDDs).

RPA Testing

- Create and use basic and data-driven RPA test cases.
- Use Mock Testing.
- Use the Test Explorer Panel

Orchestrator

- Describe Orchestrator Entities (Robot, Folder, Package, Process, Job, Heartbeat), Tenant Entities (User, Machine, License, Webhook, Alerts) and Folder Entities (Assets, Storage Buckets, Queues, Triggers, Credential Stores)
- Use Tenant Entities (User, Machine, License) and Folder Entities (Assets, Storage Buckets, Queues)
- Provision Robots.
- Use Personal Workspaces.
- Define Roles and Permissions.
- Use Orchestrator Logging features.
- Unattended Robot Setup in Orchestrator

Integration Service

- Explain what Integration Service is.
- Use Integration Service Connectors and Triggers in an automation project.

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 software development lifecycle (SDLC)
- Microsoft Excel
- Microsoft Outlook
- Working experience with a Code Editor such as PyCharm/Visual Studio Code/Notepad or any other
- Browsers (Edge, Chrome, etc.)
- Web page elements (e.g., HTML)
- Version Control
- UiPath Studio and UiPath Studio – Robotic Enterprise Framework
- UiPath Studio – Document Understanding Template
- UiPath Communications Mining
- AI Center
- Action Center
- UiPath Orchestrator
- UiPath Robots

Recommended training and hands-on experience

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

Training Options:

-  **UiPath Academy** [Automation Developer Associate Training](#)
 - 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.

Hands-on Experience:

1. Involved in end-to-end process development
2. Performing UiPath code reviews
3. Providing project support; i.e., Hypercare
4. Providing maintenance and support
5. Creating and reviewing project specifications

6. Debugging and fixing production bugs
7. Adding features to existing Document Understanding processes

Recommended Exam Preparation

In addition to the recommended learning path, the practice test is an additional study tool to prepare for the UiPath Automation Developer Associate Exam.

- [UiPath Automation Developer Associate Practice Test](#)

Exam Details

Certification Track	UiPath Certified Professional - Developer Track
Credential	UiPath Certified Professional Automation Developer Associate
Valid Period	3 years
Exam Number and Exam Title	UiPath-ADAv1 - UiPath Automation Developer Associate Exam
Pre-requisite Exam(s) and/or Certification(s)	None
Exam Duration	90 minutes
Passing Score	70%
Exam Fee	\$150

Copyright © 2025 UiPath Inc. or its subsidiaries. All Rights Reserved. UiPath, and other trademarks are trademarks of UiPath Inc. or its subsidiaries. Other trademarks may be the property of their respective owners.