UiPath

Test Cloud Architect Professional

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Important Alert

UiPath continuously monitors 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 **UiPath Test Cloud Architect Professional exam** validates a candidate's ability to execute, monitor, and optimize end-to-end testing processes using UiPath Test Cloud. It assesses key skills in UI and API test automation, data-driven testing, reusable components, and the application of testing best practices, while leveraging AI-powered agents to augment the full testing lifecycle.

This exam is intended for experienced test automation engineers, QA professionals, and developers who are responsible for architecting and scaling high-quality testing solutions in CI/CD-driven environments.

Exam Summary

Exam Attribute	Details
Certification Track	UiPath Certified Professional – Software Testing Track
Credential	UiPath Certified Professional Test Cloud Architect Professional
Exam number and Title	UiPath-TCAPv1: UiPath Test Cloud Architect 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	150 USD

Target Audience

This exam is intended for automation professionals, including:

- Test Automation Engineers,

- QA professionals,
- Automation Developer
- Technical Leads, and Center of Excellence members responsible for delivering agentic automation solutions.

Minimally Qualified Candidate

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

- 6+ months experience as a Software Tester/QA Engineer
- Knowledge on applying testing best practice
- Equivalent skills and knowledge gained from taking the Introduction to Automation, Automation Explorer Learning Plan, and Automation Developer Associate Training on UiPath Academy
- Technically proficient and possesses the knowledge/skills to work independently

Product version

The exam covers UiPath product versions 2026.4.

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

Automation Development

- User Interface (UI) Automation with Modern Design in Studio
- UI Automation Descriptors in Studio
- Activities
- Selectors in Studio Deep Dive
- Debugging in Studio
- Version Control Systems Integration in Studio
- Object Repository

- Orchestrator Assets usage

UiPath Test Cloud Architecture & Admin

- Differentiate between the most common types of testing methodologies
- Describe the UiPath Test Cloud capabilities and components integrate and how they can be applied
- Describe how to integrate with 3rd party ALMs - emphasis on the artefacts that can be synced and capabilities
- Map Test Cloud features with STLC phases
- Describe required licenses for using Test Cloud: App Test Developer, App Tester, App Test Robot, App Test Platform Unit
- How to provision users in the platform and assign licenses & access rights
- Provision services: data fabric, test manager, integration service, ai trust layer config

API testing

- How to use and configure HTTP request
- How to use and configure Integration service

UiPath Studio - Testing Panels, Activities, and Templates

- Differentiate between types of Studio projects (test automation vs process).
- Effectively import, create, publish and convert test cases in UiPath Studio.
- Explain the Test Explorer panel, its purpose, components, and execution options.
- Describe how the Test Explorer panel can be used to analyses the test results.
- Describe the Test Automation Framework and its usage
- Describe what Test Case Templates are, how they work, and how to use them.
- Describe what Execution Templates are, how they work, and how to use them.
- Effectively use verification activities in the testing pack.
- How to connect UiPath Studio project to Test manager.

Test Automation Best Practices

- Describe Workflow Analyzer rules for application testing
- Apply Testing Best Practices

UiPath Studio - Data-driven Testing

- Manage test data to perform data-driven testing for test cases that contain data variation.
- Effectively use activities to generate synthetic random test data
- Create data-driven test cases using Data Fabric items through activities or as a data source to test cases.
- Describe different test data scenarios

Orchestrator

- Detail what Orchestrator is and why it is used
- Configuration of machine & user / robot for Test Execution

UiPath Robot

- Describe what the role of App Test Robot is
- Differentiate between the different way robots can be connected to UiPath Orchestrator.

UiPath Test Manager

- Explain user and group access management in UiPath Test Manager. What action can the user perform
- "Effectively use custom fields in UiPath Test Manager to define project-specific attributes and categorize or prioritize requirements, test sets and test cases and use labels as a data type on custom field"
- Describe best practices and considerations for importing and exporting projects in UiPath Test Manager.
- Explain when it is recommended to use manual testing and the parameters that can be configured for manual steps in UiPath Test Manager. Describe the pre-conditions and post-conditions for manual test cases.
- Differentiate between ways to assign test cases to Test Sets in UiPath Test Manager: static and dynamic.
- Explain the process of executing a Test Set in UiPath Test Manager.
- Differentiate between different test execution options in UiPath Test Manager and how each type of execution is performed.
- Describe pending and mixed execution for test cases.

- Describe when and where to use the Enforced execution order.
- Test execution streaming (visibility into automated test runs)."
- Describe how to create a defect for a failed test case: how to, integrations, scenarios
- Explain best practices to analyze the test results in UiPath Test Manager, overwrite results, and export options
- Propose solutions for a scenario where reporting shows low score on critical KPIs for test reports generated via Autopilot
- Export - Import scenarios, when to use, artefact objects
- Assign Execution folder and Robot Account to Test Set
- Effectively use Test Schedule to schedule text execution
- Describe the selection of automation for test cases: scenarios, screenshots
- Parametrize test cases
- Create a test in Studio Web

CI/CD Implementation

- Describe the concept of CI/CD and Explain the process of implementing CI/CD pipelines.
- Scenarios where UiPath command-line interface (CLI) can be used.

Reusable components

- How to effectively use libraries in test projects
- Using variables in selectors from OR
- How to effectively use object repository in test projects

Test automation types of projects

- Know about SAP features: Heatmap, Change Impact Analysis and test generation for SAP transactions Autopilot, SAP Activities
- Know about Mobile features: activities, mobile device manager, architecture. (getting started in mobile testing)
- Know about Performance features: overview, scenarios (spike/stress/endurance), including reusing existing functional automated tests and running at scale

- Using coded test cases: how to use, advantages, interpret screenshots, Autopilot for creating coded tests and coded API tests

UiPath Agentic Capabilities

- Use Autopilot for Requirements: Evaluate quality
- Use Autopilot: Generates tests from requirements and Find obsolete tests
- Import test cases using Autopilot (excel, etc)
- Test Cases: Run with Autopilot
- Illustrate the usage of ScreenPlay activity
- Use Search with Autopilot in Test Manager
- Use Generate Report from test execution
- Describe Prompt Library usage and it's usage
- Use Generate with Autopilot test data variation feature
- Use low-code Test Case generation with Autopilot
- Use Expressions generation with Autopilot
- Self-healing

Database Validation

- Understand database testing concepts and use cases in application testing
- Execute database queries and validate data using UiPath Studio activities

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:

- UiPath Academy UiPath Test Cloud Specialist—Foundation Learning Plan
- UiPath Academy UiPath Agentic Testing Specialist Learning Plan
- UiPath Academy UiPath Test Cloud Expert Learning Plan

- OR -

- UiPath Academy Software Test Engineer 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 Test Cloud Architect 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.