



HP Certified Professional

HP QuickTest Professional 10.0 Software

HP0-M39

Exam Preparation Guide

Purpose

The intent of this guide is to set expectations about the context of the exam and to help candidates prepare for it. Recommended training to prepare for this exam can be found at The Learning Center. It is important to note that although training is recommended for exam preparation, successful completion of the training alone does not guarantee that you will pass the exam. In addition to training, exam items are based on knowledge gained from on-the-job experience and application as well as other supplemental reference material that may be specified in this guide.

HP certification

The HP Certified Professional community is a network of qualified HP channel partners, customers, and employees who have taken the courses and studied the associated reference material necessary to pass the certification exams that earn HP Certified Professional credentials. The exams offered through the HP Certified Professional program validate the skills and assure the competency of HP certified professionals. The knowledge and experience required to pass HP certification exams ensure that HP certified professionals are respected and valued throughout the industry.

Audience

This exam is intended for technical implementers who will install, configure, and use, under supervision, the HP QuickTest Professional 10.0 software to automate functional tests.

Minimum qualifications

To pass this exam, you should have at least three months experience with HP QuickTest Professional 10.0 Software. Exams are based on an assumed level of industry-standard knowledge that may be gained from the training, hands-on experience, or other pre-requisite events.

Relevant certifications

After passing this exam, your achievement may be applied toward more than one certification. To determine which certifications will be credited with this achievement, log into The Learning Center and view the certifications listed on the exam's More Details tab. You may be on your way to achieving additional HP certifications.

Exam details

The following are details about the exam:

- **Number of items:** 66
- **Item types:** Multiple choice (single-response), Multiple Choice (multiple-response), Drag and Drop, and Point and Click.
- **Exam Time:** 90 minutes
- **Passing Score:** 74 percent
- **Reference Material:** No on-line or hard copy reference material will be allowed at the testing site.

Comments on the exam

During the exam, participants can make specific comments about the items (i.e., accuracy, appropriateness to audience, etc). HP welcomes these comments as part of our continuous improvement process.

Exam content

The following testing objectives represent the specific areas of content covered in the exam. Use this outline to guide your study and to check your readiness for the exam. The exam measures your understanding of these areas.

HP0-M39 Sections/Objectives

10% Planning for an Automated Test

- Plan for general testing and automation.
- Plan for QTP testing.
- Identify features and settings.

15% Basic Test Creation and How QTP Works with Objects

- Create the basic test.
- Describe how QTP works with objects.
- Add steps without recording.

24% Basic Test Verification and Enhancement

- Add standard and custom verification points in the basic test.
- Enhance tests with parameters.
- Add custom checkpoints.
- Add database checkpoints
- Add bitmap checkpoints.
- View test results.

14% Building Modular Automated Tests

- Build modular QTP tests with actions.
- Use a Shared Object Repository.

6% QuickTest Professional Integration with Quality Center

- Describe the Quality Center and QuickTest Professional connection.
- Define Quality Center management of QuickTest Professional resources.
- Describe the use of versioning.

14% Automated Test Troubleshooting

- Troubleshoot object recognition problems.
- Use Recovery Scenarios.
- Use the Debugging Tool.
- Measure system performance.
- Identify and describe features supporting the testing process and collaboration.

9% Advanced QTP scripting

- Import and export Excel sheets.
- Get and set object properties.
- Identify descriptive programming to bypass repository.

8% Working with Expert View

- Describe Expert View features and elements.
- Describe Object programming.
- Identify and describe VBScript elements.

Training

Recommended training to prepare for this exam is accessible from this exam's page in The Learning Center. See the exam attachment, Supporting courses, to view and register for the courses.

You are not required to take the associated courses; however, HP strongly recommends that you complete the training and thoroughly review all course materials and documents before taking the exam. Sufficient on-the-job experience may also be required.

Studies conducted by HP and Prometric show that a combination of course attendance, self-study, and on-the-job experience maximizes the likelihood of passing the exam on the first attempt.

Additional study references

This section lists courses and documents that can help you prepare for the exam and acquire the knowledge necessary to achieve the associated credential. You must also gain the practical experience outlined in this guide.

Please note: The following materials were available when this document was published. Reference materials are continually updated.

Reference Type/ Title	Source
QuickTest Professional 10.0 User Guide (See next page for topics.)	To access the user guide, go to: http://support.openview.hp.com/selfsolve/manuals Log in using your HP Passport user ID and password. Note: If you do not have an HP Passport, follow the process to register as a new user.

QuickTest Professional 10.0 User Guide topics include:

- To Do Pane
- Active Screen
- Performing Merge Operations
- Understanding Object Repository Merge Tool, Status Bar
- Updating a Shared Object Repository from Local Object Repository
- Creating Portable Copies of Your Test
- Using the Keyword-Driven Methodology, Adding Steps to Your Actions
- Recording a Test
- Working with Actions
- Understanding Types of Checkpoints
- Fine-Tuning the Bitmap Comparison
- Using User-Defined External Environment Variables
- Outputting a Value to an Action Parameter
- Using Programmatic Descriptions
- Performing Programmatic Description Checks
- Retrieving and Setting Identification Property Values
- Additional Tips for working with User-Defined Functions
- Jumping to a Step in QuickTest
- Viewing Still Images and Movies of Your Application
- The Debug Viewer Pane, Watch Tab
- Working with Tasks and TODO Comments
- Customizing Toolbars and Menus
- Handling Missing Actions
- Setting Active Screen Options
- Introducing Resources and Dependencies Model Terminology
- The QuickTest Comparison Tool
- Managing Test Versions in QuickTest
- Working with Dynamic Content

Exam registration

To register for this exam, please go to the exam's description in The Learning Center: <http://www.hp.com/go/partnerlearning>

Conclusion

HP wishes you success in the HP Certified Professional Program and in passing the exam for which you are preparing.