



## Exam Preparation Guide

### HPO-M48: HP LoadRunner 11.x Software

This guide is to set expectations about the context of the certification exam and to help candidates prepare. 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 ExpertOne community is a network of qualified HP channel partners, customers, and employees. These individuals have passed certification exams that validate skills and competencies for credentials offered through the HP ExpertOne program.

#### Audience

The exam is intended for technical personnel who demo, perform Proof of Concept, and under supervision of a senior consultant plan and execute load tests and performance validation using HP LoadRunner 11.x Software.

#### Minimum qualifications

To pass this exam, it is recommended that you have at least three months experience with HP LoadRunner 11.x 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 More Details tab. You may be on your way to achieving additional HP certifications.

#### Exam details

The following are details about this exam:

- Number of items: 62
- Item types: multiple choice and drag-and-drop
- Exam time: 105 minutes
- Passing score: 72%
- 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-M48	Sections/Objectives
18%	Load test planning <ul style="list-style-type: none"><li>• Define measurable goals.</li><li>• Identify system components and configuration.</li><li>• Identify the Application Usage model.</li><li>• Plan a scenario run.</li></ul>
11%	LoadRunner installation <ul style="list-style-type: none"><li>• Describe the LoadRunner environment and architecture.</li><li>• Explain how to install the Controller.</li><li>• Explain how to install VuGen.</li><li>• Describe the requirements and considerations for installing a Load Generator.</li><li>• Explain requirements and considerations for installing the Analysis tool.</li></ul>
25%	Scenario configuration <ul style="list-style-type: none"><li>• Configure different types of scenarios.</li><li>• Define a load test schedule using the Scheduler.</li><li>• Set up a Service Level Agreement.</li><li>• Set up Performance Monitors.</li><li>• Configure Scenario options based on test requirements.</li><li>• Configure additional features.</li></ul>
25%	Scenario execution <ul style="list-style-type: none"><li>• Identify steps within the Scenario Execution Process.</li><li>• Work with the Controller Run tab.</li><li>• Describe results collation.</li></ul>



HP0-M48	Sections/Objectives
21%	<p>Results analysis</p> <ul style="list-style-type: none"><li>• Use Root Cause Analysis to determine the likely cause of a bottleneck.</li><li>• Analyze information on available graphs.</li><li>• Use Drill-Down to determine lower level details.</li><li>• Use Auto Correlation to identify probable cause.</li><li>• Use filtering, set granularity to analyze results.</li><li>• Compare or merge graphs to analyze results.</li><li>• Describe the uses of the SLA and Analyze Transaction feature.</li><li>• Describe Analysis module features under Options.</li><li>• Describe how to use cross-scenario analysis to evaluate impacts of application.</li><li>• Explain the reporting solution.</li><li>• Identify diagnostic graphs.</li></ul>

### Training

Recommended training to help prepare for this exam is accessible in The Learning Center. See the exam attachment, Supporting courses, to view and register for courses. You are not required to take the recommended, supported courses; and completion of training does not guarantee that you will pass the exam. HP strongly recommends a combination of training, thorough review of courseware and additional study references, and sufficient on-the-job experience prior to taking the exam.

### Additional study references

This section lists additional 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
HP LoadRunner Software Version: 11.00 patch 02  Installation Guide LoadRunner11.00_Installation.pdf Chapter 1  Controller User Guide LR11.00_P2Controller_User.pdf Chapter 7 Chapter12, Pages 281-287 Chapter15, Pages 341-347 Chapter18, Pages 369-374 Chapter 24, Pages 500-506  Patch 02 Analysis User Guide LR11.00_P2Analysis_User.pdf Chapter 7 Chapter 29 Chapter 30, Pages 507-508  HP LoadRunner Readme	To access the guides, go to: <a href="http://support.openview.hp.com/selfsolve/manuals">http://support.openview.hp.com/selfsolve/manuals</a> 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.
HP Diagnostics Software Version: 9.01  Installation and Configuration Guide Diagnostics9.01_InstallConfig.pdf Chapter1, Pages 25-30, 44-48	<a href="http://support.openview.hp.com/selfsolve/manuals">http://support.openview.hp.com/selfsolve/manuals</a>

### Exam registration

To register for this exam, please go to the exam tab in The Learning Center and click on "Access more information". Visit <http://www.hp.com/go/ExpertOne> for access.

### Conclusion

HP wishes you success in passing the exam and joining the HP ExpertOne program.



## HP ExpertOne

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