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# HP Certified Professional Performance Testing using HP LoadRunner Software – HPO-M84 Exam Preparation Guide

## Purpose of the exam prep guide

The intent of this guide is to set expectations about the content and the context of the exam and to help candidates prepare for the exam, Performance Testing using HP LoadRunner Software. In this guide, you will find recommended HP training courses, reference and study material help you achieve a successful passing score.

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

## Audience

This exam is intended for technical implementers who will use LoadRunner 9.0 Controller and Analysis to perform load tests. We recommend participants have at least one year of on-the-job training with LoadRunner before taking this exam. Examples of job roles are:

- § Consultant
- § Certified training instructor

## Certification requirements

Performance Testing using HP LoadRunner Software exam is a core requirement to be certified as an Accredited Systems Engineer in HP Performance Center v9.

## Prerequisites

- n no prerequisites

## Exam details

At the beginning of the exam, you will be asked to answer several survey questions. The survey questions are designed to assist the exam development team in accurately profiling test results and to improve future exams.

The following are details about the exam:

- n Number of items: About 75
- n Item types: multiple choice and performance-based
- n Time commitment: 3 hours
- n Percentage Required to Pass Exam: 77 percent
- n Reference Material: No hard copy reference material will be allowed at the testing site. A virtual lab that contains LoadRunner will be available during the exam.

This is a proctored, performance-based exam. During the exam, you will be provided with a virtual lab environment that contains LoadRunner and a sample Web site, to perform activities referred by exam questions.

## Exam content

The following topics represent the specific areas of content covered in the exam. Test questions and performance-based items focus on the Web environment. Use this outline to guide your study and to check your readiness for the exam. The exam measures your understanding of these areas.

- § Section I: Load test planning
- § Section II: LoadRunner installation
- § Section III: Configure a scenario
- § Section IV: Execute a scenario
- § Section V: Analyze results
- § Section VI: Performance-based activities
  - § Design a manual scenario
  - § Execute a scenario
  - § Analyze load test results

## Recommended Training and Study References

This section lists training courses and documents that can help you acquire a majority of the knowledge and skills needed to pass the exam. You must also gain the practical experience outlined in this guide

You are not required to take the courses listed in this section. However, HP strongly recommends that you attend the classes, participate in class labs, and thoroughly review all course material and documents before taking the exam, even if you believe you have sufficient on-the-job experience.

## Instructor-Led Training

Use the information in this guide and the practical experience you have gained to determine your need for the instructor-led training.

Title	How to Enroll
Fundamentals of LoadRunner 9.0 LR90-COURSE-01	Registration: ✓ <a href="http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=UK">http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=UK</a> ✓ <a href="http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=US">http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=US</a> ✓ <a href="http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=AU">http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4313&amp;sitepick=AU</a> Study Summary: ✓ <a href="http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=UK">http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=UK</a> ✓ <a href="http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=US">http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=US</a> ✓ <a href="http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=AU">http://merc-training.cce.hp.com/main/get_file.cfm?code=4436&amp;file=LR-90-O-01.pdf&amp;sitepick=AU</a>

## Additional Study References:

Scripting for VuGen 9.0 (VG90WEB-COURSE-01) training course

LoadRunner user's guide

LoadRunner installation guide

LoadRunner ReadMe and What's New

## Exam Registration

This is a performance-based exam.

Click here for more information <http://www.hp.com/certification/pbedetails.html>

## Sample Exam Items:

What provides you with the level of activity associated with each business process during each hour of a typical work day?

- A. Conceptual goals list
- B. Business process profile
- C. **Task distribution diagram**
- D. System configuration diagram

When would you need to perform path translation for a scenario execution?

- A. When you use Storage Area Network (SAN) to store the scripts and results
- B. When you can use the Universal Naming Convention (UNC) for accessing the shared network drive being used to store scripts and results
- C. When the scripts and results are configured to be stored on the current Vuser machine
- D. **When the shared network drive being used to store results and scripts is mapped to a different drive letter on the Controller versus the Load Generator**

You executed a load test using scripts running on load generators placed at various points on the network. You need to determine the response times by load generator for the scenario run. Which features (used independently) within the Analysis tool, can help you accomplish this? (Select two.)

- A. Auto correlate
- B. Merge graphs
- C. **Set filter**
- D. Cross with result
- E. **Drill down**

## Conclusion

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