



HP Certified Professional Scripting using HP Virtual User Generator Software – HPO-M83 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, Scripting using the HP Virtual User Generator Software. In this guide, you will find recommended HP training courses, reference and study materials to 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's Virtual User Generator 9.0 tool to create Vuser scripts. We recommend participants have at least one year of on-the-job training with VuGen before taking this exam. Examples of job roles:

- § Consultant
- § Certified training instructor

Certification requirements

Scripting using the HP Virtual User Generator Software exam is the 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: 60
- n Item types: multiple choice and performance-based
- n Time commitment: 3 hours
- n Percentage Required to Pass Exam: about 70 percent
- n Reference Material: No hard copy reference material will be allowed at the testing site. A virtual lab that contains VuGen 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 VuGen 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: Script recording and configuration

Section II: Script playback and configuration

Section III: Script enhancement

Section IV: Advanced scripting

Section V: Performance-based activities

§ Custom parameterization and auto-correlation

§ Fix a broken script

§ Enhance a script

§ Create a fully functional Vuser script

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
VuGen 9.0 Scripting for the Web VG90WEB-COURSE-01	Registration: <ul style="list-style-type: none"> ✓ http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4314&sitepick=UK ✓ http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4314&sitepick=US ✓ http://merc-training.cce.hp.com/main/training/course_details.cfm?Course=4314&sitepick=AU Study Summary: <ul style="list-style-type: none"> ✓ http://merc-training.cce.hp.com/main/get_file.cfm?code=4438&file=VG90WEB-O-01.pdf&sitepick=UK ✓ http://merc-training.cce.hp.com/main/get_file.cfm?code=4438&file=VG90WEB-O-01.pdf&sitepick=US ✓ http://merc-training.cce.hp.com/main/get_file.cfm?code=4438&file=VG90WEB-O-01.pdf&sitepick=AU

Additional Study Reference:

- VuGen Scripting for the Web training course books
- LoadRunner User's Guide
- LoadRunner Function Reference

Exam Registration

This is a performance-based exam.

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

Sample Exam Items:

When is the recording option “reset context for each action” under HTTP Properties > Advanced required?

- A. When simulating multiple users within a SAP script
- B. For URL scripts with multiple action blocks, to set the context
- C. For HTML scripts, with multiple action blocks, to clear the cache
- A. Before executing an action, to clear script variables and counters

You want to print the last value used by a certain parameter (updated each iteration) into the output regardless of whether your script stopped because of an error or was successful. Where would you add this line?

- A. vuser_init
- B. vuser_end
- C. start of the first action in the run block
- D. last line within the last action in the run block

Your application web server uses NTLM login to authenticate users. Which function allows you to handle the authentication dialog box?

- A. Imap_logon
- B. web_set_user
- C. smtp_logon_ex
- D. radius_authenticate

Conclusion

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