



Web Performance Load Tester

**THE MOST COMPREHENSIVE, POWERFUL, ACCURATE,
AND AFFORDABLE WEB LOAD TESTING TOOL ON THE MARKET!**

Web Performance Load Tester™ offers you all the essential advanced features of a web load testing tool within an easy-to-use interface. It allows you to capture the activity of thousands of virtual users on your web application and playback complex testcases while changing the simulation settings dynamically. The tool generates reliable and usable measurements that you can easily export for processing and analysis.

What makes Performance Load Tester™ stand out from the competition? Accuracy, usability, price and great tech support!

Key Performance Questions

All web applications have performance and service goals. And every day, developers work to achieve the benchmarks defined in their design specs. But how realistic are those design requirements in the first place? And how do you reliably test an application's performance against your goals?

Performance measurements should reflect as precisely as possible the actual demands of real users. Upstream web load testing is essential and helps guarantee optimal performance of your web application during peak periods.

Straightforward Answers

Web Performance Load Tester™ is designed to answer to key performance questions, such as:

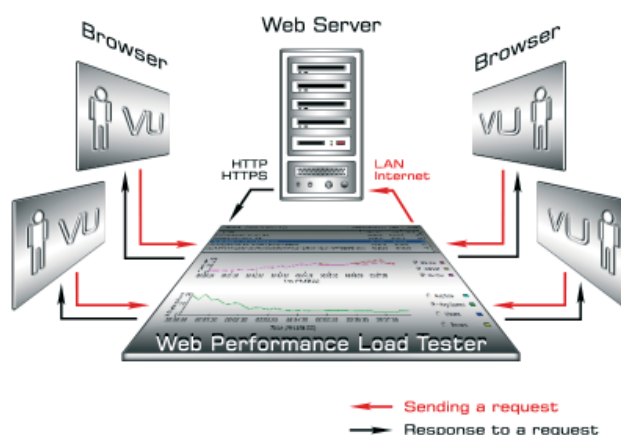
- How many users can my web site handle?
- Which are the slowest web pages?
- Does my site crash under load?
- How many hits/sec. can my web site serve?
- What's my site's bandwidth requirements?
- How can I increase the performance of my web application?...

How Does It Work?

Web Performance Load Tester™ is a web load and stress testing tool that uses benchmarks to test a web application's capacity in terms of number of users and workload demand. It also helps developers define the infrastructure needed to achieve desired performance levels.

Designed to be up and running in only a few minutes, Web Performance Load Tester™ gives you an accurate picture of your application's performance in less than one hour. Once you complete a short, basic setup, testcases can be played and replayed allowing you to track how backend changes impact overall performance.

By reviewing your recorded test scenarios, you can easily see exactly what happened between the browser and the server and thus pinpoint bottlenecks.



Web Performance Load Tester™ is placed between the client browser and the web server

⇒ Measurements of the HTTP/HTTPS transactions are sent back to the web server in response to client requests

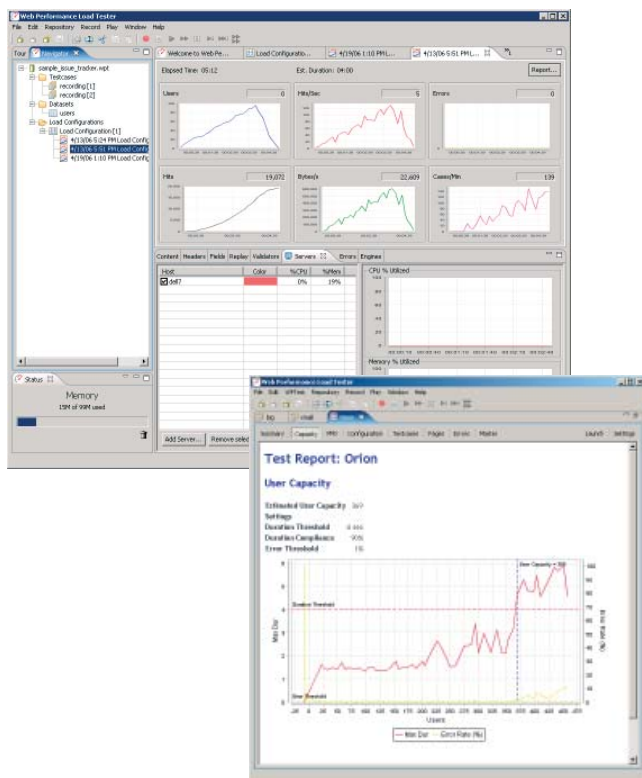
⇒ All interactions are recorded for analysis of bottlenecks between the browser and the server

Powerful and Easy to Use

Web Performance Load Tester™ offers an intuitive interface that allows access to all the advanced features from one streamlined application window. The GUI allows you to:

- record a testcase (by browsing the web application as a user would),
- set the simulation settings (bandwidth, incrementing of the users...),
- simulate the testcases (with the ability of scheduling a performance test),
- display all the details of the statistics produced by the tool (datas and charts).

The wizards are an invaluable resource as they can detect and configure your testcases for different password-protected usernames. The wizards also provide easy set-up of session tracking and dynamic variables, and can be re-run at any time.



Technical Environment

Browsers: Internet Explorer, Netscape, Firefox, Mozilla, Konquerer, Opera...

Platforms: Windows (NT/2000/2003/XP), Solaris, Linux

Compatible products:

Web Servers: Apache, IBM WebSphere, Microsoft IIS, .NET, Sun iPlanet, Tux...

Application Servers: BEA WebLogic, ColdFusion, Enhydra, IBM WebSphere, .NET, Sun iPlanet, Tomcat...

Technologies: ActiveX, Applets, ASP, C#, Servlets, EJB, JSP, PHP...

Incompatible products: WebObjects and Oracle Forms

Features

Modem Simulation: each virtual user can be bandwidth limited.

Realistic Browser Simulator: sending requests to the web server and reading back the reply (including error parsing), simulation of the Think Time, users with unique IP addresses, opening of the necessary number of socket connections.

Ramping Load Generation: dynamic incrementation of virtual users (VU).

Use Case Modeling: specification of transactions that are unique to your business.

Complex Testing: ability to run multiple testcases at the same time, each with different characteristics.

Testcase Recording: creation of testcases by simply browsing the web site with the recording of all data sent to and from the web server (form variables, usernames and passwords, etc.).

3 Levels of Statistics: transaction, web page and URL.

Dynamic Session Handling: automatic detection and configuration of the type of session tracking in use.

Authentication: support of most of the authentication techniques (forms, basic authentication, SSL client certificates and NTLM), automatic detection and configuration of the authentication in use.

Runtime Data Replacement: authorization, URL parameters, form fields, any header field.

Runtime Test Feedback: monitoring of the statistics (total hits, hits/sec., bytes/sec., testcases executed/min., total errors, active virtual users) and the remote playback engines (number and status) during the playback.

Multiple Playback Machines: option of generating virtual users from a single machine or distributing this task among any number of computers.

Load Balancing: automatic detection at runtime of your test computer's capabilities and adjustment of the test accordingly.

SSL Support

Automatic Reporting Output: Baseline Performance analysis for Testcases and for Load Test Configurations, and Load Test Results reports

Graphing: graphing capabilities that allow any parameter to be graphed at any level.

Data and Chart Export: as .csv or .png to be exported in most of the desktop applications.



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