

ORACLE LOAD TESTING SUITE FOR ORACLE APPLICATIONS

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KEY FEATURES

- Automates testing of the most complex Oracle packaged and Web applications with robust test scripts
- Integrated support for EBS, Siebel, Fusion applications, JD Edwards EnterpriseOne, Peoplesoft and HyperionBrowser time simulation by allowing functional testing with load scripts
- Simulates hundreds to tens of thousands of users while minimizing the test hardware required
- True cloud based load testing support
- Gathers critical application and infrastructure performance metrics to identify bottlenecks
- Automatic hardware resources estimation for load test scenarios allows testers to estimate the required hardware.
- Scalable enterprise architecture built on WebLogic Server and Oracle Database
- True Cloud support together with Oracle Enterprise Manager 12c Cloud Control
- Integrates with Enterprise Manager to analyze middleware and database performance diagnostics under load
- Provides integrations to ADDM and AWR reports from Oracle Load Testing console
- Enables automatic generation of load test scripts from Real User Experience Insight
- Supports Linux and Windows platforms

KEY BENEFITS

- Maximizes application performance by allowing developers to test and tune the application under peak load conditions
- Improves application response times by quickly identifying and addressing bottlenecks
- Pinpoints hard-to-find bottlenecks in the back-end application infrastructure
- Provides deep diagnostics information and suggestions on how to address database related issues through the Diagnostics pack for Oracle Enterprise

Oracle Load Testing Suite for Oracle Applications is the fastest way to ensure the quality of your Oracle packaged applications as well as your custom built Web applications. It is a powerful and easy-to-use load and performance testing tool that allows you to automate your testing processes. OpenScript, an integrated scripting platform for load and functional testing, cuts test scripting time in half, eliminating weeks from a project's testing schedule. Oracle Load Testing Suite for Oracle Applications is a component of Oracle Application Testing Suite, the centerpiece of the Oracle Enterprise Manager solution for comprehensive testing of packaged, Web and service-oriented architecture-based applications.

Testing with Oracle Load Testing Suite for Oracle Applications

Oracle Load Testing Suite for Oracle Applications is the easiest way to validate the performance and scalability of your Oracle packaged applications, web applications and web services. It can simulate thousands of virtual users accessing the application simultaneously and measures the effect of the load on application performance, without requiring a substantial hardware investment.

Oracle Load Testing for Oracle Applications includes optimized testing accelerators for Oracle packaged applications like: Oracle E-Business Suite, Siebel, JD Edwards, Peoplesoft, Hyperion and Fusion (ADF) applications provide more efficient and optimized performance tests for your Oracle applications. The testing accelerators for Oracle E-Business Suite and Siebel includes Test Starter Kits with pre-build scripts that can be used to speed up the testing process by either utilizing these pre-build scripts directly or by viewing them as templates while designing your own scripts.

The realistic usage scenarios that you can configure in Oracle Load Testing Suite for Oracle Applications can handle even the most complex applications. By enabling virtual users to simulate many different end user parameters (including configurable browser types, connection speeds, and think times), testers can stress their application just like real users will to understand exactly how the application will scale under peak load conditions. Oracle Load Testing Suite for Oracle Applications virtual users can generate multithreaded browser requests while performing rigorous functional validation under load conditions—validation that protocol-based, legacy client server testing tools cannot provide.

Easy to use and accurate, Oracle Load Testing maximizes your application performance by giving you the ability to test and tune your application under peak load conditions.

It is possible for testers to combine traditional protocol based load test scripts with GUI based functional test scripts in order to understand not only the server response times but also the browser time that users will experience while using the application under test.

Web-Based Interface

Oracle Load Testing Suite for Oracle Applications is deployed on the Oracle WebLogic Server and its intuitive Web-based interface allows you to configure your load test scenarios and provides graphs and reports that enable testers to analyze application performance during

Edition databases

- Reduces testing time by enabling viewing and sharing of real-time test results via the Web
- Elastic resource requests in private Enterprise Manager clouds.

a load test. From any Web browser, users can easily configure load tests, set up server monitors, run tests, and view real-time and post-run results. Oracle Load Testing Suite for Oracle Applications helps distributed teams reduce the time and complexity of live load tests by enabling collaborative testing, so distributed users can view and analyze results from the same running load test in their own browser. It promotes team interactions for more productive analysis, diagnostics, and tuning during the entire live test process.

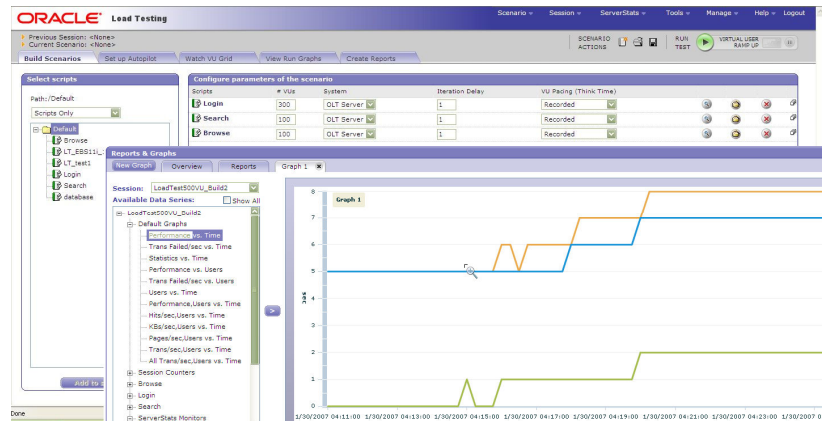


Figure1. Oracle Load Testing Suite for Oracle Applications: Load and performance testing

Infrastructure Performance Monitors

Oracle Load Testing Suite for Oracle Applications also offers a comprehensive set of infrastructure performance monitors that record in-depth performance metrics of Web servers, application servers, databases, and other infrastructure components during the load test. When this information is combined with the performance results gathered by the virtual users, developers have the information needed to analyze and ensure optimal application performance during and after test execution.

Enterprise Manager customers can also use Oracle Load Testing Suite for Oracle Applications in conjunction with application middleware and database diagnostics in Enterprise Manager, to get deeper insight into application performance under load. Users can link from their load test sessions in Oracle Load Testing to middleware and database targets in Enterprise Manager so they can analyze J2EE performance diagnostics as well as database diagnostics through access of the ADDM and AWR reports during their load test.

Oracle Load Testing Suite for Oracle Applications allows you to create customized post-run reports on the results of your load tests. These historical reports let you compare the results of multiple load test sessions and correlate virtual user response times with performance statistics collected from the various tiers of the application infrastructure, to identify and diagnose performance bottlenecks.

Cloud-based Load Testing

The Oracle Enterprise Manager Cloud Control 12c integration offer true cloud load testing in a private cloud with elastic load testing agent resource allocation. If configured, the Oracle Load Testing Suite for Oracle Applications controller can request new load testing agents to be started and automatically added to the load test during run time if the agents are running out of resources.

This is a truly elastic solution, allowing you to benefit from cloud technology.

RELATED PRODUCTS

Oracle Load Testing delivers maximum benefits when used with the following Oracle products

- Oracle Application Testing Suite Testing Accelerator for WebServices
- Oracle Load Testing Accelerator for Oracle Database
- Oracle Functional Testing Suite for Oracle Applications
- Oracle Database Diagnostics Pack
- Oracle Enterprise Manager

Ensuring Application Performance

Oracle Load Testing Suite for Oracle Applications enables you to make critical decisions about system architecture, tuning, and hosting alternatives. It leverages Application Testing Suite's OpenScript integrated scripting platform for creating load test scripts that automate complex business transaction. This integrated scripting platform provides a unique combination of ease-of-use and flexibility through its intuitive graphical scripting interface and powerful Java IDE for extending scripts at the code level. It also provides custom capabilities for testing Oracle databases and SOA applications through its integrated testing accelerators. Load test scripts can also be automatically generated in OpenScript from Oracle's Real User Experience Insight (RUEI) product and these scripts are based on actual live Web user sessions with the application captured by RUEI or by importing production workload capture files from Oracle Real Application in order to do synthetic load testing against database targets.

Oracle Load Testing Suite for Oracle Applications pinpoints bottlenecks that could limit performance and cause application slow-downs. It provides a fully Web-based user interface for configuring and running load tests and integrated performance diagnostics for monitoring application infrastructure during a load test to identify bottlenecks. Oracle Load Testing Suite for Oracle Applications also enables multi-user collaboration by allowing testers to view and share real-time results during load test execution through their browser. With the ability to tune your application under peak load conditions prior to deployment, you can ensure the health of critical business applications that drive your revenue.

Contact Us

For more information about ORACLE LOAD TESTING, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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