SAP Information Sheet
Solution Extensions | SAP LoadRunner by HP

Improve the Efficiency and Effectiveness of Your Enterprise Software

To support success in a dynamic and complex environment, your enterprise software must adapt to changing business processes and greater demand from end users and applications. The SAP® LoadRunner application by HP helps facilitate and optimize your business processes – and your daily operations – by validating the performance of enterprise applications with rigorous load testing.

Summary
The speed of business demands that enterprise applications run optimally to support dynamic processes and changing demand levels. The SAP® LoadRunner application by HP validates software effectiveness with thorough, efficient load testing, while keeping projects on time and within budget. With SAP LoadRunner, you can test applications, make fixes quickly with deep diagnostics, and retest and compare to previous performance before going live with new functionality.

Business Challenges
- Optimize software to support dynamic processes and levels of demand from end users and applications
- Facilitate scripting through Web 2.0 technologies
- Validate application effectiveness

Key Features
- **Business process definition** – Evaluate operations and determine optimum hardware and software platforms
- **Deep diagnostics** – Discover root causes of performance issues quickly and confidently
- **Virtual users and script development** – Free technical resources with faster, easier scripting to simulate user load on specific processes
- **User load expansion** – Increase virtual user load to simulate peak load requirements
- **Evaluation and modification** – Measure simulated performance against key performance indicators and recommend changes
- **Retesting and validation** – Rerun test scripts in modified environments to validate effectiveness of changes

Business Benefits
- **Increase efficiency and cut development costs** by rigorously testing applications before going live
- **Improve flexibility** to adapt to changing business processes by reducing slowdowns in development
- **Reduce risk of software failure** at times of peak demand with thorough, efficient load testing and validation

For More Information
To learn more about SAP LoadRunner, contact your SAP representative or visit us online at www.sap.com/solutions/solutionextensions/loadrunner/index.epx.

www.sap.com/contactsap

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Enterprise applications must perform at optimal levels to support dynamic business processes and demand from increasing numbers of end users and applications. With emerging mobile technologies and global application availability, going from 1,000 system users to 100,000 or more can happen overnight. The SAP® LoadRunner application by HP helps validate the effectiveness of your software with thorough, efficient load testing. With it, you can test applications, make fixes, and retest before functionality is rolled out to end users – on time and within budget.

FASTER SCRIPTING WITH WEB 2.0 TECHNOLOGY

Many of today's Web applications are developed using Web 2.0 technology, with its advanced tools for building dynamic, interactive applications. But the flexibility and power of these tools means that they are inherently complex. SAP LoadRunner can help you get a handle on Web 2.0 technology and take advantage of its tremendous potential.

SAP LoadRunner includes an innovative, browser-based virtual user generator that supports simple Web applications, as well as modern, JavaScript-based applications built with virtually any available AJAX toolkit. The application makes scripting much easier – so you can use nontechnical or novice testers for scripting. Faster, more efficient scripting significantly reduces test cycle time and frees up technical resources to focus on tasks such as test execution and analysis.

INTEGRATED FUNCTIONALITY

With thorough, integrated diagnostic and validation functionality, you can reduce slowdowns in development schedules and cut associated costs. SAP LoadRunner enables IT project teams throughout the validation process.

Define Business Processes

IT project teams can determine the best hardware and software platforms to use, based on the operations of specific business processes.

Develop Scripts

Teams can develop test scripts for virtual users that represent the activities of real end users. The scripts simulate navigation through screens and entries used in actual operations.

Expand the User Load

Teams can simulate dynamic business requirements by increasing the virtual user load to represent peak loading requirements. For example, retailers can make sure that Web-commerce applications can handle event-based peak loads for sales or new product releases, as well as seasonal loads during holiday shopping periods.

Evaluate Results

The application measures simulated performance against key performance indicators and recommends changes to the related enterprise software.

Retest to Validate

Once changes have been made, tests are run again to validate the effectiveness of proposed changes.

FLEXIBLE TO SUIT YOUR NEEDS

SAP LoadRunner scales from small to large environments supporting tens of thousands of users. The application measures the full performance of business processes, including processes among enterprises, as is typical in supply and demand chain activities.

YOUR BUSINESS BENEFITS FROM EFFICIENT SOFTWARE

With SAP LoadRunner, you can improve operational efficiency by thoroughly testing applications before they are deployed. You can reduce the risk of software failures during peak demand times and enhance your ability to plan, deliver, and benefit from new business processes.

FIND OUT MORE

To learn more about SAP LoadRunner, contact your SAP representative or visit us online at www.sap.com/solutions/solutionextensions/loadrunner/index.epx.