



HP diagnostics software

Solution brief



HP diagnostics software isolates application-performance problems and reduces the mean time to resolution (MTTR) of your application performance bottlenecks. It provides actionable information to resolve performance problems.

Meet the challenges of testing complex applications

Are you worried about whether service-oriented architecture (SOA) and composite applications will make performance testing a nightmare? Do you fear quality assurance (QA) will sign off on a poor-quality application? Does it seem to take forever to track down the cause of performance problems in composite applications?

HP diagnostics software extends HP LoadRunner software and HP Performance Center software to address the unique challenges of testing complicated J2EE and enterprise resource planning (ERP) and customer relationship management (CRM) applications across the application lifecycle. With HP diagnostics software, you can:

- Find and solve more problems earlier in the lifecycle
- Achieve higher quality by finding the most common application problems before applications go live
- Collect concrete data to support decisions to go live with an application
- Manage and monitor applications after they have gone live with role-based visibility to solve problems quickly

View relevant diagnostics

The customizable dashboard displays relevant diagnostics parameters for the test scenario that is running.



How HP diagnostics software works

During a performance test, HP diagnostics software traces J2EE, .NET, ERP and CRM business processes from the client side across all tiers of the infrastructure. The modules then break down each transaction response time into time spent in the various tiers and within individual components. You gain:

- An intuitive, easy-to-use view of how individual tiers, components, memory and SQL statements impact overall performance of a business process under load conditions. During or after a load test, you can inform the application team that the application is not scaling and provide actionable data to them.
- The ability to triage and find problems effectively with business context, enabling teams to focus on problems impacting business processes.
- The ability to more easily find components relevant to a specific business process under test. Because J2EE, ERP and CRM applications potentially use thousands of components, this can be a challenge. HP diagnostics software automatically detects which components are "active" when a given transaction is executed, and

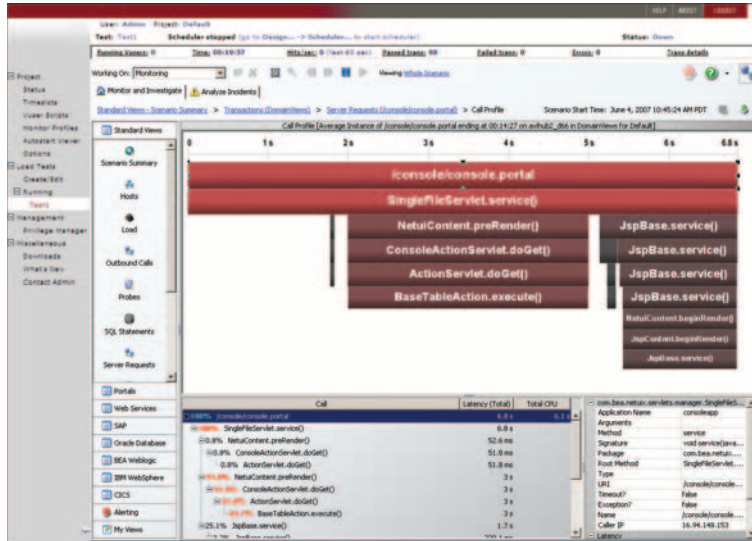
collects data on them for analysis. Components untouched by the business process are filtered out, letting you focus on getting the job done, not configuring the system.

Key features and benefits

- Drills down from slow, end-user transactions to the bottlenecked component, method or SQL statement, helping to solve memory, exception and other common problems
- Automatically detects all components touched by a business process and traces them with no user intervention
- Provides complete application visibility across the application lifecycle, enabling higher application quality when applications go live
- Reduces mean time to resolution (MTTR) in your J2EE, .NET, ERP or CRM (Siebel, Oracle, PeopleSoft or SAP) environment
- Integrates fully with HP Business Availability Center software, HP LoadRunner and HP Performance Center

Find problems easily

The detailed call tree pinpoints the exact slow method within the J2EE or .NET call stack.



Integrated with HP Business Availability Center and HP Performance Center

HP diagnostics software is integrated with HP Business Availability Center and HP Performance Center.

- HP Business Availability Center is an integrated set of capabilities and best practices for monitoring and managing business applications and systems.
- HP Performance Center is an integrated set of capabilities and best practices for automating key performance activities, including load testing, performance tuning, application diagnostics and capacity planning.

Supported platforms

- WebSphere, WebLogic, Oracle 10g, SAP Web Application Server, JBoss, Tomcat, Sun ONE, ATG, Borland ES, FUJITSU Interstage, Tmax Soft JEUS, .NET 1.1, .NET 2.0
- WebSphere Portal Server, WebLogic Portal Server, SAP Enterprise Portal, Oracle 11i applications, Siebel

HP Services

Get the most from your software investment.

HP provides high-quality software services that address all aspects of your software application lifecycle needs. With HP, you have access to standards-based, modular, multi-platform software coupled with global services and support. The wide range of HP service offerings—from online self-solve support to proactive mission-critical services—enables you to choose the services that best match your business needs.

For an overview of HP software services, visit www.managementsoftware.hp.com/service.

To access technical interactive support, visit Software Support Online at www.hp.com/managementsoftware/services.

To learn more about HP Software Customer Connection, a one-stop information and learning portal for software products and services, visit www.hp.com/go/swcustomerconnection.

A complete solution

Comprehensive training

HP provides a comprehensive curriculum of HP Software and IT Service Management courses. These offerings provide the training you need to realize the full potential of your HP solutions, increase your network efficiency and responsiveness, and achieve better return on your IT investments.

With more than 30 years experience meeting complex education challenges worldwide, HP knows training. This experience, coupled with unique insights into HP Software products, positions HP to deliver the optimum training experience. For more information about these and other educational courses, visit www.hp.com/learn.

The smartest way to invest in IT

HP Financial Services provides innovative financing and financial asset management programs to help you cost-effectively acquire, manage and ultimately retire your HP solutions. For more information on these services, contact your HP sales representative or visit www.hp.com/go/hpfinancialservices.

Contact information

To find an HP Software sales office or reseller near you, visit www.managementsoftware.hp.com/buy.

© Copyright 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit: www.hp.com/go/software

4AA1-1469ENW, June 2007

