Overview
Symantec i3 software provides application performance management from URL to SQL. It breaks down response time by tier, helping to determine how one application component is affecting the performance of another. IT organizations can isolate slowdowns on the problematic tier and follow the problem in context to another tier for resolution.

The Web platform has become the de facto standard for deploying business applications. More than ever, organizations need specialized data collection and analysis capabilities to make sure that new applications scale properly and meet service level expectations. Symantec i3 for Web Applications is a comprehensive application performance management solution for Web 2.0 and Service Oriented Architecture (SOA) applications that helps you detect, communicate, and correct performance problems in an application before your business is affected.

Symantec i3 for Web Applications addresses the need to optimize application performance during the development, testing, and production phases of the application lifecycle and can be shared by all stakeholders involved. Whether your Web application is running on Microsoft® .NET or Java™ Platform, Enterprise Edition (Java EE) application servers, i3 uses special collectors to gather performance and availability data. In addition, it provides visibility into interactions between Web clients and Web servers.

Benefits
• Review current and historical performance data from Web clients, Web servers, Microsoft .NET, or Java EE.
• Correlate activity across Web servers, multiple application servers, and databases.
• Take advantage of SmarTune™ technology, which automatically drills down, analyzes, and provides expert advice.
• Use flexible instrumentation to automatically discover and instrument application components to maximize visibility and minimize overhead.
• Understand response time contributions from various application components.
  – For .NET: ASP.NET, ADO.NET, Web services, XML, Windows Forms, .NET Remoting, and more
  – For Java EE: JavaServer Pages (JSP), Java Servlets, Java Database Connectivity (JDBC), Enterprise JavaBeans (EJB), Java Message Service (JMS), XML, Web services, and more
• Correlate statistics from the Web server and the operating system.
• Visually manage the health of your Web application by monitoring memory, CPU, threads, and more.
• Quickly isolate SQL statements generated by Web applications that are causing problems, and then continue performance analysis in the database using Symantec i3 for Databases and Storage.
Data Sheet: Application Performance Management
Symantec i³ for Web Applications

• Build a dashboard view specific to the role of your administrator (Java EE, .NET, or Web admin).

• Get an executive view of application health via the dashboard.

• Visually manage Service Level Agreement (SLA) compliance per instance, service request, or business transaction.

• Monitor and measure Web services in SOA environments.

• Help ensure that the presentation and business logic layers of the application are performing to service level expectations.

• Isolate and focus on business-critical transactions.

Features

Optimize infrastructure performance

Today’s Internet-enabled applications demand peak performance, especially under burst loads, when business consequences are greatest. Multi-tier architectures centered on application servers provide the functionality needed to meet that demand. Symantec i³ for Web Applications includes specialized features to help ensure that your IT infrastructure measures up to business requirements and supports growth.

Instantly detect performance bottlenecks

Symantec i³ combines an in-depth knowledge of your Web application with expert system technology to instantly isolate the root cause of performance problems and recommend actionable advice on how to correct them. Companies with limited practical expertise in deploying Web applications into production can immediately benefit from problem-solving SmarTune intelligence. With a single mouse click, QA and production environments can quickly identify and resolve performance problems, taking advantage of capabilities that were once the sole domain of engineering and development groups.

Identify and instrument hot spots automatically

The unique, patent-pending Adaptive Instrumentation tool for Java EE and dynamic instrumentation for .NET help ensure that all of an application’s hot spots are identified and instrumented automatically. Development, QA, and production teams no longer have to spend days or weeks trying to isolate Web application problem areas. Symantec i³ instrumentation automatically maps various application components and then adjusts and learns as changes are made to the application. This promotes maximum visibility with the lowest possible overhead.
Customize the data display
Communicating problems efficiently helps speed the time from problem detection to correction. Symantec provides a customizable operational dashboard where users can define the metrics they want to see (such as Response Time, Work Time, and JVM Status) and organize and display them on multiple user-defined tabs. The dashboard is role based, providing different views to each user, and portlet based, allowing users to consolidate information from their own JSR 168–compliant portlets into a single view.

Correlate performance counters
Symantec i³ for Web Applications collects various performance counters and helps correlate the collected metrics with actual activity. This correlation makes it easy to place the response time for an application in the correct context. For example, you can use it to associate an irregular service request response time with garbage collection activity, possibly indicating a need for additional memory. For Java EE applications, Symantec i³ can collect Java Management Extensions (JMX) metrics in addition to those gathered by byte code instrumentation (BCI).

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System requirements

Web servers
- Apache 1.3.6 or later
- Apache 2.x
- Sun™ iPlanet 4.1 or later
- Sun iPlanet/SunONE/Sun Java System Web Server (JSWS) 6.0 or later
- Microsoft IIS 4.0 or later
- Netscape 3.6 or later
- IBM WebLogic 6.1 or later
- IBM WebLogic 8 or 8.1

.NET
- Microsoft .NET Framework
- Applications written in C# or VB.NET
**Operating systems**

- Sun Solaris™ (for Java EE)
- IBM AIX® (for Java EE)
- HP-UX® (for Java EE)
- Linux® on Intel® based systems (for Java EE)
- Microsoft Windows® 2000, Windows XP, or Windows 2003

**Java EE application servers**

- BEA WebLogic
- IBM WebSphere
- Oracle® 9iAS or 10gAS
- JBoss
- Tomcat
- Macromedia JRun
- Sun iPlanet
- Sun Java Enterprise System (JES)
- ATG Dynamo
- Resin
- JEUS

**More information**

**Visit our Web site**

www.symantec.com/i3

**To speak with a Product Specialist in the U.S.**

Call toll-free 1 (800) 745 6054

**To speak with a Product Specialist outside the U.S.**

For specific country offices and contact numbers, please visit our Web site.

**About Symantec**

Symantec is a global leader in infrastructure software, enabling businesses and consumers to have confidence in a connected world. The company helps customers protect their infrastructure, information, and interactions by delivering software and services that address risks to security, availability, compliance, and performance. Headquartered in Cupertino, Calif., Symantec has operations in 40 countries. More information is available at www.symantec.com.

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