IBM

Tivoli software

IBM Tivoli Composite Application Manager Basic for WebSphere

Highlights

- Simplify management of complex IBM WebSphere-based J2EE applications

- Detect and analyze WebSphere performance issues, using real-time and historic data to maintain high levels of uptime and responsiveness

- Get up and running quickly with an intuitive, easy-to-install solution that lets you monitor applications dynamically

- Create reports that deliver insight into performance trends

- Easily upgrade to a more powerful product as your application management needs grow

Establish an application management solution for high availability and performance

Today's dynamic on demand business depends on an array of complex applications. Traditional tools that monitor individual resources typically cannot solve application performance and availability problems. As a result, operations and development teams waste countless hours trying to identify, isolate and fix these problems. Poorly performing complex applications can have serious financial consequences on top- and bottom-line results of the business.

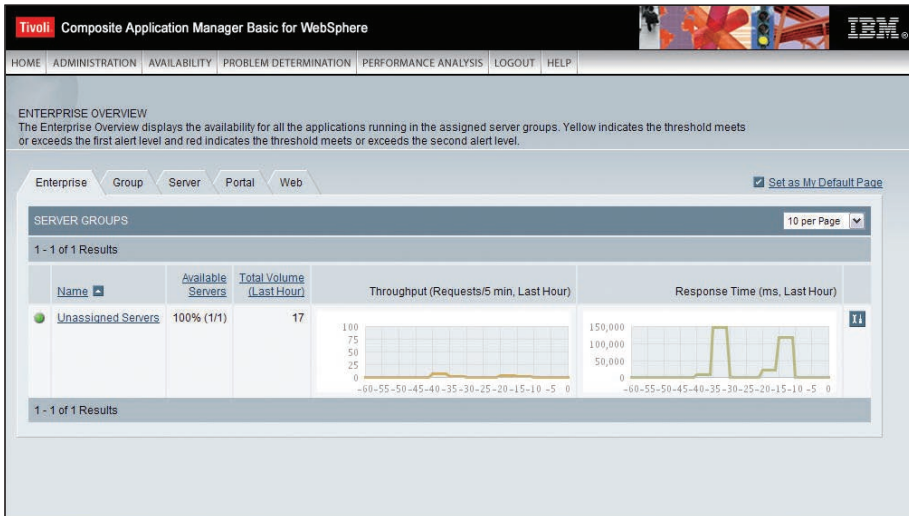**Detect and repair problems before they impact users**

IBM Tivoli® Composite Application Manager Basic for WebSphere® can help you maintain the availability and performance of your WebSphere applications. A self-contained monitoring solution, the cost-effective Tivoli Composite Application Manager Basic

for WebSphere software provides a comprehensive view into IBM WebSphere Application Server and the behavior of WebSphere applications. Part of the IBM Tivoli family of application management solutions, Tivoli Composite Application Manager Basic for WebSphere helps you pinpoint the source of bottlenecks or other defects in application code, server resources or external system dependencies.

Tivoli Composite Application Manager Basic for WebSphere helps you rapidly identify and fix performance problems before they impact customers and other end users. The end result? You can keep your business running smoothly — to help meet customer demands for exceptional service around the clock and around the world.

Jump-start deployment and operation of your monitoring infrastructure

You can get Tivoli Composite Application Manager Basic for

Middleware is Everywhere | **Can you see it?**

Enterprise overview lets you see how your environment is functioning.

WebSphere up and running quickly, thanks to an embedded installer that automatically deploys an IBM DB2® and WebSphere Application Server infrastructure. Tivoli Composite Application Manager Basic for WebSphere also includes a robust online help tool that makes the software intuitive and easy to learn — while explaining complex performance metrics to nontechnical users.

Monitor, manage and help enhance performance

Through a set of diagnostic, reporting and analysis tools, Tivoli Composite Application Manager Basic for WebSphere makes it easier for you to monitor and manage WebSphere applications. By using the solution to

simplify application management, you help minimize support costs for finding and repairing problems that can result in downtime or slow time — to help achieve a rapid return on investment. Use the solution to help:

- Detect, analyze and repair WebSphere performance issues.
- Maintain high uptime, performance and responsiveness standards for distributed systems.
- Understand overall application health at a glance.

Simplify application management throughout the life cycle

Rather than require you to modify application code each time it cycles through a change process, Tivoli Composite Application Manager Basic for

WebSphere allows you to monitor newly deployed applications as soon as they become active. Out of the box, you can begin to correlate performance data and pinpoint hot spots in application code. Your organization benefits by delivering a simplified, lower-cost application management solution for your ongoing operational and support initiatives.

Uncover performance problems

To enable you to rapidly identify and resolve problems, Tivoli Composite Application Manager Basic for WebSphere includes a comprehensive set of management functions.

- View all in-flight J2EE™ transactions, isolating specific incomplete requests or focusing on those that take abnormally long periods of time to execute.
- Analyze problematic transactions both historically and in real time, and drill down into the details.
- Analyze resource consumption patterns, perform trends or historical analysis, and plan for future growth.

Easily upgrade to a more powerful product

As your application management needs grow and more sophisticated functions are required, Tivoli Composite Application Manager Basic for WebSphere can easily be upgraded to the more powerful IBM Tivoli Composite Application Manager

for WebSphere product. The upgrade process allows you to scale up to new monitoring capabilities, without having to perform a "rip and replace" reinstall.

Capture vital information quickly through an easy-to-use, Web-based console

Built as a multitier monitoring infra-structure, Tivoli Composite Application Manager Basic for WebSphere consists of a J2EE-based managing server — the back-end component — and data collectors, or agents, which are deployed to each monitored server. The advanced data collector tech-nology parses each transaction and evaluates it based on user-defined criteria that help analyze the transaction and isolate performance issues.

The Web-based managing console displays rich, graphical WebSphere Application Server data and provides a single interface into all managed environments. The console represents data visually — using meters, bars, charts and buttons. And with dynamic monitoring that can be changed on the fly, you can adjust the granularity of the information that's displayed to suit the needs of the current situation. Many of the displays are hyperlinked or have drop-down menus to navigate to detailed views of performance data, making it easy for support teams,

subject-matter experts and developers to quickly diagnose and resolve perfor-mance problems.

View key performance metrics

Tivoli Composite Application Manager Basic for WebSphere delivers perfor-mance data to users in familiar, highly useable formats. Out-of-the-box reporting in Tivoli Composite Application Manager Basic for WebSphere enables users to analyze historical performance information and helps optimize application performance and resolve problems.

Tivoli Composite Application Manager Basic for WebSphere at a glance

Tivoli Composite Application Manager Basic for WebSphere is ready to be used against WebSphere applications and does not require the user to access or modify the application source code. Each license of Tivoli Composite Application Manager Basic for WebSphere can manage two Java™ Virtual Machines (JVM™).

Tivoli Composite Application Manager Basic for WebSphere system requirements

Monitored environments:

Data collectors are designed to monitor applications running on the WebSphere Application Server within the following environments:
- IBM AIX®
- HP-UX
- Linux®
- IBM OS/400®
- Sun Solaris
- Microsoft® Windows®
- zLinux

Managing server environments:

If you choose, Tivoli Composite Application Manager Basic for WebSphere can automatically install the WebSphere Application Server and DB2 database, which are included with, and used by, the product. The Tivoli Composite Application Manager Basic for WebSphere managing server can be installed on one of the following environments:
- AIX
- Red Hat Enterprise Linux
- Solaris
- Windows
- zLinux

Browser:
- Microsoft Internet Explorer

Tivoli Composite Application Manager Basic for WebSphere also works in conjunction with other IBM Tivoli Composite Application Management products to send low-level application trace data to IBM Rational® Eclipse–based developer tools, such as IBM Rational Application Developer. This provides application teams with live production intelligence to quickly access and fix application code, eliminating the need to recreate the problem at the developer's desktop. As your needs evolve, you can easily upgrade the product to Tivoli Composite Application Manager for WebSphere.

Leverage Tivoli software to keep business-critical applications running

The Tivoli composite application management solution can help optimize performance for J2EE, portal, service oriented architecture (SOA) and mainframe applications. It brings application problem diagnosis and performance optimization capabilities like capacity planning, configuration management and performance tuning to a complex, heterogeneous computing environment. Its integration with Rational tools helps businesses successfully monitor, diagnose and resolve problems through the IT life cycle by enabling operations,

support and development to manage application performance together as one team. Tivoli composite application management is also an integral part of IBM IT Service Management solutions that are designed to help deliver consistent, repeatable and measurable IT services based on a best-practices framework.

About Tivoli software from IBM

Tivoli software from IBM helps organizations efficiently and effectively manage information technology (IT) resources, tasks and processes in order to meet ever-shifting business requirements and deliver flexible and responsive IT service management, while reducing costs. The Tivoli portfolio spans software for security, compliance, storage, performance, availability, configuration, operations and IT lifecycle management, and is backed by world-class IBM services, support and research.

For more information

To learn more about Tivoli Composite Application Manager Basic for WebSphere and other integrated solutions from IBM, contact your IBM representative or IBM Business Partner, or visit **ibm.com**/tivoli