

IBM Software Demos

Tivoli Composite Application Manager Basic for WebSphere

Tivoli_Composite_Application_Manager_Basic_For_WebSphere_D_May06

1a [00:01] 22sec

Today's on-demand businesses increasingly rely on Web-based applications that perform complex transactions spanning multiple computing processes and resources. These composite applications are built by linking components from other applications, all performing separate tasks, and each representing a potential bottleneck or point of failure.

1b [00:31] 25sec

Traditional systems management tools are often unable to identify and diagnose the performance problems introduced by composite applications. The structure of applications has changed, and this change requires a new approach to application management. It also requires tighter integration between operations and development teams, who traditionally function as isolated units within IT organizations.

1c [01:04] 35sec

IBM Tivoli Composite Application Manager Basic for WebSphere provides a powerful set of tools that can help you improve the way you manage composite applications. This entry-level version of ITCAM (**pronounced I-T-CAM**) for WebSphere delivers real-time diagnostics of composite application performance, with operational and analytical views of all WebSphere resources. ITCAM Basic for WebSphere can help you detect application problems early in the development cycle, and it can significantly reduce the amount of time spent troubleshooting applications in production.

2a [01:45] 32sec

The Web-based console of ITCAM Basic for WebSphere provides a single, centralized view of your managed server environments. For IT operations staff, the console offers quick access to graphical displays of server activity and availability, system resource usage, and overall application health. For subject matter experts, the console can be used to identify and analyze slow-performing transactions, and it provides valuable insight into low-level application server behavior.

2b [02:24] 23sec

Because a composite application often depends on many applications and resources to deliver data and services, isolating performance problems presents a new challenge to the IT organization. Accurately reproducing such problems is costly and time-consuming, and development teams can find it impossible to uncover the true root cause of slow performance.

3a [02:53] 31sec

ITCAM Basic for WebSphere can also significantly reduce the time consumed by root cause analysis, and it can help eliminate the need for developers to reproduce problems. For example, when transaction response times increase unexpectedly, you can quickly access

IBM Software Demos

Tivoli Composite Application Manager Basic for WebSphere

comprehensive information about application server performance. If there are no obvious problems on a server -- as is the case here -- you can check for active requests that are either very slow or failing to complete.

3b [03:30] 20sec

By drilling-down and viewing a snapshot of an active transaction, an application developer can bypass the task of replicating the conditions that caused the problem. This snapshot provides the information a developer needs to accurately identify application errors and rapidly determine what specific changes are needed.

4a [03:58] 40sec

ITCAM Basic for WebSphere combines real-time visualization of application server performance with historical reporting of resource usage and transaction processing. All of the historical reports supplied out-of-the-box can be customized, so that IT operations can use them to evaluate resource consumption and anticipate service requirements, while developers can use them to pinpoint application problems. Understanding long-term patterns in application behavior helps you identify potential weaknesses, maximize your existing investments, and assist in planning for future growth.

[04:46] 23sec

As your enterprise evolves, and you require a new level of composite application management, you can easily upgrade from ITCAM Basic for WebSphere to the full version of ITCAM for WebSphere. Both versions use the same, easy-to-navigate console, and both can exchange information with quality assurance and development tools from IBM Rational.

[05:17] 24sec

Ultimately, the management solution you choose will be determined by the complexity of your environment and by the objectives of the individual groups within your IT organization. If you need a solution that provides deep visibility into transactions and can help you identify and resolve problems quickly, ITCAM Basic for WebSphere offers a cost-effective way for you to achieve your goals.