IBM WebSphere Application Server Version 5.0
Overview

As the foundation of the WebSphere[R] platform, IBM WebSphere Application Server Version 5.0 reinforces its reputation as the premier Java[TM] and Web services technology-based application platform integrating enterprise data and transactions with the dynamic e-business world. It provides a rich e-business application deployment environment with a complete set of application services including capabilities for transaction management, security, clustering, performance, availability, connectivity and scalability. It manages and integrates enterprise-wide applications while leveraging open technologies and application programming interfaces (APIs).

WebSphere Application Server Version 5.0 includes powerful Web services for interoperability across disparate application frameworks and business-to-business (B2B) applications, a rich set of open-standards implementations, and virtually any-to-any connectivity with transaction management and application adaptivity. Current enhancements solidify its role as the foundation of the WebSphere software platform:

IBM WebSphere Application Server V5 offers the following capabilities:

- Full J2EE (Java 2 Platform, Enterprise Edition) V1.3 compatibility including an enterprise-ready Java Messaging Service (JMS) provider based on market leading IBM WebSphere MQSeries[R] technology
- New packaging based on a single code base offers businesses choice of multiple deployment options from single server to clustered highly available high volume configurations
- Improved system management and administration via browser-based administration, JMX, UI, and XML configuration
- Tight integration with IBM WebSphere Studio a highly productive development environment built on Eclipse, the open systems development environment
- Improvements over the market leading performance offered by WebSphere Application Server V4 via additional distributed workload and enhanced caching capabilities
- Additional automation of distributed system management via centralized deployment manager and dynamic clustering capability for simplified administration of all clustered environments
- Improved integration with Tivoli Access Manager software for centralized, site-wide authentication and access control; and with open security programming interfaces (SPI's) for customers who want to write to these interfaces to support a third-party security solution.
- Broad cross-platform support

Specialized configuration options are also available for WebSphere Application Server Version 5.0, offering businesses the flexibility to choose how they want their infrastructure to respond to the dynamic marketplace.

What's New - Highlights

With WebSphere Application Server, Version 5, IBM is enabling customers to expand their business opportunity and productivity through a world class infrastructure ready for the next chapter in e-business. Version 4 made tremendous inroads in usability, connectivity, and performance that allowed customers to more easily deploy web applications as well as maximize the performance of those applications.

In WebSphere Application Server V5, IBM helps its customers to participate in the next chapter in e-business. The past five years of e-business were about Web-enabling content and applications. The next chapter is about dynamically integrating those applications with existing data stores, other applications, and Web services that exist in heterogeneous environments, in multiple programming models, and on different sides of firewalls.

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