

IBM @server Integrated Platform
for e-business



We've built the foundation. You build the business.

An infrastructure platform, designed for rapid deployment of e-business on demand solutions.



IBM @server Integrated Platform for e-business enables rapid deployment.

Do you need to bring your business to the Internet to enhance your competitiveness and respond to your customers' needs? If so, you face the challenge of putting in place an e-business infrastructure that gets you up and running quickly, one that delivers the high availability and fast performance your customers demand, and the security you require. And that's not all. The infrastructure you put in place today must be capable of growing with your success in the future and give you the agility to adapt quickly to changing business needs and a rapidly evolving technology environment. Building an infrastructure like that requires expertise that you may not have in-house. Even if you do, you may face long development cycles and resources that may be beyond your budget.

IBM has a solution—the IBM @server™ Integrated Platform for e-business—a family of fully architected and tested e-business platforms on which you can deploy dynamic e-business solutions. Each platform unites the components you need to get up and running quickly, including IBM @server systems running the Linux operating system, the market-leading WebSphere® Application Server, the industry-leading DB2 Universal Database™ (UDB) (optional) and a firewall

(optional). Because it is based on Linux, this deployment platform can propel you into e-business at a price you can afford.

IBM engineers have tested and optimized all the components. So you can enjoy the reliability, performance, scalability and security of a system designed by experts, without the delays and costs typically associated with developing such a system in-house. The IBM @server Integrated Platform for e-business is available in a range of configurations optimized for popular e-business workloads. You can choose the configuration best suited to your environment. The IBM @server Integrated Platform for e-business for IBM @server iSeries™, pSeries™ and xSeries® systems is offered by IBM Business Partners*, and provides customers with a means of rapidly deploying Linux-based e-business solutions on Intel® and Power processor-based platforms. This solution on IBM @server zSeries® systems enables customers to easily build Linux-based e-business instances on their mainframes, and is offered by both IBM and its Business Partners.

What's more, IBM and its Business Partners offer complete e-business solutions for the IBM @server Integrated Platform for e-business, enabling you to deploy solutions quickly and confidently. Let your competitors start from scratch, while you layer your value on a platform that has been designed by experts. Because this deployment platform is built on open and industry standards, you can throw off the shackles of proprietary solutions that lock you into a single vendor. You're free to implement the e-business solutions that best meet your organization's business needs, while at the same time positioning your organization for the future.

* And may also be obtained by customers who choose to leverage IBM's blueprint design.



Business process integration



Enterprise-level Web integration



On demand e-business operating environment

The fast track to on demand e-business

Quickly deploy an innovative e-business infrastructure that has been architected, tested and optimized by the leader in e-business innovation—IBM.

Simplify the task of defining an e-business platform by selecting from a family of standard configurations.

Run your e-business applications with confidence in a reliable, high-performance and highly secure environment.

Get to market fast with dynamic e-business solutions from IBM and its Business Partners.

Position your organization for the exciting new era of on demand e-business.

A comprehensive infrastructure

The IBM @server Integrated Platform for e-business unites the components you need for your e-business infrastructure.

IBM @server systems combine fast performance with rock-solid dependability. IBM @server systems incorporate IBM autonomic computing technologies that make them self-healing, self-configuring, self-protecting and self-optimizing. This dramatically increases reliability and availability. In addition, you are backed by IBM hardware and software maintenance provided by IBM Global Services around the world.

Enterprise version of Linux delivered directly by SuSE Linux AG provides a robust underlying operating system for the IBM @server Integrated Platform for e-business. Developed by an open community of developers, Linux has become the defacto standard for Web serving. Linux supports many microprocessors, servers and options, making it a flexible operating system.

IBM WebSphere Application Server is a high-performance and extremely scalable transaction engine for dynamic e-business applications. The open services infrastructure is designed to allow companies to deploy a core operating environment that works as a reliable foundation capable of handling high-volume, highly secure transactions and Web services.

IBM DB2 Universal Database provides the foundation for new levels of information integration. DB2® includes innovative self-managing and self-tuning database

technologies that help eliminate, automate and simplify data management tasks, helping to reduce the cost and complexity of managing next-generation e-business applications.

IBM Directory Server provides a powerful Lightweight Directory Access Protocol (LDAP) identity infrastructure that is the foundation for deploying Web services.

Complete e-business solutions

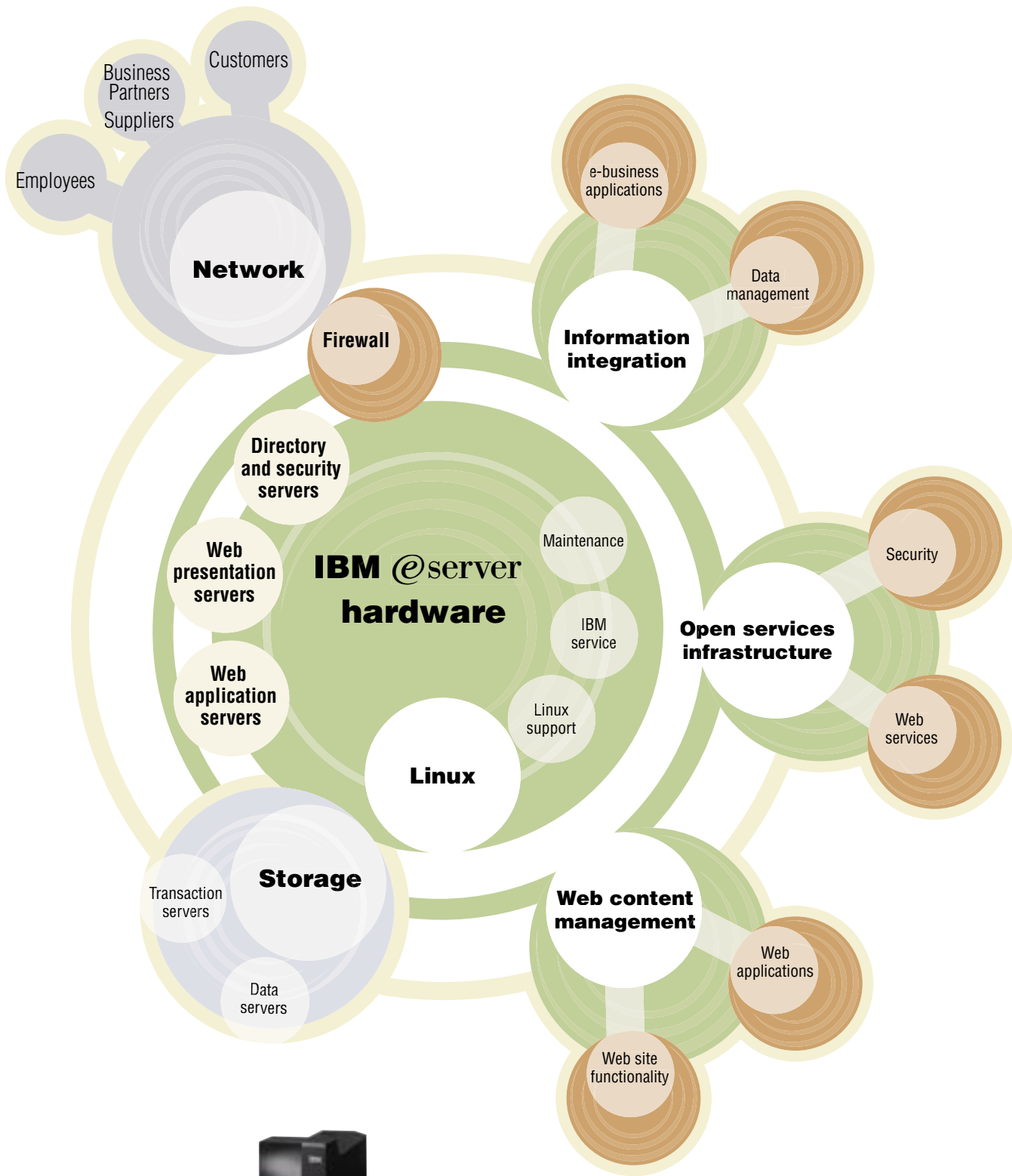
The IBM WebSphere Application Server, a component of the IBM @server Integrated Platform for e-business, simplifies the development, management and deployment of dynamic e-business applications. That's why a number of ISVs (independent software vendors) have built e-business Java™-based solutions using WebSphere. Many of these products are available on Linux, with some solution providers choosing Linux as their primary operating system platform. As a result, there is a wide range of WebSphere based e-business solutions now available for the IBM @server Integrated Platform for e-business. These include e-commerce, customer relationship management (CRM), financial services, Web content and document management solutions.

The IBM @server Integrated Platform for e-business, which has been designed using IBM's patterns for e-business, makes it easy to deploy this diverse and rapidly growing portfolio of solutions. For a listing of some of the e-business solutions from ISVs that enhance the value of the IBM @server Integrated Platform for e-business, visit: ibm.com/servers/solutions/linux/integrated/apps.

Components	IBM Integrated Platform Express (xSeries)	IBM @server Integrated Platform for e-business on xSeries*	IBM @server Integrated Platform for e-business on zSeries*	IBM @server Integrated Platform for e-business on iSeries*	IBM @server Integrated Platform for e-business on pSeries*
Web server	Imbedded with WebSphere Application Server Express	IBM HTTP Server	IBM HTTP Server	IBM HTTP Server	IBM HTTP Server
Application server	WebSphere Application Server Express	WebSphere Application Server	WebSphere Application Server	WebSphere Application Server	WebSphere Application Server
Database	DB2 UDB Express (option)	DB2 UDB (option)	DB2 UDB ¹ (option) or DB2 Connect (optional component for access to DB2 for z/OS [®])	DB2 for OS/400 [®]	DB2 UDB (option)
Directory (LDAP)	IBM Directory Server	IBM Directory Server	IBM Directory Server	IBM Directory Server	IBM Directory Server
Operating system (delivered by SuSE)	SuSE Linux Enterprise Server	SuSE Linux Enterprise Server	SuSE Linux Enterprise Server	SuSE Linux Enterprise Server	SuSE Linux Enterprise Server
Server hardware	IBM @server x225, x235, x335, x345, x360, x440	IBM @server x305, x335, x345, x360, x440	IBM @server z800, z900, z990	IBM @server i810, i825	IBM @server p630, p650
Storage	Integrated HDDs with RAID-1 and optional RAID-5 EXP300 also available as an option	Integrated HDDs with RAID-1 and optional RAID-5 EXP300 also available as an option	ESS storage available as an option	Integrated iSeries storage	Integrated HDDs with RAID-1 and optional external storage with RAID-5
Firewall (required for Internet topologies only)	Optional third-party component	Optional third-party component	Optional third-party component	1) Netfilter/iptables 2) Optional third-party component	Optional third-party component

* The IBM @server Integrated Platform for e-business on zSeries systems may be ordered from IBM or IBM Business Partners as a "software only" upgrade, or a combination of hardware and software.

+ The IBM @server Integrated Platform for e-business on iSeries, pSeries and xSeries systems is available to customers and IBM Business Partners through the use of a blueprint provided by IBM for these solutions.



IBM @server z800



IBM @server p630



IBM @server x345



IBM @server i825

A configuration for every size business

IBM and its Business Partners have helped thousands of businesses like yours gain a competitive edge with e-business. Based on this extensive experience, we have defined a set of e-business patterns that encompass the most popular e-business environments. These patterns are encapsulated in the IBM @server Integrated Platform for e-business blueprints for each of the IBM @server platforms. Using IBM's blueprints, tools, scripts and sizing guides, customers and IBM Business Partners can rapidly deploy e-business solutions.

All you have to do is choose the deployment platform that fits your needs. (IBM and its Business Partners will even help you do that.) As a result, this offering can help you avoid those resource-sapping, time-consuming and expensive tasks in deploying e-business solutions, such as:

- System design
- Hardware selection
- Hardware sizing
- Network configuration
- Hardware assembly
- Software selection and installation
- Functional and performance test of sample applications
- System optimization

If yours is a small or medium-sized business, you may want to consider the IBM Integrated Platform Express. The hardware and software in this offering are specifically designed and priced to meet the needs of smaller businesses.

IBM Integrated Platform Express includes IBM WebSphere Application Server Express, IBM DB2 Express and Intel processor-based xSeries servers, along with disk storage.

Paves the way for on demand e-business

In addition to providing a fast and reliable way to meet your current e-business needs, the IBM @server Integrated Platform for e-business positions your organization for the next era in e-business—the on demand era. Your customers want you to be more responsive, more flexible and more resilient. They want you to offer products with an unprecedented level of customization and deliver them “on demand.” Moreover, your suppliers, partners and every department within your own organization want tighter integration of your most critical business processes, so they can deliver faster, better and with lower costs.

The on demand era requires a scalable, reliable and highly secure infrastructure—an on demand e-business operating environment—that enables you to respond dynamically to the needs of customers, employees, partners and suppliers. Unlike traditional infrastructures built with a vertically oriented, stacked view of the world, the on demand e-business operating environment provides horizontal integration across and beyond the enterprise. It aggregates dynamically—on demand—the required distributed

processes from both within and outside your enterprise, and presents them to users as a unified and cohesive whole. In addition, it permits on demand access by diverse devices—laptops, palmtops, desktops and others.

Many organizations, especially small and medium-sized businesses, may not have the considerable expertise and resources required to build an on demand e-business operating environment from the ground up. That's where this solution comes in. It provides the robust infrastructure you need on which to deploy on demand e-business applications quickly and confidently.

The IBM WebSphere Application Server is a leading software platform for on demand e-business applications. The IBM DB2 Universal Database is designed to provide the information integration capabilities you need to support on demand computing. And Linux provides the resilient, highly secure and open operating environment so important for on demand e-business. With the combination of WebSphere Application Server, IBM DB2 and Linux, you can implement highly transactional, manageable, available and scalable applications that offer distributed security and remote administration. You'll get a head start into the on demand e-business era, leaving your competitors in the dust.



© Copyright IBM Corporation 2003

IBM Systems Group
3039 Cornwallis Rd.
Research Triangle Park, NC 27709

Printed in the United States of America
8-03

All Rights Reserved

¹ Planned availability in August 2003

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OR CONDITION OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW DISCLAIMER OF EXPRESS OR IMPLIED WARRANTIES IN CERTAIN TRANSACTIONS; THEREFORE THIS DISCLAIMER MAY NOT APPLY TO YOU.

Information concerning non-IBM products was obtained from the suppliers of those products. Questions concerning those products should be directed to those suppliers.

IBM, the IBM logo, the e-business logo, DB2, DB2 Universal Database, eServer, iSeries, OS/400, pSeries, WebSphere, xSeries, z/OS and zSeries are trademarks of IBM Corporation in the United States, other countries, or both.

Intel is a trademark of Intel Corporation in the United States, other countries, or both.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Other product, company and service names may be trademarks or service marks of others.



Printed on recycled paper containing 10% recovered post-consumer fiber.

GM13-0331-00

For more information

Learn more about how the IBM **@server** Integrated Platform for e-business can help you move into e-business today and into on demand e-business tomorrow. Contact your local IBM supplier of hardware and software products, or visit the IBM Web site: **ibm.com/servers/eserver/linux/integrated/**
