

WebSphere® software

IBM WebSphere Everyplace Access, Version 4.3

Highlights

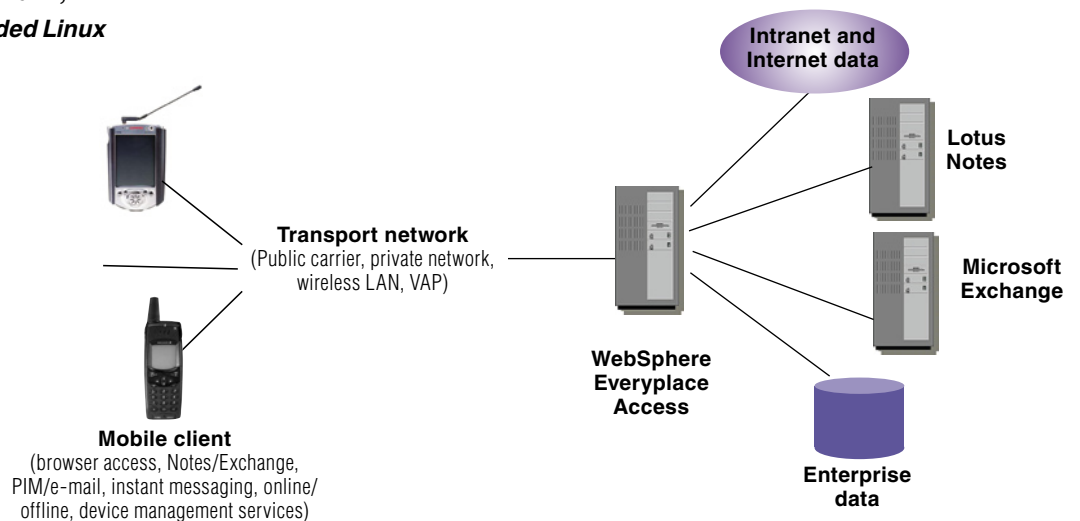
- **New advanced capabilities in location-based services, intelligent notification, device management, e-mail push and instant messaging**
- **Enhanced integration with WebSphere® Portal for remote portlet access**
- **Database synchronization and offline forms**
- **Development toolkit to create, emulate, test and debug applications**
- **Support for cell phones, smart phones, and Palm, Pocket PC, embedded Linux operating systems**

Bridging wireless environments

To remain competitive, enterprises need to make sure that mobile workers have access to office services—like e-mail and calendars, as well as enterprise applications.

Enterprises have a rich computing environment with a variety of applications, such as sales force and field force automation; and important enterprise data, such as e-mail and Personal Information Manager (PIM). IBM designed WebSphere Everyplace Access 4.3 specifically to bridge complex wireless environments with a single, scalable architecture.

WebSphere Everyplace Access delivers synchronization services to extend enterprise database and Web applications to mobile employees who are working both on and offline. With these synchronization services, mobile workers can access database applications and content, and they can fill in Web forms on their personal digital assistants (PDAs), even when they are not connected to the network.



WebSphere Everyplace Access provides a scalable, mobile-enablement platform for enterprise applications by consolidating synchronization, notification, security and transcoding services that leverage open standards.

WebSphere Everyplace Access Version 4.3 at a glance

Functions

- Provides a mobile application platform for business-critical data and applications to mobile employees
- Proactively notifies users via Intelligent Notification Services (INS)
- Synchronizes enterprise databases to embedded DB2® Everyplace database
- Enables mobile instant messaging via Lotus Sametime®
- May improve productivity of mobile employees with server push synchronization of Lotus Notes® and Microsoft® Exchange e-mail and Personal Information Manager (PIM) and Lotus Sametime instant messaging
- Manages software applications on PDA devices
- Dynamically integrates mapping, routing and information directories
- Supplies developers with a rich, standards-based set of development tools to streamline the launch cycle for applications

Server

The following are recommended software requirements:

- Microsoft Windows® 2000 Server or Advanced Server
- Solaris 8
- AIX V5.1

Client

Supported client devices include:

- Pocket PC 2002
- Palm OS
- Sharp Zaurus
- Selected SyncML and WML devices

Intelligent Notification

WebSphere Everyplace Access provides a variety of powerful mobile services that can enable enterprises to enhance these mobile applications. Intelligent Notification, for example, proactively notifies users of key information or events

triggered from e-mail, news feeds or enterprise applications and systems. These notifications are pushed to workers via cell phone, pager or PDA. WebSphere Everyplace Access location services add mapping, driving directions and local directory information to mobile applications.

Improving personal productivity

WebSphere Everyplace Access provides personal productivity features that can enable you to start using the product immediately.

WebSphere Everyplace Access supports robust server synchronization of PIM and e-mail functions for Lotus Notes and Microsoft Exchange. In addition, WebSphere Everyplace Access provides productivity portlets, such as e-mail, calendar, address book, to do lists and memos that support Wireless Markup Language (WML)-enabled connected access to Notes and Exchange. WebSphere Everyplace Access also includes instant messaging, chat and awareness on a PDA via Lotus Sametime. With immediate access to corporate resources through chat, mobile workers can quickly answer questions and make faster decisions in the field.

Mobilizing business processes

Beyond personal productivity applications, WebSphere Everyplace Access is built on proven IBM technologies, including IBM WebSphere Application Server and IBM WebSphere Portal Server. These technologies provide the foundation for a reliable, secure and scalable mobile application platform and help provide a robust set of services, such as administration, directory and authentication.

As part of the portal infrastructure, WebSphere Everyplace Access also provides the use of portlets and the portlet-programming model to extend e-business applications and content to browser-enabled mobile devices either on or offline. Using WebSphere Everyplace Access and WebSphere Portal, enterprises can integrate to Enterprise Resource Planning (ERP) systems and workflow, and extend these systems to mobile devices.

WebSphere Everyplace Access manages pervasive devices, including the ability to configure the device, distribute software to the device and collect inventory information such as application, hardware and configuration information.

Tools and resources to streamline application development

Everyplace Toolkit for WebSphere Studio is a set of plug-ins to WebSphere Studio Site Developer that supports the development of mobile e-business applications powered by IBM middleware. The Everyplace Toolkit provides select content creation, adaptation tools, portlet samples, an external annotation editor and portlet development tools. It also provides markup editors for PDA, WML and Compact HyperText Markup Language (cHTML), and features a programming model built on portals as mechanisms for aggregating information. Tools for WebSphere Everyplace Access go beyond the server side of mobile application development. WebSphere Studio Device Developer, built on the Eclipse open tools platform, can provide developers with a build, deploy and test environment for the creation of Java applications that target WebSphere Micro Environment in the device. The combination of WebSphere Studio Device Developer and Everyplace Toolkit for WebSphere Studio can allow developers to build, test, deploy and maintain end-to-end applications.

Built on a firm foundation

WebSphere Everyplace Access provides the functionality to extend existing or new business applications to the wireless world. Independent software vendors (ISVs), system integrators and in-house application developers can be enabled to create high-value solutions.

For more information

To learn more about IBM pervasive computing and WebSphere Everyplace Access, Version 4.3, visit our Web site at ibm.com/pvc or call your local IBM representative.



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