IBM WebSphere Portal Server Version 1.2

Overview

WebSphere™ Portal Server for Multiplatforms Version 1.2 (Portal Server) provides an open framework for creating many kinds of custom portals, suitable for both enterprise and service provider companies.

The framework simplifies many of the tasks involved in building complex portal sites and removes much of the overhead of developing user interfaces for multiple browsers or mobile devices. It also helps leverage and reuse existing Web assets. Portals built with Portal Server are accessible through a variety of desktop and mobile browsers.

WebSphere Portal Server Version 1.2 includes:

- Continued support for AIX® and adds support for Windows NT®, Windows® 2000, and Solaris
- Support for i-mode
- Removal of the dependency on WebSphere Everyplace™ Suite
- User group support and access control improvements
- Extended Search
- Page customizer
- Improved portlet installation
- New portlet API

Predefined portlets are included for the following:

- Lotus® iNotes: Mail, Calendar, and To-Do List
- Lotus Notes®: Mail and Calendar
- Extended Search
- Microsoft™ Exchange/2000: Mail Inbox View, Mail Calendar, and Contacts List
- Lotus: SameTime and QuickPlace
- Portlet Catalog
- Sample Personalization Portlet

WebSphere Portal Server V1.2 will initially be available in English, then will be refreshed with software that supports multiple languages. Customers who acquire the English program are eligible to receive the Multilingual program for no additional charge. Eligible customers may contact IBM Service to request the refreshed program code.

For more information about WebSphere Portal Server, contact your IBM representative or authorized Business Partner, or visit the following IBM Web sites:

http://www.ibm.com/webservers
or
http://www.ibm.com/pvc/products

Key Prerequisites

One of the following:

- AIX 4.3.3.02, or later
- Windows NT Server 4.0, SP 4, SP 6a, or later
- Windows 2000 Server or Advanced Server
- Solaris V7 at a maintenance level of 4/2000, or later, or Solaris V8

There are additional requirements for some of the portlets. Refer to the Technical Information section in this announcement for additional details.

Planned Availability Dates

- July 6, 2001: Electronic Software Download (English)
- July 20, 2001: Program on CD-ROM (English)
- August 3, 2001: Electronic Software Download (Multilanguage)
- August 17, 2001: Program on CD-ROM (Multilanguage)

At a Glance

WebSphere Portal Server Version 1.2 includes all the capability of Websphere Portal Server V1.1, plus it provides the following:

- Support for additional operating systems
- I-mode support
- No longer requires WebSphere Everyplace Everyplace Suite as a prerequisite
- User group support and access control improvements
- Extended Search capability
- Page customizer
- Improved portlet installation
- New portlet API
- Additional portlets and new personalization sample

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
Description
WebSphere Portal Server Version 1.2 replaces WebSphere Portal Server Version 1.1. This new release provides additional operating system support, new functions, and features designed to help you provide better service to your users.

Version 1.2 improvements include:

- Support for Windows NT, Windows 2000, and Solaris operating systems in addition to AIX
- I-mode support for a new class of devices: i-mode phones
  This functionality can only be exploited if Portal Server is installed on top of WebSphere Everyplace Suite 1.1.3.
- WebSphere Everyplace Suite no longer a prerequisite
  If no pervasive devices need to connect to Portal Server, the customer no longer needs to base the Portal Server installation on WebSphere Everyplace Suite. Portal Server is installed as an application into WebSphere Application Server, utilizing the WebSphere Application Server authentication mechanisms, and containing it's own enrollment functions.
- User group support and access control improvements to provide the capability to work with users, including assigning permissions and portlet access to groups or users
  An interface is provided that allows for utilizing other products, such as Tivoli® SecureWay® Policy Director, to manage access control in complex environments.
- Extended Search capabilities to enable searching across an expanded variety of datastores, including relational databases (such as DB2® and Oracle), Lotus Notes Domino™ databases, popular Web search engines, and text or html documents
- Page Customizer redesigned to improve the user interface for the default home page and the portlet chooser dialog
  Use of authorization and/or access control has been added to the customizer pages.
- Improved portlet installation through the packaging of portlet applications using the standard Java™ Archive tools into a Portlet ARchive (PAR) format file
  When packaged in such a form, configuration and deployment information is specified in an XML-based deployment descriptor, which allows separate delivery and installation of portlets.
- A new portlet API to provide better standardization, scalability, and cleaner separation from the portal engine itself
  The API method signatures mirror the Java servlet API.

Portlets
- Lotus iNotes Mail — provides a view of the user’s Lotus iNotes e-mail application
- Lotus iNotes Calendar — provides a view of the user’s Lotus iNotes calendar application
- Lotus iNotes To-do List — provides a view of the user’s To-do list application
- Lotus Notes Mail — provides a view of the user’s Lotus Notes™ e-mail
- Lotus Notes Calendar — provides a view of the user’s Lotus Notes calendar
- Extended Search — allows intranet searches
- Microsoft Exchange/2000 mail inbox view — provides a view of the user’s Microsoft Exchange/2000 e-mail inbox
- Microsoft Exchange/2000 mail calendar — provides a view of the user’s Microsoft Exchange/2000 calendar
- Microsoft Exchange/2000 contacts list — provides a view of the user’s Microsoft Exchange/2000 contacts list
- Lotus SameTime — provides a portlet which launches the Lotus SameTime Java client as a separate application
- Lotus QuickPlace — provides a portlet which launches a Lotus QuickPlace in a separate QuickPlace browser window
- Sample Personalization Portlet — intended for reference by portlet developers, and demonstrates how to use WebSphere Personalization in a portlet to enable personalized user experiences
- Portlet Catalog — provides the user with a list of available portlets, which allows selection and customization of the individual portlets

Portlet requirements:
- Lotus iNotes portlets require Lotus iNotes, shipped as part of Lotus Domino Server 5.08
- Lotus Notes portlets require Lotus Domino Server 5.00, or above
- Microsoft Exchange portlets require Microsoft Exchange/2000, including the Web components
- Lotus SameTime portlet requires Lotus SameTime
- Lotus QuickPlace portlet requires Lotus QuickPlace

Additional Software Included with WebSphere Portal Server:
- WebSphere Application Server, Advanced Edition, V3.5.4 with APAR PQ49227 and APAR PQ49845
- WebSphere Personalization V3.5.2 with e-fix 3 (integrated as a component)
- IBM SecureWay Directory
- Lotus Domino Extended Search V3.5
- IBM DB2 Universal Database V7.1.2 EE

The following information applies to these software products that are included as part of WebSphere Portal Server:
- WebSphere Application Server, IBM SecureWay Directory, WebSphere Personalization, DB2 UDB, and Lotus Extended Search have limited use license. These may be used only as part of and in conjunction with WebSphere Portal Server.
- Two kinds of Personalization technologies are included with WebSphere Portal Server: rules and collaborative filtering. The rules technology was developed by IBM and is tightly integrated into the WebSphere
programming model and scalability architecture. The recommendation engine supplied with WebSphere Portal Server utilizes LikeMinds Personalization Server 5.1.2 from Macromedia and can be exploited by WebSphere applications by using the published Java APIs.

The recommendation engine can store up to 25,000 user profiles. You can expand the storage capacity of the recommendation engine by purchasing WebSphere Collaborative profiles V1.0, which authorizes you to expand the storage capacity of the recommendation engine by an additional 250,000 profiles.

- Extended Search Service is available only on AIX and Windows NT. If you are using Solaris, you can make use of the extended search capability by connecting the Portal Server to the Extended Search server installed on either AIX or Windows NT.

WebSphere Portal Server Version 1.2 can help you provide better service to your employees and access to the information resources they need.

Contact your IBM representative or authorized Business Partner to discuss the capabilities and benefits of WebSphere Portal Server Version 1.2.

**Euro Currency**

This program is not impacted by euro currency.

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**Product Positioning**

WebSphere Portal Server Version 1.2 replaces WebSphere Portal Server Version 1.1, which was made available earlier in 2001. Passport Advantage customers with Passport Subscription are eligible for the upgrade from V1.1 to V1.2. Each eligible customer should contact their IBM representative or authorized Business Partner for details of their specific entitlement.

WebSphere Portal Server Version 1.2 enables a broader range of companies, organizations, and enterprises to take advantage of the benefits provided by this improved portal offering from IBM. WebSphere Portal Server can help you expand and improve your network and information dissemination, and provide better services to your users. Whether your enterprise is large or small, WebSphere Portal Server can help you improve your e-business system.

**Lotus K-station:** Lotus K-station is a knowledge-management portal and incorporates enhanced collaborative services and fast out-of-the-box implementation. It is designed to meet customer requirements involving communities of interest, competitive intelligence, innovation management, and others. K-station is a knowledge-management portal application, in contrast to WebSphere Portal Server which provides the infrastructure for building and deploying a variety of portal solutions.

It delivers community and collaboration to the enterprise through the integration of three core synergies:

- A customizable drag-and-drop graphical user interface
- A place-based design architecture
- Online awareness and chat capabilities

Lotus K-station is a primary contributor to Lotus greater knowledge-management strategy, which suggests that value is created when “People, Places & Things” are unified into a meaningful business context. Lotus K-station brings together People through its people awareness components. Things, or knowledge, is accessed through Places, which is leveraged as the central knowledge store.

**Lotus Discovery Server:** The Lotus Discovery Server integrates the critical elements of a strategic knowledge management infrastructure, including Knowledge Map (K-Map), expertise profiles, and powerful search tools. By automatically associating subject matter experts with information resources, the Discovery Server identifies relationships among documents, people, and topics. Users can quickly find the information and expert help they need to take fast, effective action. They are able to search or browse for information and locate experts via an easy to use, integrated Knowledge Map.

**IBM Enterprise Information Portal (EIP):** IBM EIP is IBM’s premier solution for information integration. It extends the capability of WebSphere Portal Server by providing access and integration of a wide range of information sources, including relational databases, file systems, unstructured content stores such as IBM Content Manager, and others. The IBM EIP extended search technology ensures that returned search hit lists are organized within a context that the user can understand —no matter what the source of the information.

IBM EIP enables advanced information mining functions to be incorporated to automatically classify files and documents into categories, generate taxonomies, and automatically summarize information in the meta data store.

**National Language Support:** WebSphere Portal Server Version 1.2 has basic globalization support for all languages and is DBCD, BIDI, and Unicode enabled. In addition, the program is translated into the following languages:

- Chinese (Simplified)
- Chinese (Traditional)
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (Brazilian)
- Spanish

All languages are included in the same code image, which is available worldwide. The language is selected during configuration.

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**Reference Information**

For more information about solutions for today’s mobile environment, visit the following IBM Web sites:


Refer to other IBM product announcements for more information about related products:

- Software Announcement 201-128, dated April 24, 2001 (DBS UDB V7.2)
- Software Announcement 200-089, dated April 18, 2000 (DB2 UDB V7.1)
- Software Announcement 201-020, dated January 30, 2001 (WebSphere Portal Server V1.1)
• Software Announcement 200-238, dated July 25, 2000 (WebSphere Application Server V3.5 Advanced Edition)

• Software Announcement 200-239, dated July 25, 2000 (WebSphere Personalization V3.5)

• Software Announcement 200-350, dated October 3, 2000 (WebSphere Everyplace Suite Service Provider Edition)

• Software Announcement 201-150, dated May 8, 2001 (WebSphere Technical Solutions)

Announcements can be found at:

http://www.ibm.com/wwoi

or

http://www.ibmlink.ibm.com

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Java is a trademark of Sun Microsystems, Inc.
Tivoli is a registered trademark of International Business Machines Corporation or Tivoli Systems Inc. in the United States or other countries or both.
Domino and Notes are trademarks of Lotus Development Corporation.
Lotus, Lotus Notes, and Notes Mail are registered trademarks of Lotus Development Corporation.
Other company, product, and service names may be trademarks or service marks of others.
**Education Support**

Educational offerings will be updated as appropriate to include information about WebSphere™ Portal Server.

Visit the following Web sites for additional information:

- [http://www.education.ibm.com](http://www.education.ibm.com)

Call IBM Education and Training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

**Offering Information**

Product information is available through Offering Information (OITOOL) at:


**Publications**

The documentation for WebSphere Portal Server is provided in a Web-based, printable online Information Center. Users can access the information online through a table of contents or search engine. The Information Center provides information on how to use the product. It includes planning, installing, administering, developing portlets, and troubleshooting information.

No printed publications are shipped with this program.

**Technical Information**

**Hardware Requirements**

For Windows NT® and Windows® 2000:

- An Intel-based PC running Windows NT Server V4.0, SP 4, 6A, or later, or
- A Windows 2000 Server or Advanced Server
- Support for a communications adapter
- Minimum 90 MB of free disk space for installations (includes the Software Developer Kit)
- CD-ROM drive
- Minimum 256 MB of memory; 512 MB recommended

For Sun Solaris:

- A workstation running Solaris V7 at a maintenance level of April, 2000, or later, or Solaris V8
- Support for TCP/IP and an adapter
- Minimum 90 MB of free disk space for installation (includes SDK)
- CD-ROM drive
- Minimum 384 MB of memory; 512 recommended

For AIX®:

- RX/6000 or RS/6000® SP™ running AIX V4.3.3.02, or later
- Support for an appropriate network interface
- Minimum 90 MB of free disk space for installation (includes SDK)
- CD-ROM drive
- Minimum 384 MB of memory; 512 recommended

**Software Requirements**

Operating systems:

- AIX Version 4.3.3.02, or later
- Windows NT Server 4.0, SP 4, SP 6a, or later
- Windows 2000 Server or Advanced Server
- Solaris V7 at the April 2000 maintenance level, or later, or Solaris V8

Portal Framework:

- WebSphere Portal Server V1.2 requires some additional software products. The required products that are embedded in, or provided with, WebSphere Portal Server V1.2 include:
  - WebSphere Application Server, Advanced Edition, V3.5.4 with APAR PQ49227 and APAR PQ49845
  - WebSphere Personalization, Version 3.5 with e-fix 3
  - IBM SecureWay® Directory
  - Lotus® Domino™ Extended Search Version 3.5
  - IBM DB2 Universal Database V7.1.2 EE

  There is a limited use license associated with each of these products when acquired as part of WebSphere Portal Server V1.2. The use limitations are detailed in the License Information that is provided with the product.

- A relational database, either DB2® or Oracle
  - To integrate the Extended Search, DB2 is required.

  For wireless device support, WebSphere Everyplace™ Suite Version 1.1.3 is required

**Portlets:**

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: [http://www.ibm.com](http://www.ibm.com).
Lotus iNotes portlets require Lotus iNotes, shipped as part of Lotus Domino Server 5.08
Lotus Notes® portlets require Lotus Domino Server 5.00, or above
Microsoft™ Exchange portlets require Microsoft Exchange/2000, including the Web components
Lotus SameTime portlet requires Lotus SameTime
Lotus QuickPlace portlet requires Lotus QuickPlace

Limitations: Some components of WebSphere Portal Server V1.2 include a limited use license. Refer to the License Information (LI) provided with the product.

Planning Information

Direct Customer Support: Direct customer support is available through IBM Operational Support Services — Support Line or Passport Advantage Support. This fee service enhances customers’ productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services — Support Line will help answer questions pertaining to usage and suspected software defects for eligible products. For more information call 800-IBM-4YOU (426-4968).

Packaging: The WebSphere Portal Server Version 1.2 program package contains:

• Program code on CD-ROMs, including documentation
• Proof of Entitlement (PoE)
• IBM International Program License Agreement (IPLA)
• LI

A media pack and electronic download are available to Passport Advantage customers. This program, when downloaded from a Web site, contains the applicable IBM license agreement, and LI, if appropriate and will be presented for acceptance at the time of installation of the program. The license and LI will be stored in a directory such as LICENSE.TXT for future reference.

Ordering Information

The ordering and pricing for WebSphere Portal Server is based on a single type of charge unit: per processor install. A processor is defined as any system or node executing all or any part of WebSphere Portal Server (the Program).

The program (program package or electronic download) is required for the first processor on the first server. One PoE is required for each additional processor beyond the first one.

There is a one-time charge (OTC) for each program and for each PoE. The total cost is the sum of the price of the Program OTC plus the price of the PoE multiplied by the number of PoEs.

For example, two 4-way symmetric multiprocessor (SMP) systems, whether stand-alone systems or nodes in a larger system, require one Program and seven additional Proofs of Entitlement. The total price will be the sum of one OTC for the Program and seven OTCs for the Proofs of Entitlement.

New Licenses

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Passport Advantage

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Terms and Conditions

Licensing: IPLA. Proofs of Entitlement are required for all authorized use.

LI Form Number: The LI is provided with the program package. When the program is electronically downloaded, the LI is included in the software.
Limited Warranty Applies: Yes

Program Services: Available until September 30, 2002

Program Services offers a method of reporting code-related problems for IBM licensed software products. The base set of Program Services is provided as part of the IBM basic software license agreement. Problems may be reported via e-mail, facsimile or regular mail. If a customer believes there is a defect in a Program such that it does not meet specifications, the customer must notify IBM while Program Services are available for the program.

Money-Back Guarantee: Two-month, money-back guarantee

Copy and Use on Home/Portable Computer: No

Volume Orders (IVO): No

Passport Advantage Applies: Yes

Passport Advantage Subscription Applies: Yes

Upgrades: Eligible Passport Advantage customers can acquire upgrades without additional charges.

Usage Restriction: Yes

Refer to the LI provided with the Program.

IBM Operational Support Services — Support Line: Yes

Other Support: Passport Advantage

AIX/UNIX® Upgrade Protection Applies: No

Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees: No

AS/400® Software Subscription Applies: No

Variable Charges Apply: No

Educational Allowance Available: Not applicable.

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**Prices**

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Passport Advantage: For Passport Advantage information and prices, contact your IBM representative or your authorized Business Partner. Additional information is available on the Passport Advantage Web site at:

http://www.lotus.com/passportadvantage

Support Services: Contact your sales channel for IBM Operational Support Services — Support Line pricing information.

Customer Financing: IBM Global Financing offers attractive financing to credit-qualified commercial and government customers and Business Partners in more than 40 countries. IBM Global Financing is provided by the IBM Credit Corporation in the United States. Offerings, rates, terms, and availability may vary by country. Contact your local IBM Global Financing organization. Country organizations are listed on the Web at:

http://www.financing.ibm.com

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