



iSeries. mySeries.

Getting Started with
WebSphere Portal Express Server V5
for iSeries

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iSeries. mySeries.

Topics

■ What is Portal and the WebSphere Portal Family ?

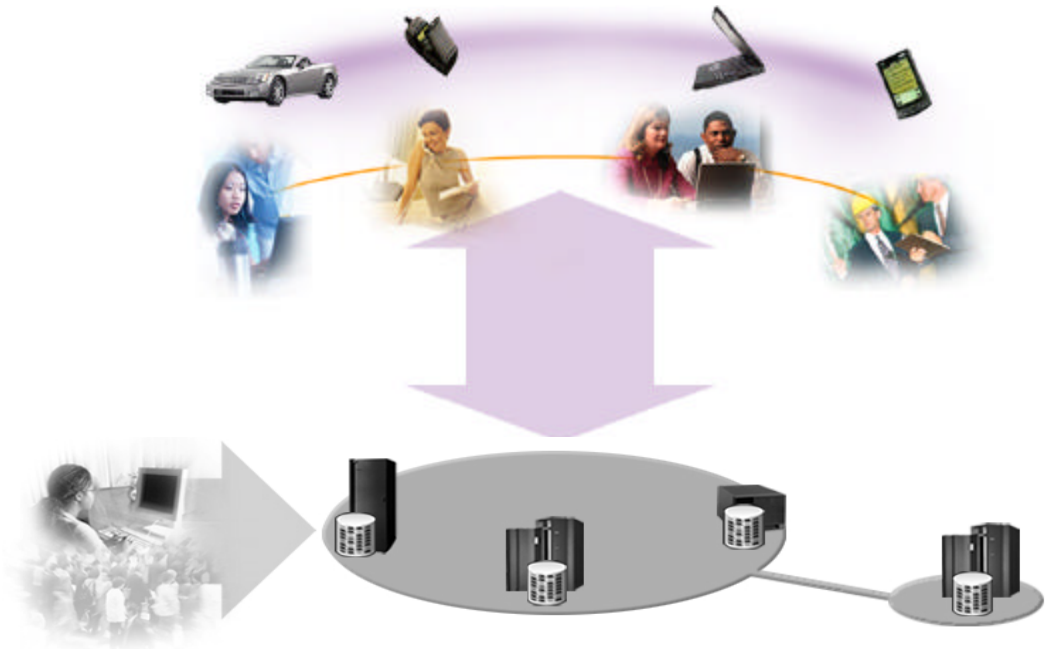
■ How do you get Portal for iSeries?

■ Where do you start?

- Planning
- Installing
- Configuring
- Administering

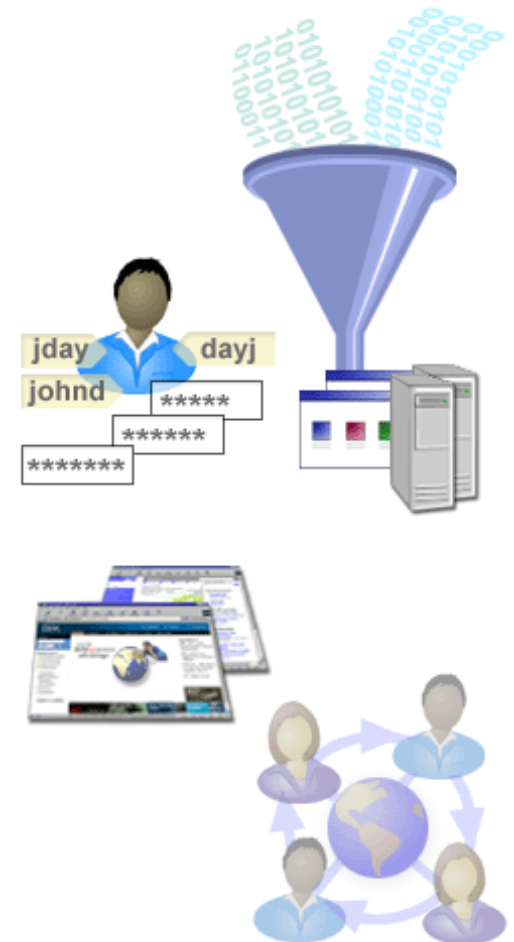
■ What's next?

■ Summary and wrap-up



The problems that Portal technology addresses

- Too much irrelevant information
- Relevant data exists, but it's hidden in numerous systems
- Difficult to integrate various applications and data sources into one user experience
- Too many user ID / passwords difficult to remember and maintain
- Difficult to collaborate with other employees in remote sites or business partners around the world
- Need to provide an e-business experience to customers, partners, and employees
- Available solutions are too expensive for small and medium business



Portal Definition

- **Portal - Single Point of Personalized Interaction with Applications, Content, Processes and People**

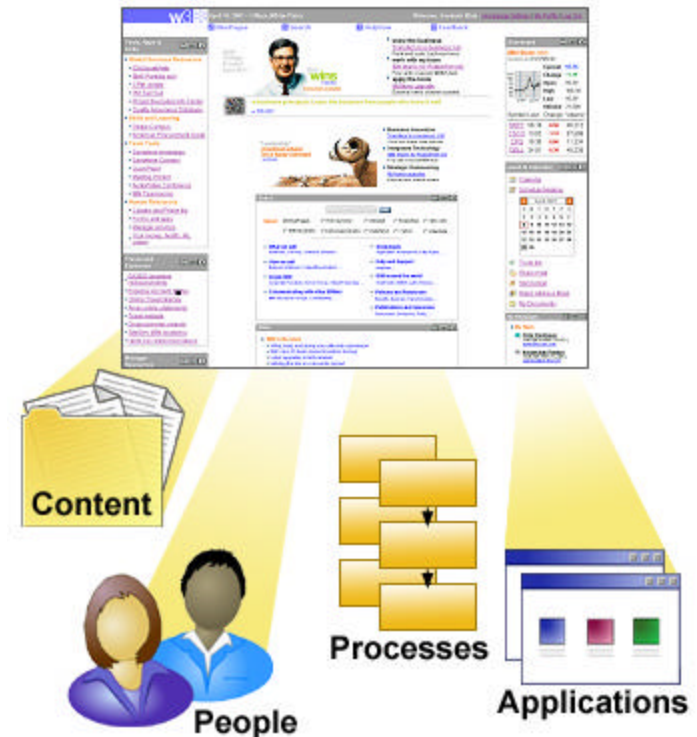
- **By definition, a portal should provide**

- Single sign-on
- Common presentation
- Application and information integration
- Collaborative capabilities
- Personalization and customization
- A framework for Web Services
- Extension to pervasive devices

- **Resulting in....**

- Improved employee productivity = B2E Portal
- Improved Partner relationships = B2B Portal
- Increased customer loyalty = B2C Portal

Gartner Group
"Portal, the most overused word in IT" Gene Phifer - Gartner



A Case for Portals – On Demand Workplace

Roles @IBM – How IBMers Do Work



Collaborating with
customers &
teams

Sametime
Quickplace



Researching
latest industry
trends

w3.ibm.com
Internet



Presenting
integrated IBM
solutions

Sametime
Web
Conferencing



Traveling to
create and retain
customers

IBM Travel
EA2000



Managing the
opportunity
pipeline

Siebel

IBM's On Demand Workspace

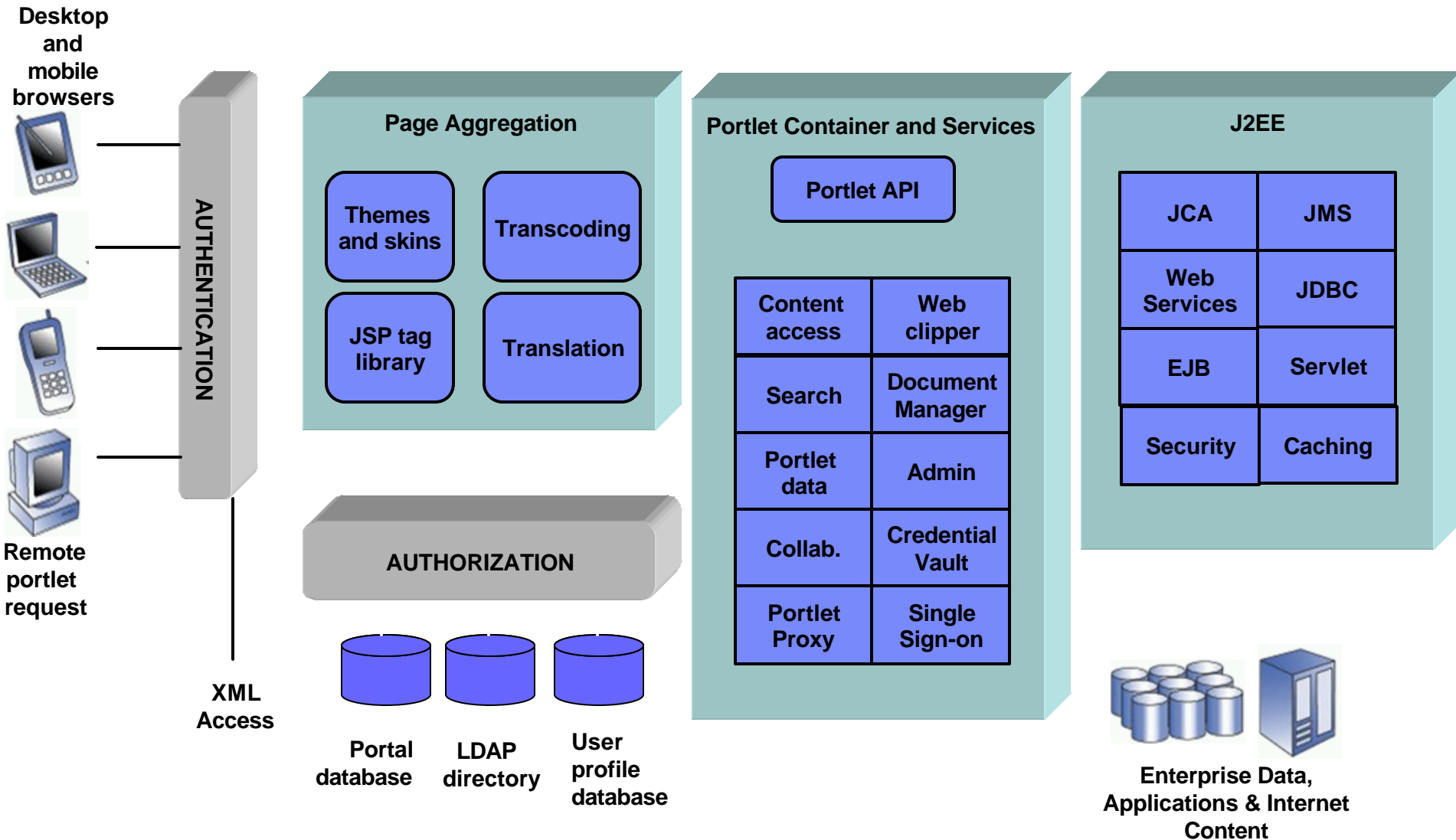
Personalized

People Finder

Local information

News feed

WebSphere Portal Core Architecture



IBM WebSphere Portal Version 5 Family

Extend

- Lotus Domino Enterprise Server
- Lotus Instant Messaging and Web Conferencing (formerly Sametime)
- Lotus Team Workplace (formerly QuickPlace)
- **Extended Search**
- **Tivoli Web Site Analyzer**

Enable

- WebSphere Application Server
- IBM HTTP server
- WebSphere Portal Server
- Out-of-the-Box Portlets
- Collaboration Services API
- Portal Toolkit
- **WebSphere Translation Server**
- WebSphere Studio Site Developer
- **Content Management**
- **Personalization**
- Portal Document Manager
- Productivity Portlets
- IBM Directory Server
- Collaboration Center
- **DB2 Universal Database**
- **Horizontal Clustering**

Express Plus

- Lotus Domino Enterprise Server
- Lotus Instant Messaging and Web Conferencing (formerly Sametime)
- Lotus Team Workplace (formerly QuickPlace)

**** Single server configuration only**

Express

- WebSphere Application Server
- IBM HTTP Server
- WebSphere Portal Server
- Out-of-the-Box Portlets
- Collaboration Services API
- IBM Portal Toolkit
- Customization
- WebSphere Studio Site Developer
- Document Manager
- Productivity Components
- IBM Directory Server
- Collaboration Center

**** Single server configuration only**

iSeries and WebSphere Portal Express V5

November 18, 2003
Software Announcement 203-310

How do you get Portal on iSeries?

WebSphere Portal - Express & Express Plus for Multiplatforms V5.02* for iSeries

■ Simplified portal installation & set-up using iSeries wizards

- Portal image included in Virtual Media Image (VMI) for easy installation
- Easy-to-use wizard gives you a production-ready portal server

■ New integrated portal function

- Document management - store, categorize, search, subscribe, review and approve
- Productivity components – view/edit documents, spread sheets and presentations
- Collaboration Center in WebSphere Portal - Express

■ Simplified portal administration

- Intuitive interface and fewer steps required for frequently used functions such as adding a user and assigning access privileges

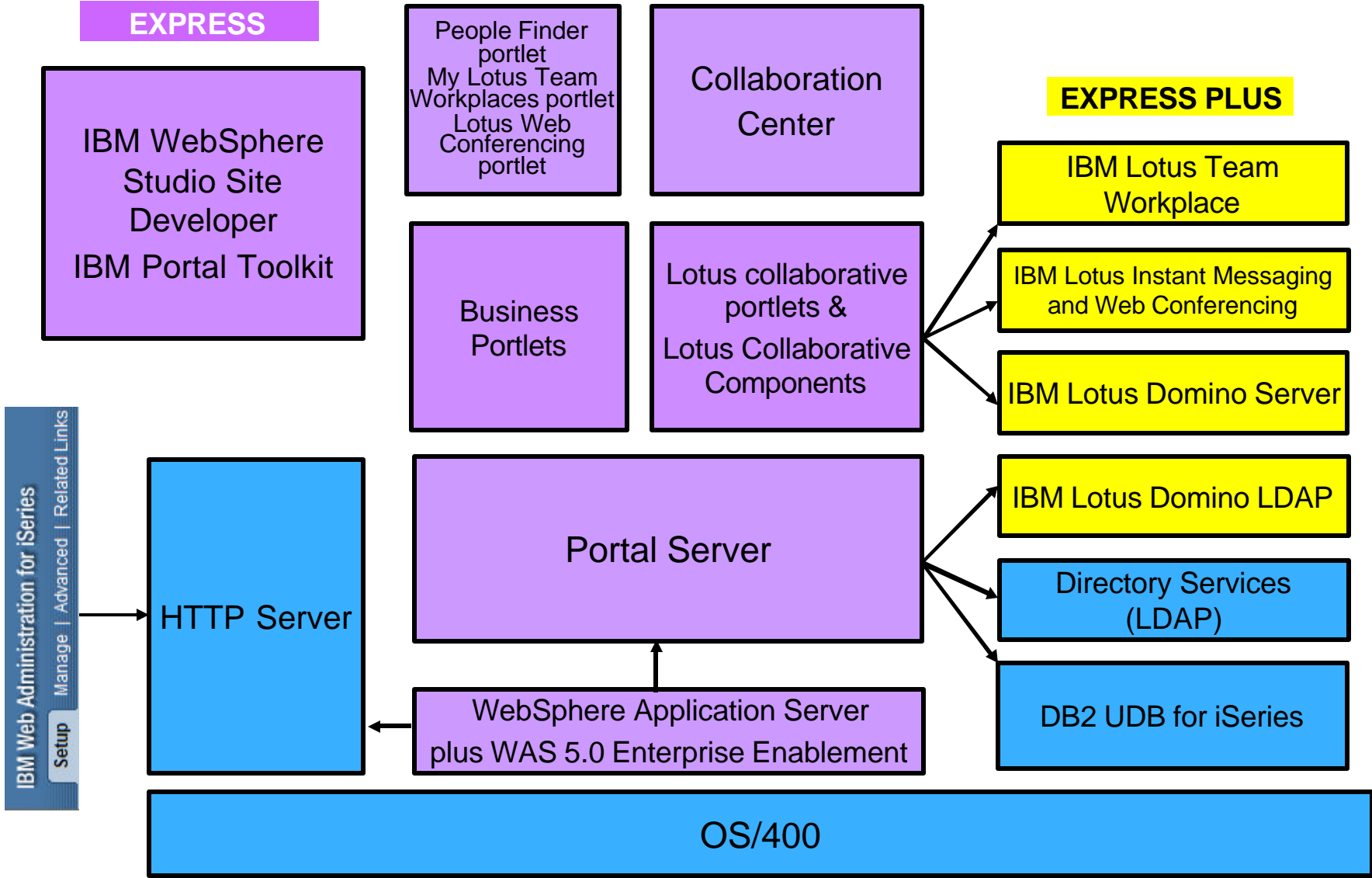
■ Flexible portal licensing (per-user OR per-CPU pricing)

- Both per-user and per-CPU pricing can be used on Intranets, Extranets & Internet
- Licenses of IBM WebSphere Portal – Express Plus Version 5.0.2 with Enterprise Edition includes
 - 20 users on iSeries i825/870/890
 - 20 users on eServer i5 520, 40 users on eServer i5 550, and 60 users on eServer i5 570
- Licenses of IBM WebSphere Portal – Express Plus Version 5.0.2 with Solution Edition includes
 - 40 users on eServer i5 550

WebSphere Portal-Express Plus on iSeries and eServer i5 with Enterprise Edition

➤ depending on the server model, you could be entitled to services and education vouchers.

<http://www-1.ibm.com/servers/eserver/iseries/software/websphere/portal/portalee.html>



iSeries and WebSphere Portal Express

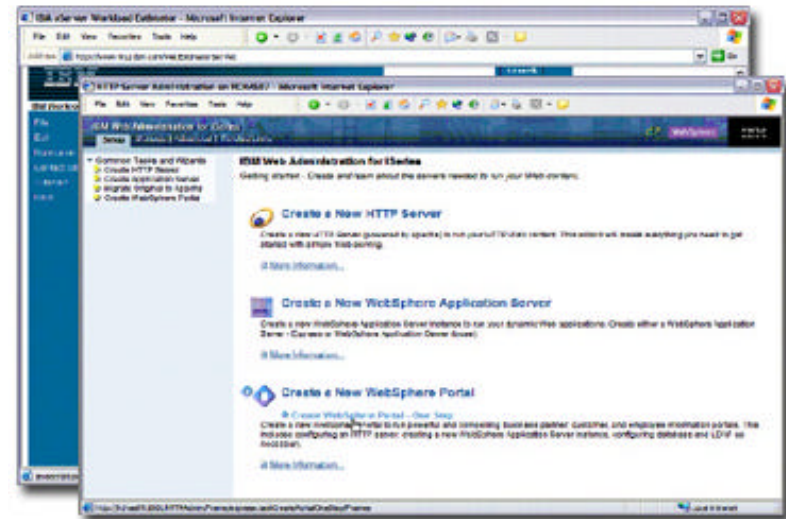
Where do you Start ?

- ✓ Planning
- ✓ Installing
- ✓ Configuring

Requirement: simplified installation, configuration, maintenance and hardware sizing

WebSphere Portal features

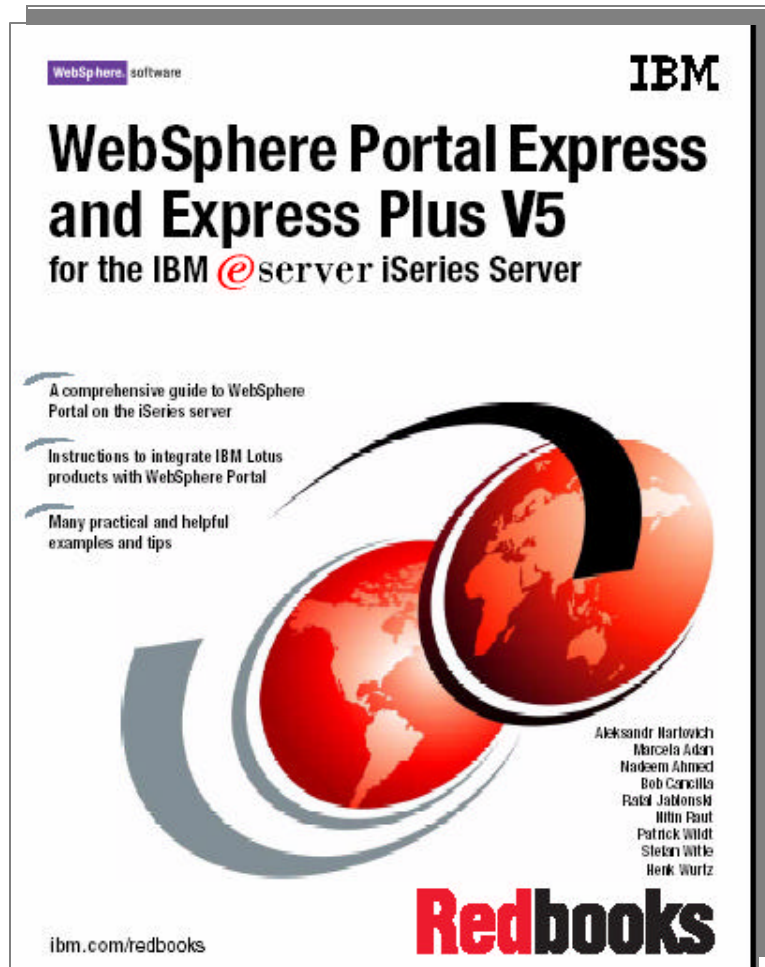
- Quick and painless install with InstallShield
- Easy to use configuration wizard
 - Production ready
 - One-step for demos and Proof of Concepts
- Simple Maintenance
 - IBM Software Integration Assistant for iSeries
- Easy-to-use sizing tool publicly available
 - iSeries workload estimator –
<http://www-912.ibm.com/wle/EstimatorServlet>
 - The minimum hardware requirements are:
 - 750 CPW *per Portal instance*
 - 2GB RAM *per Portal instance*



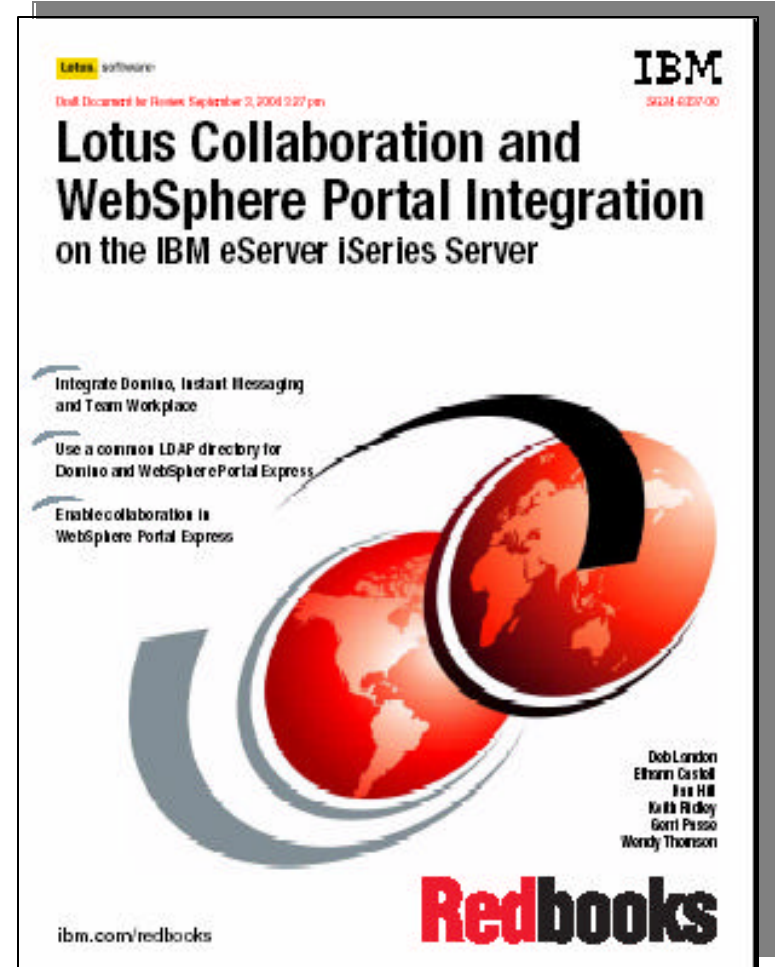
Planning – Get the Redbook...

ibm.com/redbooks

SG24-6096



SG24-6337



Planning for Installation – Hardware Requirements

- **Verify hardware requirements**
 - Use the IBM Workload Estimator for iSeries
 - <http://www-912.ibm.com/wle/EstimatorServlet>
 - Use IBM TechLine services for sizing
 - Minimum hardware requirements
 - iSeries Model 810 with processor feature 2465
 - 1.5 GB of disk space for installation of WebSphere Portal and WebSphere Application Server V5.0 Enterprise Enablement
 - 750 CPW **per Portal instance**
 - 2 GB of memory **per Portal instance**
 - 500 MB of disk space **per Portal instance**

Note: These requirements represent the recommended minimum requirements. Deployments which must support many users or require shorter response times might require additional resources.

Planning for Installation – Software Prerequisites

Portal Server

- 5722SS1 OS/400 V5R2
- 5722JV1 (Option *BASE) IBM Developer Kit for Java
- 5722JV1 (Option 5) Dev Toolkit for Java (Version 1.3), requires the *BASE option
- 5722SS1 (Option 12) Host Servers
- 5722SS1 (Option 30) QShell Interpreter
- 5722SS1 (Option 33) Portable Application Solution Environment (PASE)
- 5722DG1 IBM HTTP Server for iSeries
- 5722TC1 TCP/IP Utilities
- 5733WS5 (Option *BASE) WebSphere Application Server V5.0 (CD 1-1)
- 5733WS5 (Option 1) WAS V5.0 Client development and runtime (CD 1-1)
- 5733WS5 (Option 2) WAS V5.0 Application server runtime (CD 1-2)
- 5733WS5 (Option 10) WAS V5.0 Enterprise Enablement (CD 1-12)
- 5799PTL iSeries Tools for Developers PRPQ (required to use Productivity Components)

WebSphere Portal documentation

<http://www-106.ibm.com/developerworks/websphere/zones/portal/proddoc.html#mp500>

Look in ... Version 5.0.x Information Center to determine Hardware and Software Requirements
WebSphere Portal - Express for Multiplatforms (iSeries) -> Select the version corresponding to the
WebSphere Portal version you are about to install

Readme and Release Notes

- **Latest Fix for IBM WebSphere Portal - Express for Multiplatforms (iSeries) Version 5.0.2**
Cumulative Fix 2 (5.0.2.2)
- **Obtain the Release Notes**
- **Obtain the Readme**

WebSphere Portal documentation

<http://www-106.ibm.com/developerworks/websphere/zones/portal/proddoc.html#mp500>

- Version 5.0.x **Release Notes** -> WebSphere Portal - Express for Multiplatforms (iSeries) -> Select the version corresponding to the WebSphere Portal version you are about to install

- Version 5.0.x **Fix Pack Installation Readme** -> WebSphere Portal - Express for Multiplatforms (iSeries) -> Select the version corresponding to the WebSphere Portal version you are about to install

Planning for Installation – Prerequisites for *Enterprise Enablement for WAS*

- **Prerequisites checked for both options 10 and 11**
 - 5722SS1 OS/400 V5R2 (or later)
 - User has *ALLOBJ authority
 - 5733WS5 WebSphere Application Server V5 BASE
 - 5733WS5 (Option 2) WebSphere Application Server - Application server runtime
 - WAS Base Subsystem QEJBAS5 (Base) or QEJBASND5 (ND) must be ended
- **Obtain and install the Group PTFs for WAS Base or ND**
- **Always check for latest PTF information**

<http://www.ibm.com/servers/eserver/series/software/websphere/portal/>

Click on Support -> Fixes

Midrange servers

Hardware

Support

Services

Software

Solutions

Education

Library

Literature

Related links:

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[iSeries Nation](#)

[iSeries announcements](#)

[iSeries printing](#)

WebSphere Portal on iSeries

[Overview](#) | [Key benefits](#) | [Products](#) | [Getting started](#) | **[Support](#)**

[Documentation](#) | [FAQ](#) | **[Fixes](#)** | [Resources](#) | [Serviceability Tool](#)

Cummulative Fix Pack 2

WebSphere Portal - Express Version 5.0.2 Cumulative Fix Pack 2 (5.0.2.2) is now available

→ [Get installation instructions and download Fix Pack](#)

→ [Product Documentation, Fix Pack Installation Readme, Release Notes](#)

Please note that you can do one of the following:

- **Install a new instance of WebSphere Portal 5.0.2.2.**
An updated installation program is provided with Version 5.0.2.2. If an existing version of WebSphere Portal is not already installed, you can install WebSphere Portal 5.0.2.2 directly, without going through interim versions and an upgrade process. Note that the new WebSphere Portal 5.0.2.2 install media is required. IBM Passport Advantage customers can download the new installation media from the [Passport Advantage web site](#). Note that you need the new installation media with WebSphere Portal 5.0.2.2 to perform a new Portal installation on i5/OS V5R3.
- **Upgrade an existing installation of WebSphere Portal 5.0.2 or 5.0.2.1.**
If you have installed a previous version of WebSphere Portal, you can install Version 5.0.2.2 by performing an upgrade of the existing product.

The following tables include information on group PTFs and individual PTFs needed for WebSphere Portal V5.0.2 and V5.0.2.2 for each available version of iSeries / eServer i5 operating system.

↓ [Table 1: OS/400 V5R2 - WebSphere Portal 5.0.2.2 Required Group PTFs](#)

↓ [Table 2: OS/400 V5R2 - WebSphere Portal 5.0.2.2 individual PTFs](#)

↓ [Table 3: i5/OS V5R3 - WebSphere Portal 5.0.2.2 Required Group PTFs](#)

↓ [Table 4: i5/OS V5R3 - WebSphere Portal 5.0.2.2 individual PTFs](#)

↓ [Table 5: OS/400 V5R2 - WebSphere Portal 5.0.2 individual PTFs](#)

↓ [Table 6: OS/400 V5R2 - Group PTFs shipped with WebSphere Portal 5.0.2](#)

↓ [Table 7: i5/OS V5R3 - Group PTFs required for WebSphere Portal 5.0.2](#)

↓ [Table 8: i5/OS V5R3 - Individual PTFs required for WebSphere Portal 5.0.2.](#)

→ [More information on OS/400 V5R2 Group PTFs](#)



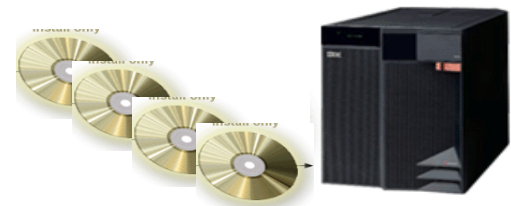
Quick links

- [IBM WebSphere Portal V5.0.2 Tuning Guide for iSeries](#)
- [Redbook: WebSphere Portal Express and Express Plus V5 for the IBM iSeries Server](#)
- [WebSphere Portal on iSeries white papers](#)
- [iSeries Group PTFs](#)
- [WebSphere Portal Express for Multipatforms - Support](#)
- [Ten Steps to Getting Support for WebSphere Portal](#)
- [WebSphere Portal developer/Works Forum](#)
- [iSeries/i5 Support](#)
- [iSeries Access for Web PTFs](#)
- [Business Partner Support](#)
- [iSeries Education](#)

**PTF info
found here!**

Planning for Installation –CD List and Release Notes

- Make sure you have the required CDs. Examples:
 - Setup CD
 - Starts the installation
 - Portal install, Portal Toolkit for Windows, Portal InfoCenter,
 - CD 2
 - WebSphere Portal Server
 - CD 1-12
 - Enterprise Enablement for WAS
- Review Release Notes for most recent information and known problems/solutions
- <http://www-106.ibm.com/developerworks/websphere/zones/portal/proddoc.html#mp500>
 - Version 5.0.x Release Notes -> WebSphere Portal - Express for Multiplatforms (iSeries) -> Select the version corresponding to the WebSphere Portal version you are about to install

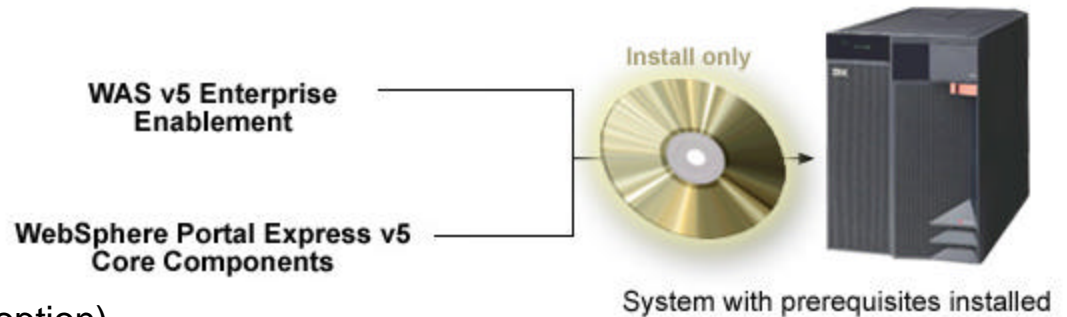


Planning for installation – Select Type of install (*)

(*) Applies to WAS V5.0 Enterprise Enablement and WebSphere Portal

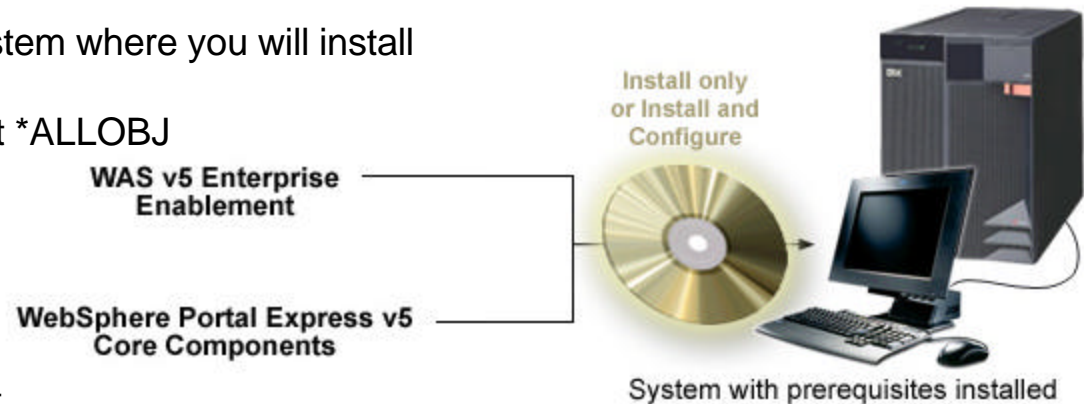
Local Install

- iSeries local CD drive
- QSHELL
- A user profile on iSeries with at least *ALLOBJ and *JOBCTL special authority to install and configure WebSphere Portal
- A database user profile with at least *USER authority (Install and Configure option)



Remote Install from Windows 2000 or XP workstation

- Workstation CD-ROM drive
- Install Shield
- TCP/IP connection to the iSeries system where you will install WebSphere Portal
- A user profile on iSeries with at least *ALLOBJ and *JOBCTL special authority to install and configure WebSphere Portal
- A database user profile with at least *USER authority
- Verify connectivity from the Windows workstation to the iSeries host
 - Ping <ping yourserver.yourcompany.com >

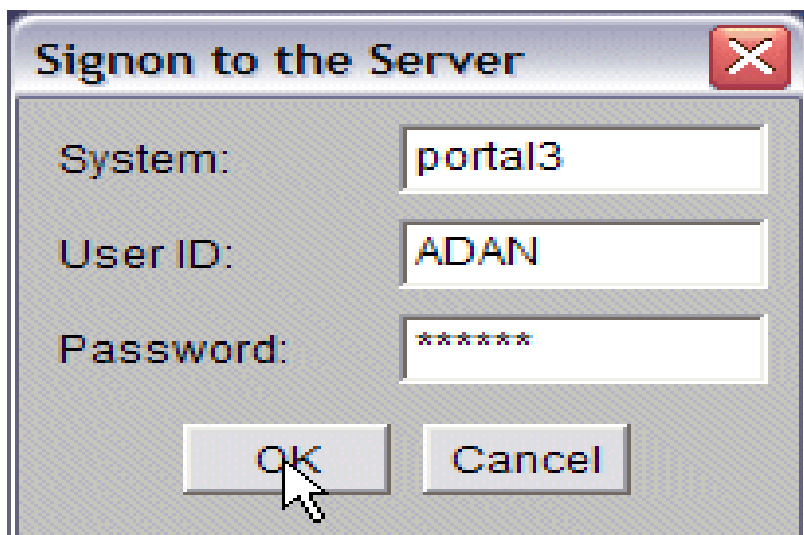


Installation - 6 Step overview

1. Validate software/hardware pre req's, cum fixes and group PTFs
2. Install WebSphere Application Server V5 (Base or Network Deployment)
3. Install Group PTFs for WAS V5
4. Install Enterprise Enablement for WAS (option 10 or 11)
5. Install Group PTF WebSphere Portal Express/Express Plus Service Pack
6. Install WebSphere Portal Express server

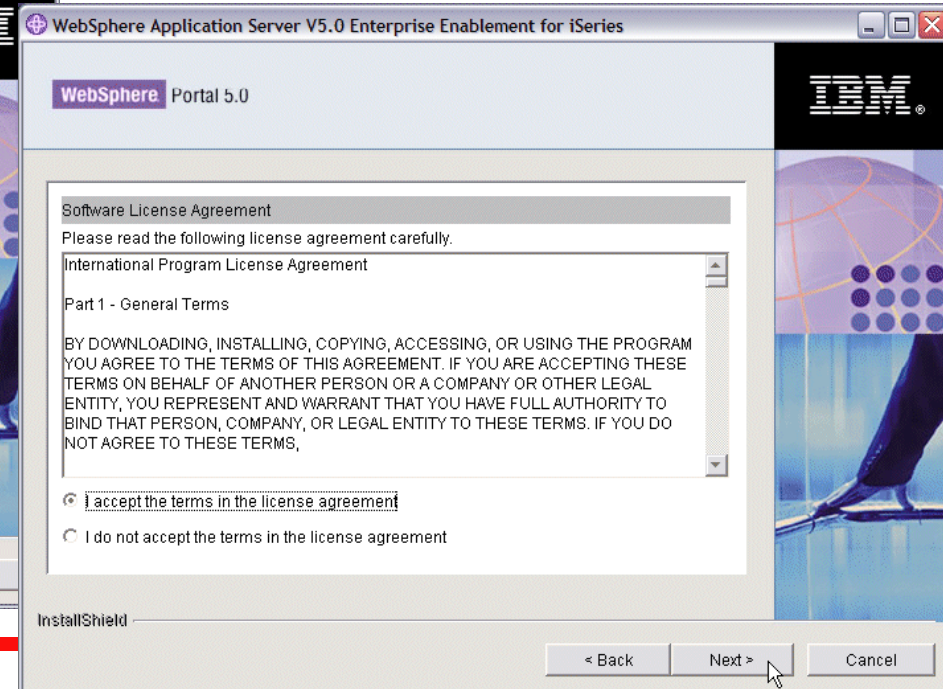
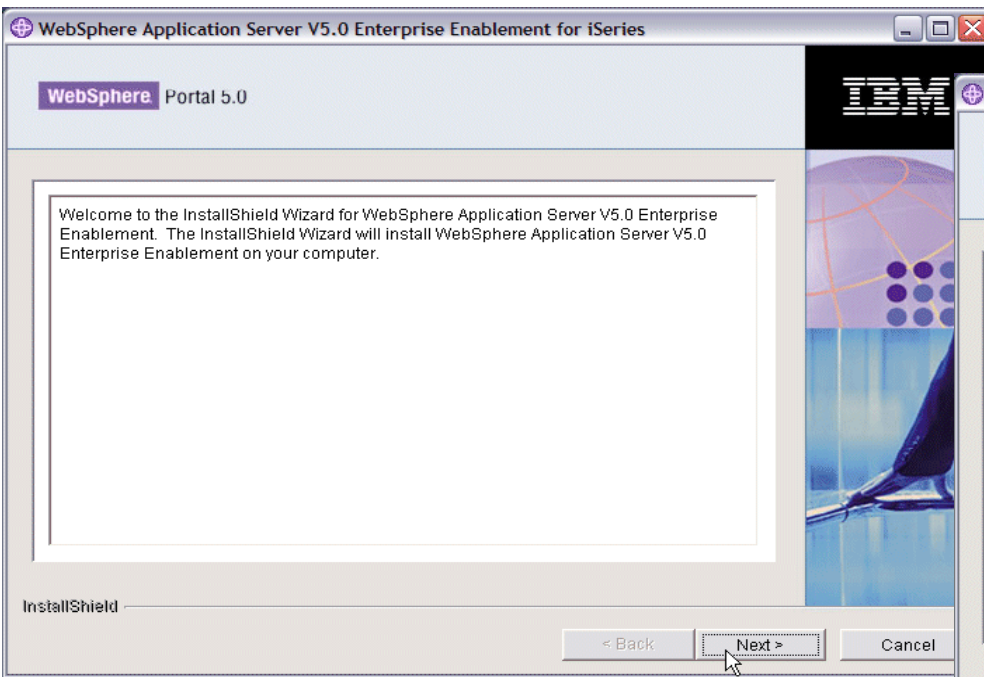
Remote Install of Enterprise Enablement for WAS (1 of 5)

1. On iSeries... ENDSBS SBS(QEJBAS5) OPTION(*IMMED)
2. Insert Enterprise Enablement for WAS CD in PC CD drive
3. Enter your iSeries system name, ID, and password
4. Select the language for the install and click Next.



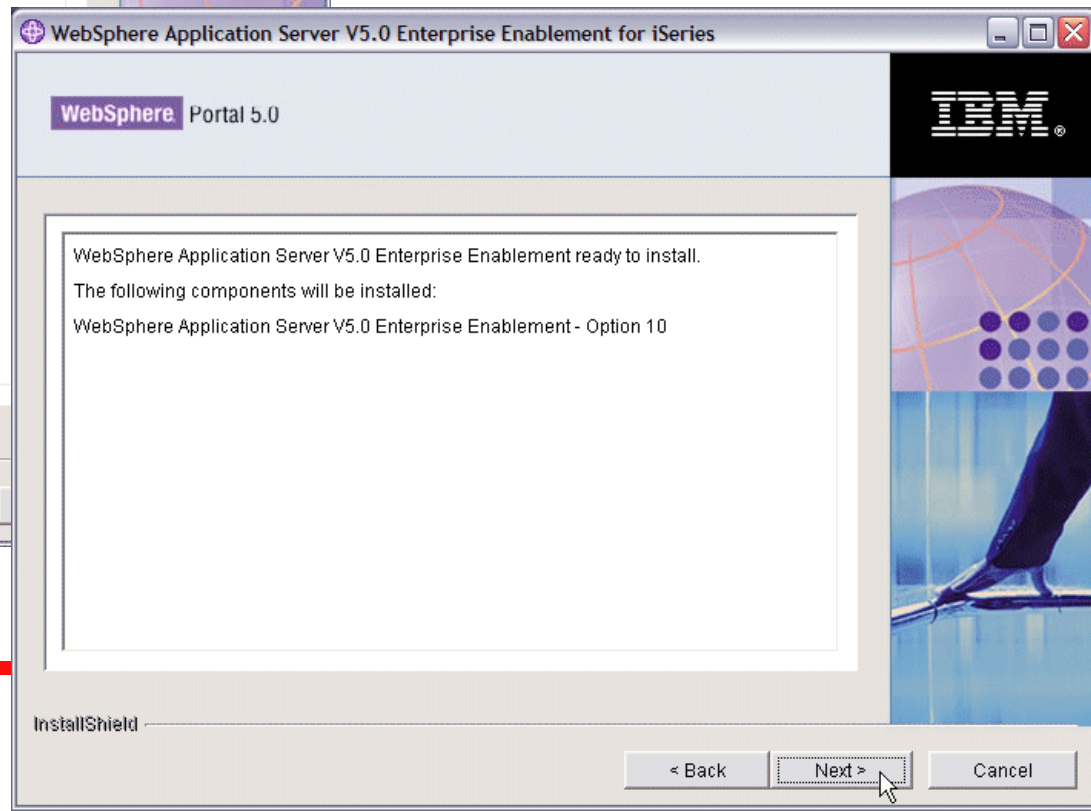
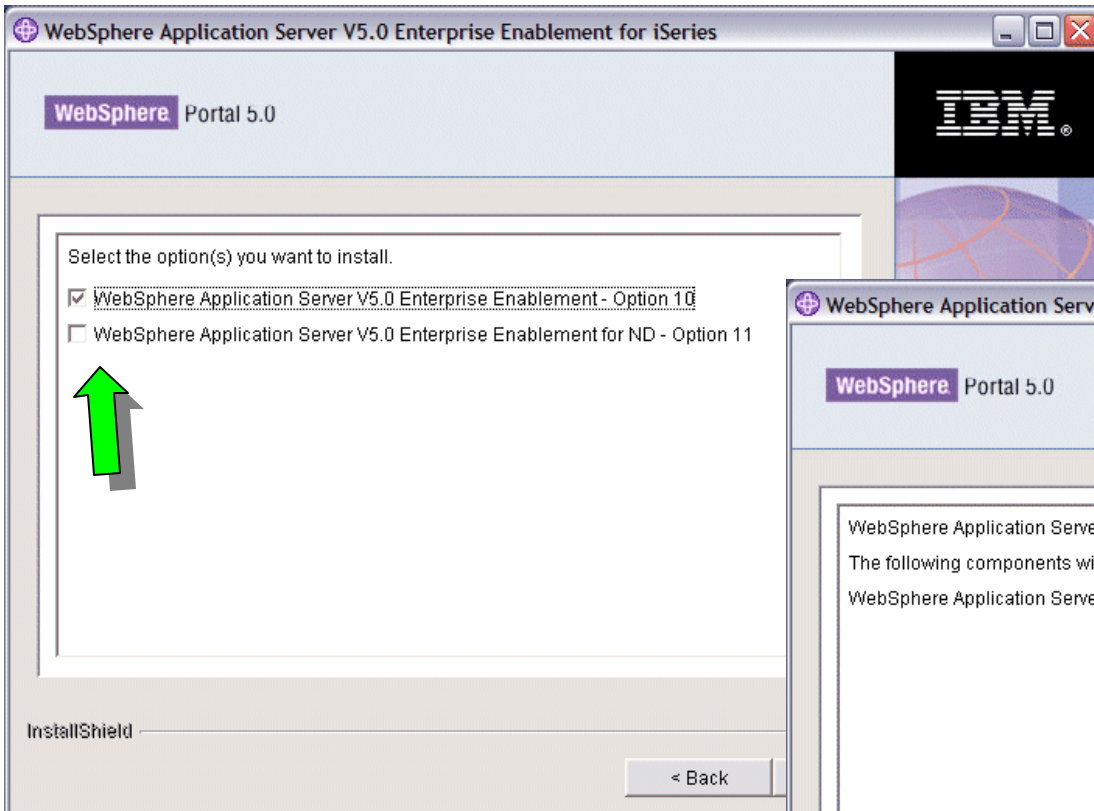
Remote Install of Enterprise Enablement for WAS (2 of 5)

5. The WebSphere Application Server V5.0 Enterprise Enablement welcome screen appears. Click Next.
6. Review the license agreement. Select “I accept...” the terms of the licensing agreement and click Next.



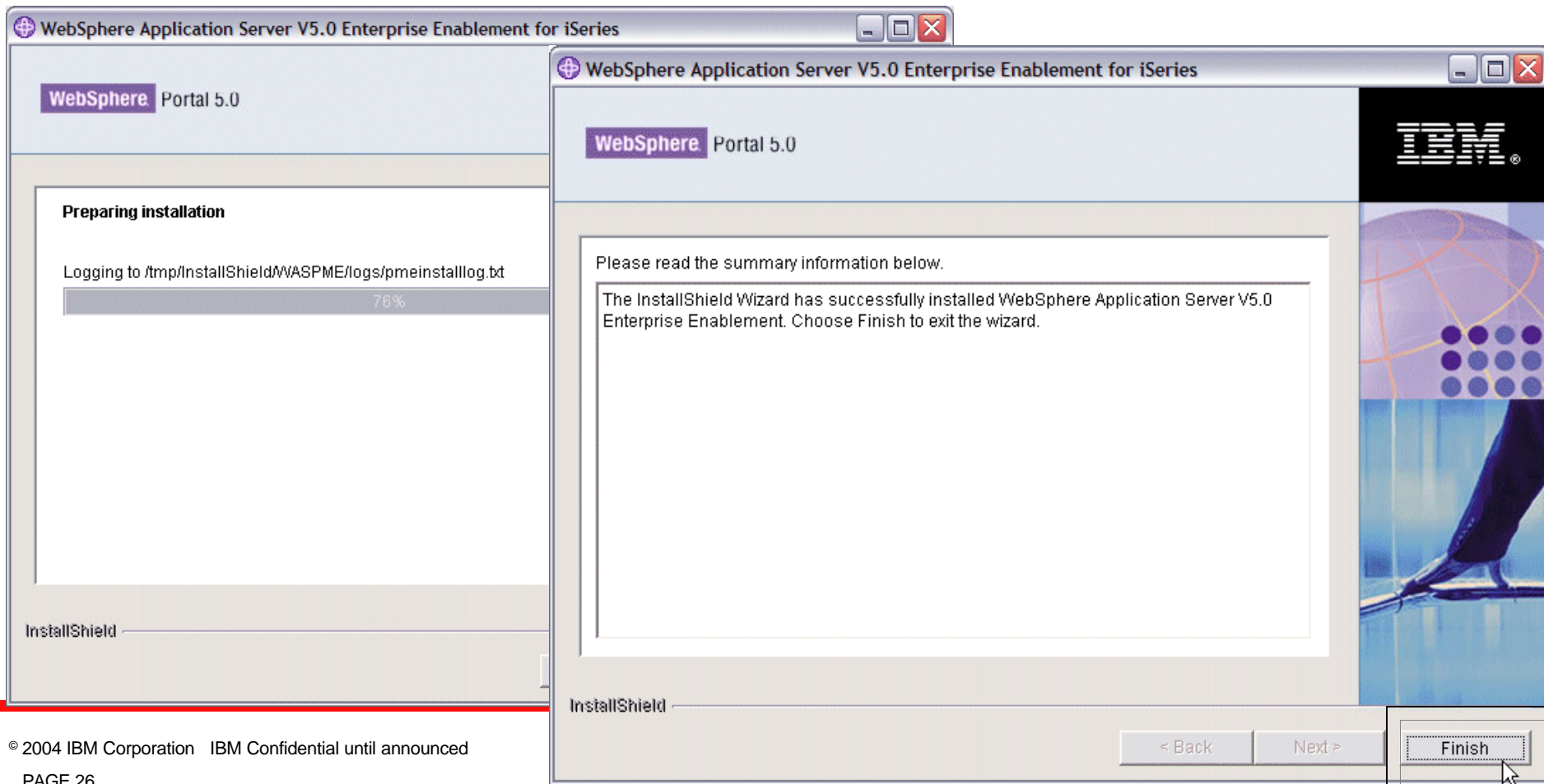
Remote Install of Enterprise Enablement for WAS (3 of 5)

7. Select which version of WebSphere Application Server V5.0 Enterprise Enablement to install and click Next.
8. View the install summary information and click Next.



Remote Install of Enterprise Enablement for WAS (4 of 5)

9. Installation progress is displayed during install.
10. When WAS V5.0 Enterprise Enablement finishes installing, the installation program will display a confirmation panel. Click Finish.



Remote Install of Enterprise Enablement for WAS (5 of 5)

11. Install the latest WebSphere Application Server V5.0 Enterprise Enablement PTFs included on CD 1-13. **Check Release Notes for latest information on available PTFs.**
12. Review the messages in the install log:
 - `wrklnk '/tmp/InstallShield/WASPME/logs'`
13. Select option 5, Display, by the file `pmeinstalllog.txt` and look for error messages. If there are no messages or no error messages, continue with the next step.
14. Verify that WAS V5 Enterprise Enablement (option 10) is installed:
 - a. **Go LICPGM** -> Option 10, Display installed licensed programs
 - b. Check that **5733WS5 option 10** is installed.
15. Verify that the WAS 5.0 Enterprise Enablement product option is installed with no errors
 - `CHKPRDOPT PRDID(5733WS5) OPTION(10)`

Remote Install of WebSphere Portal (1 of 7)

1. Log Portal install messages

- CHGJOB JOB(QSYS/QZBSJOB) LOG(4 00 *SECLVL)
- ENHOSTSVR SERVER(*RMTCMD)

2. Start Host Servers

- STRHOSTSVR SERVER(*SIGNON *RMTCMD)

3. Start the WebSphere Application Server subsystem

- STRSBS SBS(QEJBAS5/QEJBAS5)

4. Verify connectivity to the iSeries server:

- Ping *<yourhost.yourdomain>*

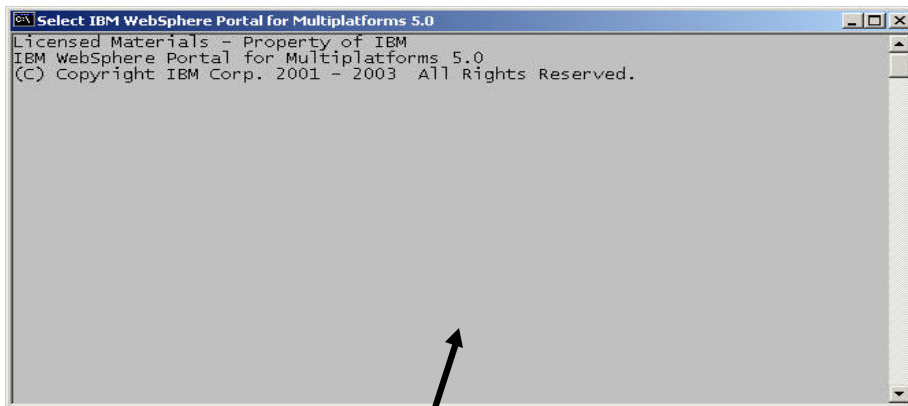
5. Insert the SETUP CD on your PC CD drive

WebSphere Portal Express v5
Core Components

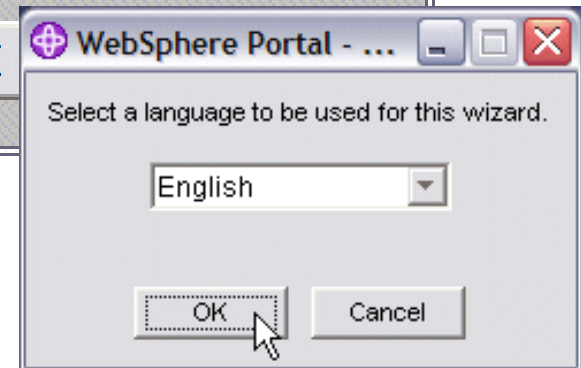
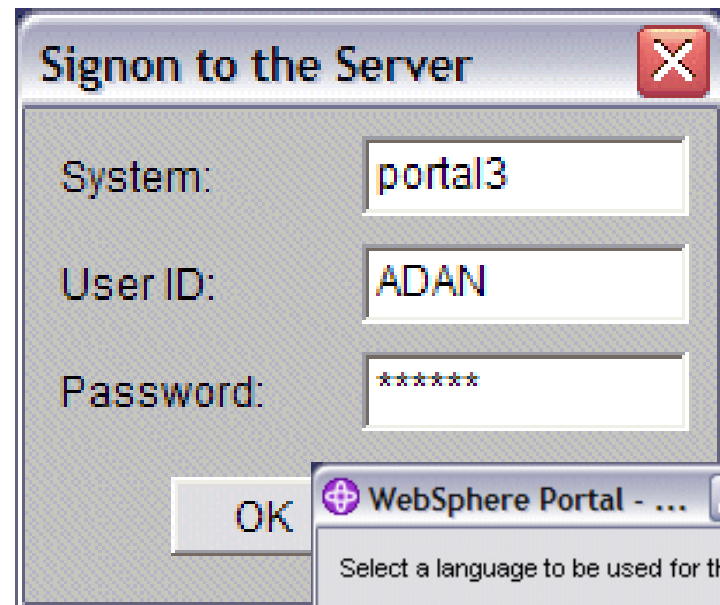


Install of WebSphere Portal (2 of 7)

6. Execute **install400.bat** from the **Setup** CD for WebSphere Portal v5 (Autorun will run it automatically)
7. Enter the iSeries system host name, user ID and password
8. Select the language

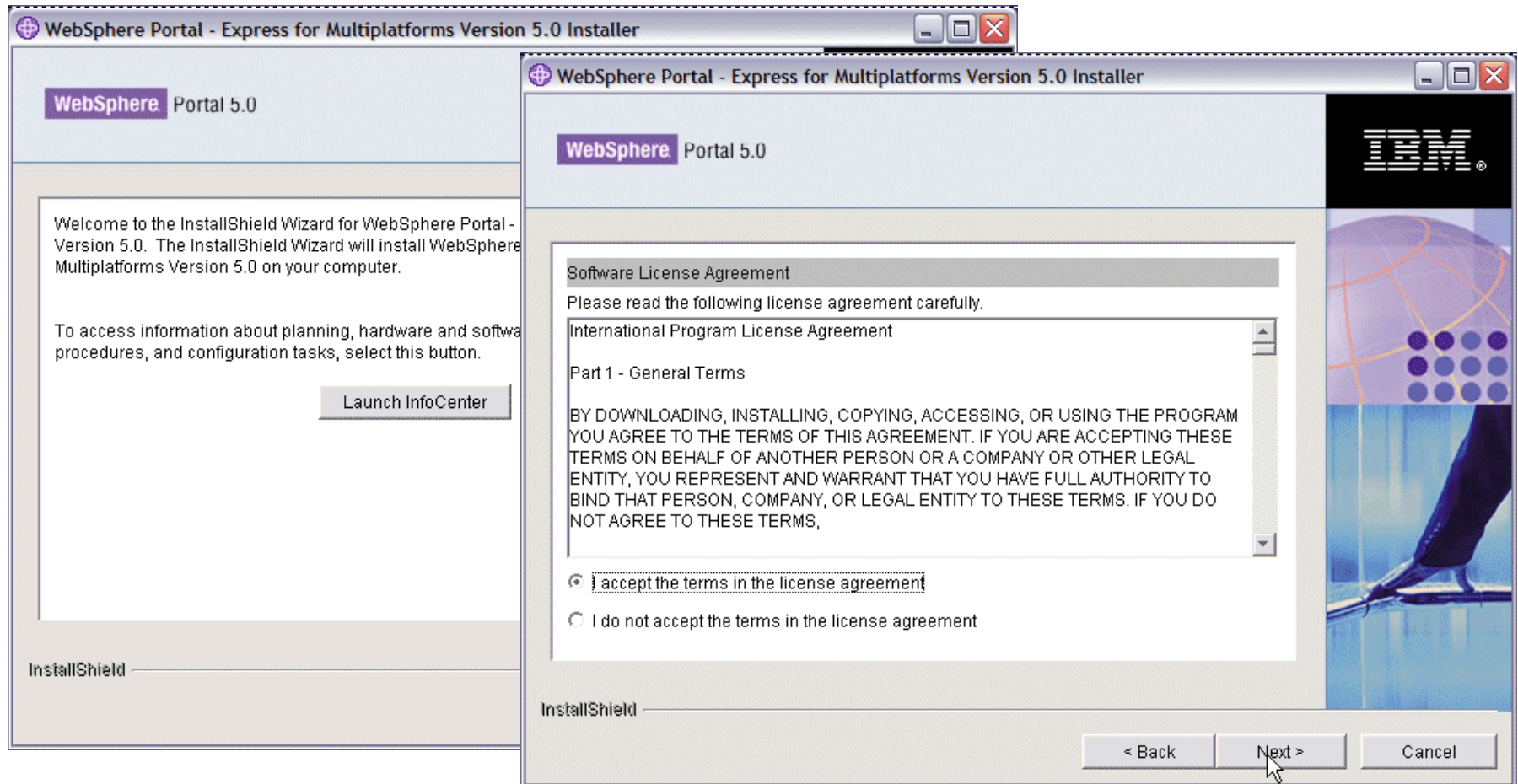


Stays open during Installation



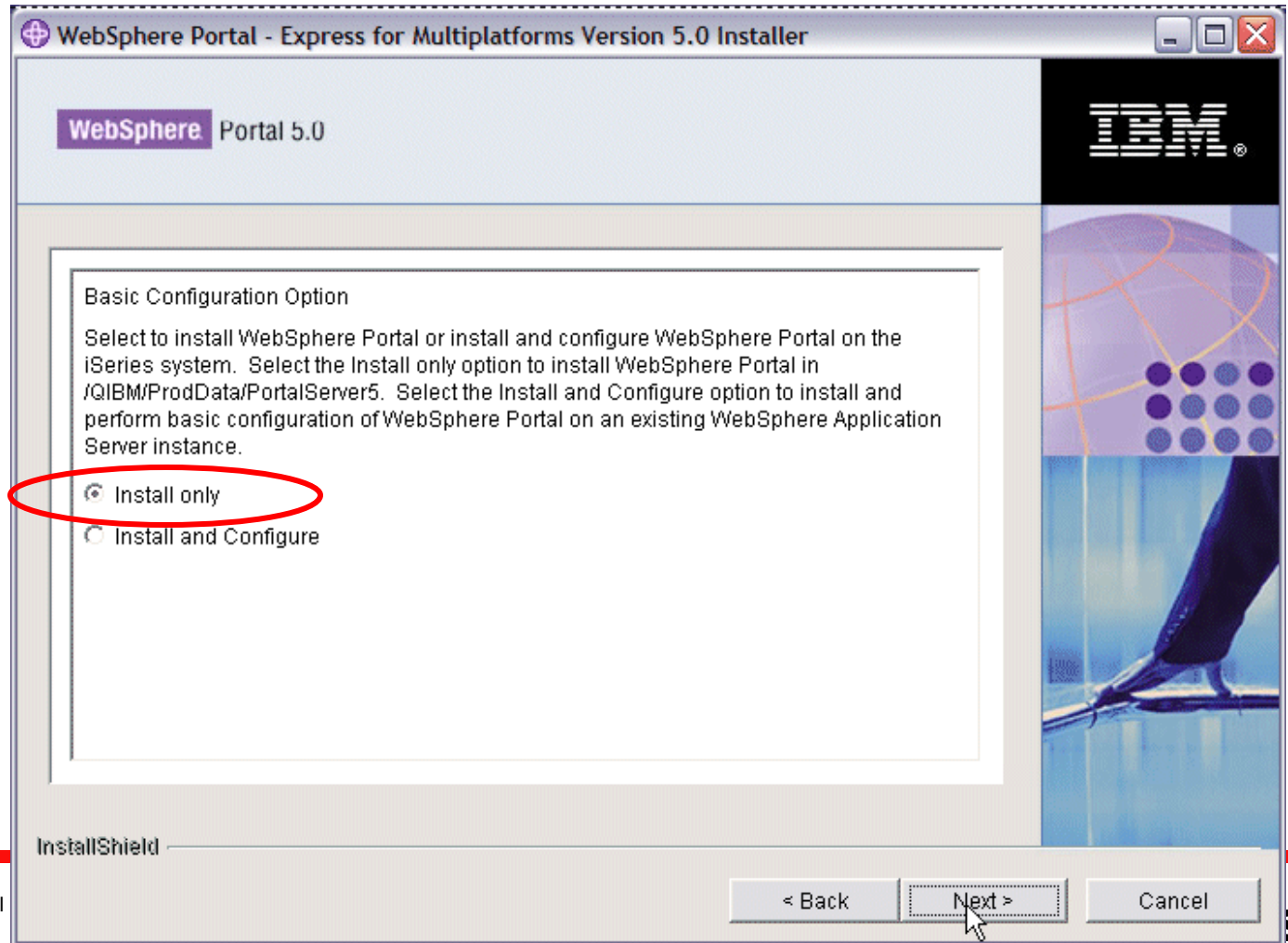
Install of WebSphere Portal (3 of 7)

9. The welcome screen and InfoCenter are displayed
10. Accept the agreement



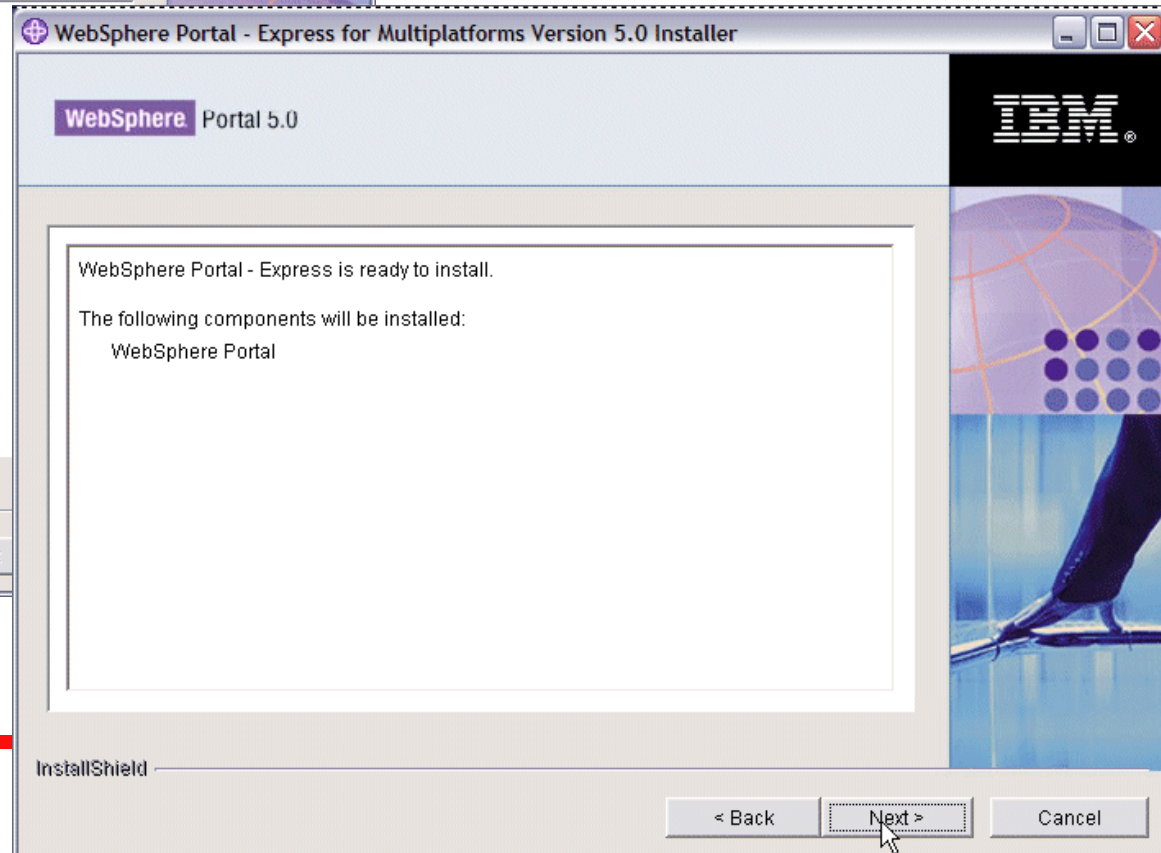
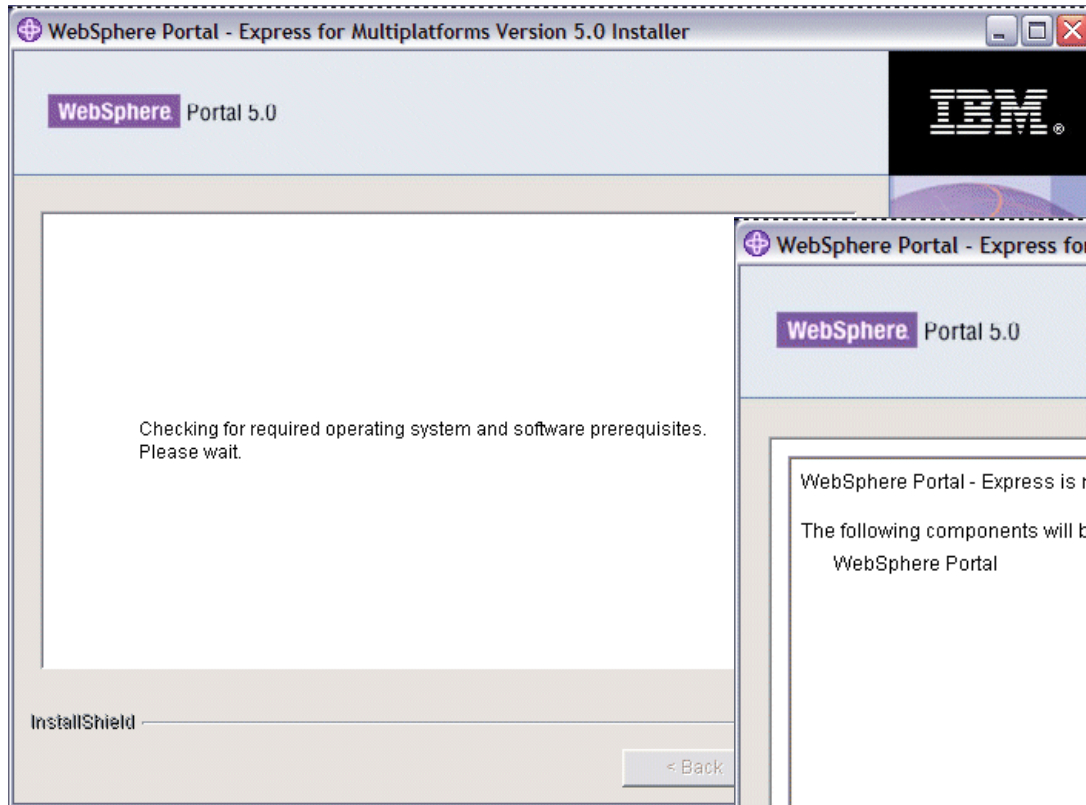
Install of WebSphere Portal (4 of 7)

11. Select **Install only** (recommended)



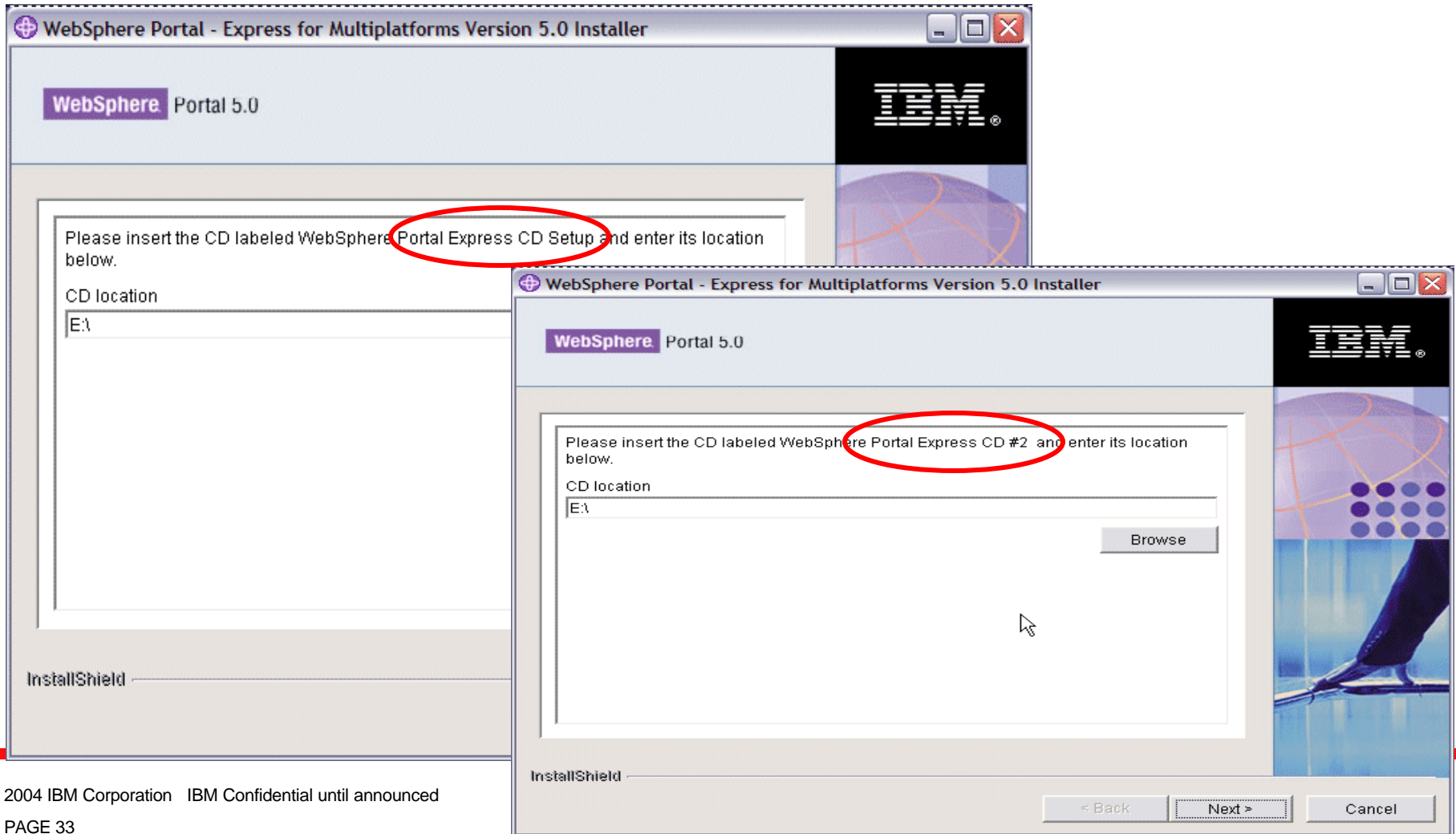
Install of WebSphere Portal (5 of 7)

12. Prerequisite checking in progress
13. A summary of the components to be installed is shown



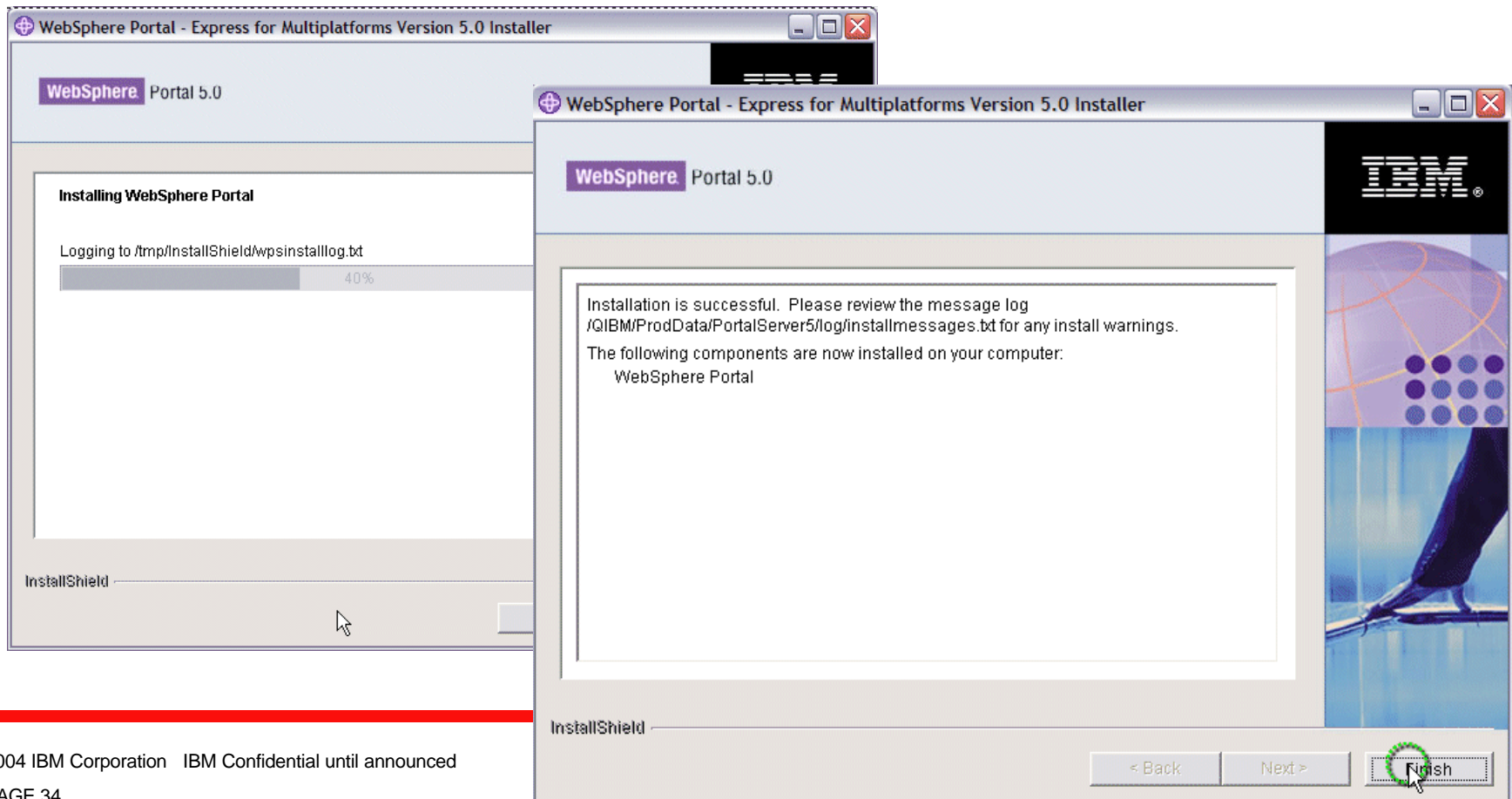
Install of WebSphere Portal (6 of 7)

14. Verify that the Setup CD is in the CD drive and click Next.
15. When prompted, insert the CD labeled CD2 in the CD drive and click Next.



Install of WebSphere Portal (7 of 7)

16. Monitor installation progress
17. Installation finished successfully – confirmation panel



Verifying Portal Installation with iSeries Navigator

- *Installed Products* view in iSeries Navigator
 - Verify that the following three items are in the list:
 - WebSphere Portal Server 5.0
 - WebSphere Portal Server 5.0 driver files for iSeries
 - WebSphere Portal Server 5.0 files for iSeries
- Properties file includes Portal version and fix information
 - \QIBM\ProdData\PortalServer5\WPS.properties



Verify installation - Portal in iSeries Navigator

iSeries Navigator

File Edit View Help

Last collected: 1/6/2004 1:24 PM

Central System: Portal3

Portal3: Installed Products

Product	Option
5769fnt	10
5769fnt	11
5769fnt	12
5769fnt	13
5769fnt	14
5769fnt	15
5769Int	Base
5769Int	1
5769Int	3
5769Int	4
5769Int	5
5769Int	6
5769Int	7
5769vg1	Base
5798rzg	Base
5799ptl	Base
Ibm websphere portal server	WebSphere Portal Server 5.0
Ibm websphere portal server	WebSphere Portal Server 5.0 driver files ...
Ibm websphere portal server	WebSphere Portal Server 5.0 files for iSe...

143 - 161 of 161 objects

Installation Best Practices – *Lessons Learned*

- ✓ Perform detailed pre-install planning to identify the topology and the required components
- ✓ Make sure you meet all the pre-requisites
- ✓ Read Information Center and Release Notes carefully
- ✓ Size your hardware with WLE
- ✓ Install only the required set of components
- ✓ Allocate more than few hours to complete the installation
- ✓ Install a test environment on a separate LPAR partition
- ✓ Lastly, follow the setup instructions to the word, all steps

Configuration – WebSphere Portal Configuration Wizard

Documented iSeries portal creation



118 individual
tasks
56 values*

174 doc steps!

iSeries portal creation wizards provided by iSeries

- Fifteen-step wizard (with security)



- One-step wizard (without security)



“The WebSphere Portal Wizard is a great improvement over WebSphere Portal 4.1 for iSeries and the current WebSphere Portal for NT install and configuration.”
- Bleddyn Williams, Morpheus, 10/03

15 steps
5 values*
1 step
1 value*

Use the WebSphere Portal Wizard Worksheet...

<http://publib.boulder.ibm.com/series/v5r2/ic2924/info/rzaie/rzaiewpchecklist.htm>

The planning worksheet lists the information needed for installing the WebSphere Portal server and its components. Fill in the table with values appropriate for your iSeries server and do not assume the default values listed within the table are correct. When possible, the Create WebSphere Portal wizard provides iSeries and LDAP server system values for you. These values are noted in the planning worksheet.

Form and field name

Write your value here

Step 1: Create WebSphere Application Server for the Portal - Specify Name

The first step is to create a new WebSphere Application Server for your WebSphere Portal server. The wizard creates a new WebSphere Application Server for you with the specified name. You cannot use an existing application server. The name must be unique within your WebSphere Application Server installation. If the name you type is currently used by another application server, the wizard displays a warning. The wizard creates the application server, updates the virtual host information for the HTTP Server (that is specified in the next step), updates the Web server plug-in, and creates the necessary JDBC providers and datasources that are required for WebSphere Portal.

- **Application server name:** Specifies a name for the application server that identifies the application server. The name can be any alphanumeric value. Names cannot contain a blank or any of the following special characters: & ! @ % * : \ / # ; ? , = ^ < > | + ' " () { } [] . The name must be unique. A default application server name is entered for you. This default value is unique.

Example: *WAS5Portal5*

- **Server description:** Specifies a description for the application server. This field is optional. You can use this field to identify your application server throughout the IBM Web Administration for iSeries interface. A default description is entered for you. This field is optional.

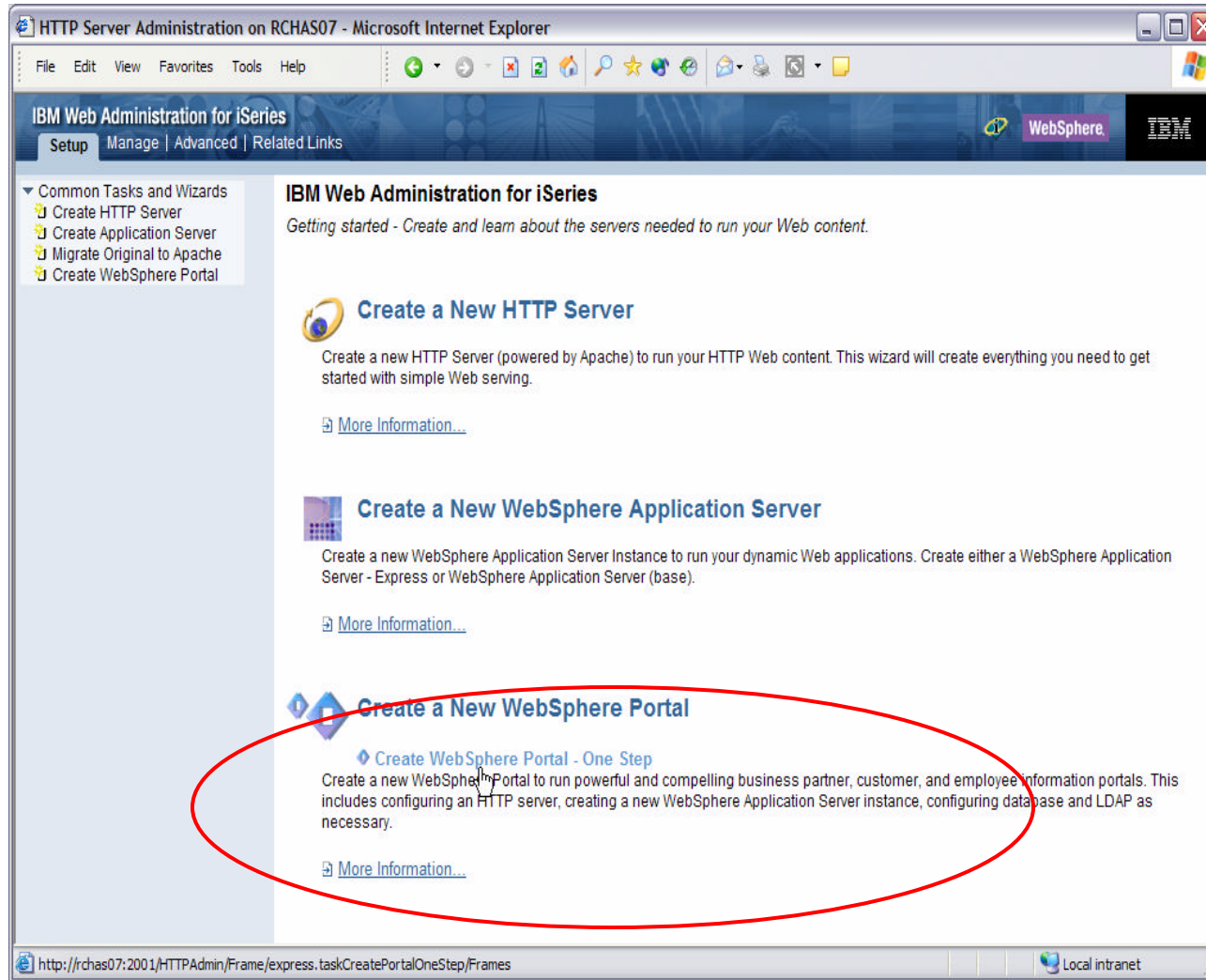
Example: *WebSphere Portal server WAS5Portal5, created by the portal wizard*

Portal Wizard config parameters contained in this worksheet. A great place to start!

Step 2: Select HTTP Server Type

The application server requires an association with an HTTP Server. The HTTP Server routes incoming requests from Web clients to the application server. Using an external HTTP Server is the recommended method for a production Web server. The application server has its own internal HTTP Server, but it is recommended that it only be used for development as it is not enabled for production level security. Using an HTTP Server (powered by Apache) gives you

Configuration - Portal configuration wizard



Two New Wizards

-**Create WebSphere Portal.** Create and configure everything necessary for a full function portal server including security.

-**Create Portal, One Step.** Create a portal server with no security. All values are defaulted for the user.

http://iserieshostname:2001

Configuration - Create a WebSphere Application Server

HTTP Server Administration on PORTAL9 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

IBM Web Administration for iSeries

Setup Manage Advanced Related Links

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal

Create a WebSphere Application Server for the Portal - Specify Name

Specify a unique name for the application server.?

Application server name: WAS5Portal2

Server description: WebSphere Portal server WAS5Port

Back Next Cancel

Done Local intranet

Provide a unique Application Server name. WebSphere Portal runs as a WebSphere application server instance.

Configuration - Create a new HTTP server (powered by Apache)

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Select HTTP Server Type

The application server requires an association with a HTTP server. This HTTP server will route the incoming URL requests to this application server.

Choose the HTTP server type: ?

Create a new HTTP server (powered by Apache)

Select an existing HTTP server (powered by Apache)

Select HTTP server type

Define

- ✓ HTTP Server Name
- ✓ IP Address
- ✓ Port

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Create a new HTTP server (powered by Apache)

A new HTTP server (powered by Apache) will be created and configured to be used by this application server. ?

HTTP server name:

HTTP server description:

Your HTTP server may listen for requests on a specific IP address or on all IP addresses of the system

On which IP address and TCP port would you like your HTTP server to listen?

IP address:

Port:

Note: Most browsers make requests to port 80 by default.

Back Next Cancel

Configuration - Internal ports used by the Application Server

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Specify Internal Ports Used by the Application Server

The WebSphere application server uses several internal services such as internal HTTP transport service, Simple Object Access Protocol (SOAP) service, name service, and several other services to perform its processing. In order for these services to be configured, you must provide a block of 12 consecutive ports that are currently not in use on your system. Specify the first TCP port number in the range and the wizard will assign the ports that are to be used by each internal service. For example, if 20202 is entered as the first port in the range, then ports 20202 to 20213 will be configured.

First port in range: ?

- ✓ Select the first in a range of 12 consecutive available ports for the Express instance to use.
- ✓ Example: start at port 25001
 - ✓ port 25001 - RMI port
 - ✓ port 25006 - SOAP port
 - ✓ port 25010 - WAS Express internal HTTP server port
 - ✓ port 25011 - HTTP port for the full function console
 - ✓ port 25012 - HTTPS port for the full function console
- ✓ Click the **Next** button.

Back Next Cancel

Configuration - Create DB2 Database for Portal

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Create DB2 Database for Portal

The WebSphere Portal requires a database to store the customized portal information, settings, and Web pages. A DB2 database on this local iSeries or on a remote iSeries will be created for use by WebSphere Portal.

Specify the collection, schema, or library name to use for the database: ?

Create a new collection on this local iSeries

Collection, Schema, or Library name:

Create a new collection on a remote iSeries

Select a name for the DB2 database (local or remote) created for portal to use.

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Specify User ID to Own the Portal Database

The local database that is being created for the WebSphere Portal needs to be owned by an iSeries user ID. It is recommended that a special user ID be specified whose only purpose is to own the database. This prevents the database from being associated with a specific user whose user ID may be removed in the future. This specified user ID must have a password associated with it. Using a profile named 'WPSDBUSER' is recommended.

Specify an iSeries user profile to own this DB2 database: ?

Use an existing user ID on this local system

Create a new user ID on this local system

User name:

Password:

Confirm password:

Specify User ID/password
This userid will own the portal database.

Configuration - Create URL path and Proxy server

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2


Create a default URL path, portal path, and personalized path

To access the portal server you need to provide a base URI for the default URL path. Any URL that starts with this URI will be reserved for the portal server. In addition, the portal default home path is used to access the portal home Web page. The personalized path is the path to the user's customized pages.

Specify URI values: ?

Default URL path:	<input type="text" value="wps"/>	e.g. http://atsi5p2.rchland.ibm.com:1000/wps/portal
Default home path:	<input type="text" value="portal"/>	e.g. http://atsi5p2.rchland.ibm.com:1000/wps/portal
Personalized path:	<input type="text" value="myportal"/>	e.g. http://atsi5p2.rchland.ibm.com:1000/wps/myportal

Specify a URI and paths for the portal home page



IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Configure Proxy Information for Content Access Service

Some intranet security configurations require a proxy server for accessing content outside the intranet. A proxy server is used to allow users to access Web sites outside of their company's firewall, to provide better access times by using caching, and to limit port access. If you are unsure if your company uses a proxy server, please contact your network administrator.

If you specify to use a proxy server on this page, all portlets that use the content access service to retrieve data from sources that reside outside your local network will use the proxy server to retrieve this data. Not all portlets use the content access service so you may need to modify those portlets individually to use your proxy server to obtain external data. Some portlets included with the Business portlets do not use the content access service. Please refer to the "Troubleshooting Portlets" section of the Websphere Portal InfoCenter for instructions on configuring these portlets to use a proxy.

Specify proxy server: ?


Do not use proxy

Use proxy

Hostname:

Port:

Configure a proxy server if needed to accessing content outside of the intranet.



Configuration - Select Portlets for Deployment

Common Tasks and Wizards

- ▶ Create HTTP Server
- ▶ Create Application Server
- ▶ Migrate Original to Apache
- ▶ Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Deploy Default Portlets

WebSphere portal includes a variety of portlets that can be optionally deployed and used in your portal pages. The Administrative portlets and Themes and Skins will always be deployed.

Specify portlets to deploy: ?

- Administrative portlets** - These portlets allow you the ability to easily and efficiently administer the content and resources of your portal server, deploy new portlets, and control who has access to the portal server.
- Themes and Skins** - These easily customize the look and feel of your portal.
- Business portlets** - These portlets provide connectivity and integration to allow access to enterprise data, external newfeeds, weather, newsgroups, or even your trading partners' applications.
- Portal Document Manager (PDM) portlets** - These portlets streamline complicated document management processes by providing a centralized location for documents as well as built-in methods for tracking changes and comments from members of the work team. They provide protection for the documents by controlling who has read or write access. Document Manager is an ideal solution for diverse and widespread workgroups needing a single focal point to control document processes.
- Lotus Collaborative portlets** - These portlets provide access to a variety of Notes-based applications such as e-mail, calendar, to-do list, discussion, team room, contacts, and notebook, as well as to other Lotus applications such as knowledge management, instant messaging, quickplaces, and document management.
- iSeries Access portlets** - These portlets allow you to access information on your iSeries servers through a Web browser. iSeries Access portlets include the following: 5250 portlet - run commands and access full-screen 5250 character-based applications; Other iSeries Access for Web features including: Integrated file system browsing, Printer output, Spooled files, and Database including dynamic queries and save requests.
- Lotus Collaboration Center** - These portlets provide users immediate access to a searchable directory of people that is integrated with their workplaces and their e-meetings within the collaborative portal. Users can find people in the directory, see their online status, and interact with them using instant messaging and other actions provided by people links. In addition to search features, the People Finder provides views of each person's directory record and his or her place in the organizational context. People links are visible in workplaces and e-meetings to make employee interaction fast and easy, improving personal and organizational productivity.

Portlets shipped with Portal Express



✓ In WPortal V5.0.2.2, Lotus Collaboration Center is "disabled" because a Portal server instance must be created before Collaboration Center can be installed and configured.

Back Next Cancel

Lotus Collaborative Components - servers



Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Configure Lotus Collaborative Components

Lotus Collaborative Components provide the building blocks for integrating the functionality of Lotus Domino, Lotus Sametime, and Lotus QuickPlace Server into portals and portlets. To use Lotus Collaborative Components, you must use the Lotus companion products (Lotus Sametime and Lotus QuickPlace Server). In addition, you can configure Lotus Collaborative Components to use Domino Directory as the LDAP server.


Choose the collaborative components to configure: ?

- Lotus Sametime - Real-time collaboration software with online awareness, instant messaging, application sharing and virtual meetings which allows your employees, customers, business partners, and suppliers to easily interact with one another in real-time.

 Hostname:

Port:


- Lotus QuickPlace - Web-based solution for creating team workspaces for collaboration. With QuickPlace, non-technical professionals can instantly create an electronic shared workspace to support a task, project, or initiative.

 Hostname:

Port:

Integrate LDAP server and collaborative components:

- Lotus Domino Directory - These portlets provide better integration with one or more of the above Collaborative Components with Domino. Configure them to use the Lotus Domino Directory as their LDAP server.

 Error: A value is required for this field.

Provide the Sametime and Quickplace servers. The Wizard will validate.

Secure Application Server and WebSphere Portal with LDAP

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere



Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Secure Application Server and WebSphere Portal with LDAP

Determine if your WebSphere Portal requires security. Do you wish to control who has access to this portal environment? If so, the following steps will secure this portal server.

- Global security will be turned on for the application server.
- You will need to provide access to an LDAP server which will be used to populate the portal users and to provide security to the portal server.
- The LDAP server must be active and you must provide the administrator password.
- The wizard will update the LDAP server with the required application server and portal information.
- Single Signon (SSO) will be configured for the application server.

Secure server using LDAP?:

- No, do not secure this server
- Yes, secure this server using LDAP

LDAP server host name: e.g. "hostname.domain.com"

LDAP port:

Note: If you are planning to use the Lotus Collaborative portlets, it is recommended that you use a Domino Directory for the LDAP server.

Selecting to secure the Portal using LDAP will prompt you with more wizard screens

- ✓ **LDAP Server (IBM Directory server) should be configured.**
- ✓ **LDAP administrator password will be needed.**
- ✓ **Provide Portal administrator user/password and group names**
- ✓ **Use the Planning Worksheet !**

Single Signon (SSO) and Look-Aside Database

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Web Server Single Signon (SSO) Configuration Parameters

Web Server Single Signon (SSO) will be configured by the wizard. SSO is a mechanism where a single user signon action permits access to

Server Single Signon (SSO) to reduce authentication

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Configure Identity Token SSO for Web to iSeries Access

Identity Token SSO is a mechanism where a single user signon action permits access to multiple iSeries servers. This allows your Web-based interfaces to access iSeries back-end applications without having to prompt for additional authentication. Identity Tokens are implemented using Enterprise Identity Mapping (EIM). EIM maintains the relationships between Web users and iSeries user profiles. The application server creates a token for the servers configured to support Identity Tokens in this EIM Domain.

Note: EIM is hosted on an LDAP server that must be configured and running before continuing.

Identity Token SSO needs EIM Server

IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal, V5.0.2.2

Configure Look-Aside Database

The Portal server has been configured to use an LDAP directory to store the user account information for security. This information is referred to as user registry information and includes user and password information. The LDAP directory may also be extended to contain additional user preference information such as e-mail addresses and phone numbers. This additional information is user repository information. If your LDAP directory can be extended to contain both user registry and user repository information, a look-aside database is not needed. However, if the LDAP directory cannot store all the profile information, the WebSphere Portal database can be used as a look-aside database for storing the additional profile information. If you think that you need the look-aside database you must configure it now. If you choose to use the look-aside database at a later time, you will need to reconfigure your LDAP security configuration.

Specify whether the look-aside database should be used to extend your LDAP directory: ?

- No, do not configure the look-aside database
- Yes, configure the look-aside database

Extend an LDAP Server

Configuration - Summary Page

The screenshot shows a web browser window titled "HTTP Server Administration on PORTAL9 - Microsoft Internet Explorer". The page is for "IBM Web Administration for iSeries" and is in the "Setup" phase. The main heading is "Create WebSphere Portal" with a "Summary" section. A summary paragraph states: "When you click Finish, everything necessary to run your WebSphere Portal will be created. Please note that you will need to be patient during this process as the creation and configuration may take some time to complete. You can monitor the progress from the portal server introduction page that will display after the Finish button has been clicked." Below this is a navigation bar with tabs: "Application Server", "HTTP Server", "Portal", "Portal Security", and "Deploy Portlets". The "Portal" tab is selected. Configuration details are listed: "Application server name: WAS5Portal2", "Server description: WebSphere Portal server WAS5Portal2, created by the portal wizard", "Internal port range: 10027 - 10038", "Virtual host: default_host", and "Server secured: No". A green arrow points to the text: "Your new WebSphere Portal will be created when you click the Finish button. When it is finished the URL will be 'http://portal9.rchland.ibm.com:10026/wps/portal'". At the bottom, there are "Back", "Finish", and "Cancel" buttons, and a "Printable Summary" button circled in red. The system tray shows "Local intranet".

HTTP Server Administration on PORTAL9 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

IBM Web Administration for iSeries

Setup Manage Advanced Related Links

WebSphere IBM

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Create WebSphere Portal

Summary

When you click Finish, everything necessary to run your WebSphere Portal will be created. Please note that you will need to be patient during this process as the creation and configuration may take some time to complete. You can monitor the progress from the portal server introduction page that will display after the Finish button has been clicked.

Application Server HTTP Server Portal Portal Security Deploy Portlets

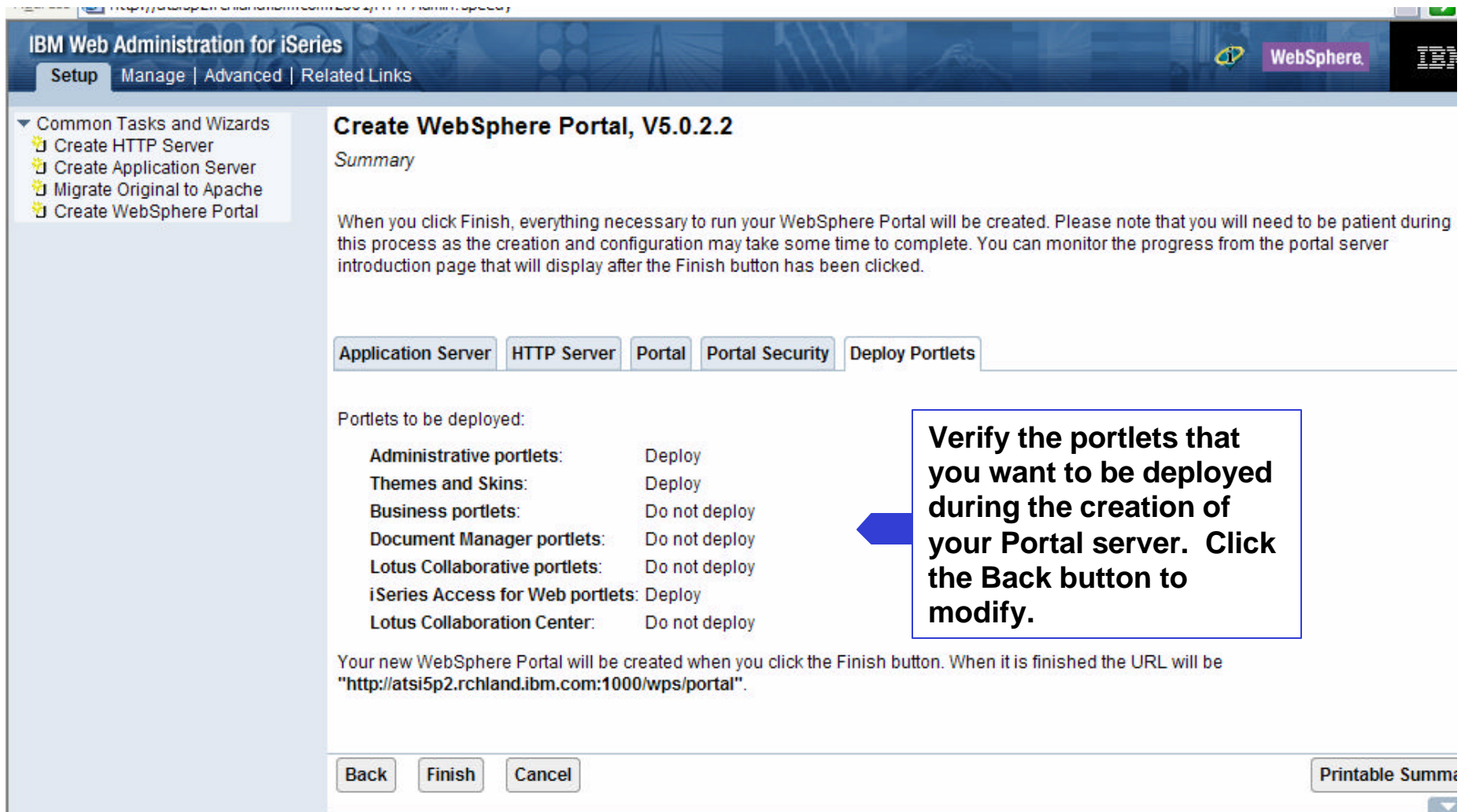
Application server name: WAS5Portal2
Server description: WebSphere Portal server WAS5Portal2, created by the portal wizard
Internal port range: 10027 - 10038
Virtual host: default_host
Server secured: No

Your new WebSphere Portal will be created when you click the Finish button. When it is finished the URL will be "http://portal9.rchland.ibm.com:10026/wps/portal".

Back Finish Cancel Printable Summary

Local intranet

Summary – selected Portlet for deployment



IBM Web Administration for iSeries

Setup | Manage | Advanced | Related Links

WebSphere

Create WebSphere Portal, V5.0.2.2

Summary

When you click Finish, everything necessary to run your WebSphere Portal will be created. Please note that you will need to be patient during this process as the creation and configuration may take some time to complete. You can monitor the progress from the portal server introduction page that will display after the Finish button has been clicked.

Application Server | HTTP Server | **Portal** | Portal Security | Deploy Portlets

Portlets to be deployed:

Administrative portlets:	Deploy
Themes and Skins:	Deploy
Business portlets:	Do not deploy
Document Manager portlets:	Do not deploy
Lotus Collaborative portlets:	Do not deploy
iSeries Access for Web portlets:	Deploy
Lotus Collaboration Center:	Do not deploy

Your new WebSphere Portal will be created when you click the Finish button. When it is finished the URL will be "http://atsi5p2.rchland.ibm.com:1000/wps/portal".

Back | Finish | Cancel

Printable Summary

Verify the portlets that you want to be deployed during the creation of your Portal server. Click the Back button to modify.

Manage All Servers

IBM Web Administration for iSeries

Setup **Manage** Advanced | Related Links

All Servers HTTP Servers | Application Servers | ASF Tomcat Servers

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

Manage All Servers ?

All HTTP Servers All Application Servers **All ASF Tomcat Servers**

Data current as of 00:46:38 PM CDT on 10/13/2004

Server ▲	Version	Status	Address:Port
<input checked="" type="radio"/> Asue51Exp/Asue51Exp	WAS - Express, V5.1	Stopped	*:50000,50005,50009,50010,50011,500
<input type="radio"/> default/server1	WAS, V5.0 (base)	Running	*:2809,8880,9043,9080,9090
<input type="radio"/> iSeriesNavigatorForWireless/iSeriesNavigatorForWireless	WAS - Express, V5.1	Stopped	*:8111,8116,8120,8121,8122,8123
<input type="radio"/> sandratest/sandratest	WAS, V5.0 (base)	Stopped	*:10080,10085,10089,10090,10091
<input type="radio"/> SYSINST/ADMIN	WAS - Express, V5.0	Running	*:6220,6225,6229,6230,6231
<input type="radio"/> WAS51Exp/WAS51Exp	WAS - Express, V5.1	Running	*:9200,9205,9209,9210,9211,9212
<input type="radio"/> WAS5Portal/WAS5Portal	WAS, V5.0 (portal)	Stopped	*:20101,20106,20110,20111,20112

Refresh Start Stop Restart

Manage Details Delete Rename

Manage a server

IBM Web Administration for iSeries

Setup **Manage** Advanced | Related Links

All Servers | HTTP Servers **Application Servers** ASF Tomcat Servers

Stopped Instance/Server: WAS5Portal/WAS5Portal - WAS, V5 (portal)

Common Tasks and Wizards

- Create HTTP Server
- Create Application Server
- Migrate Original to Apache
- Create WebSphere Portal

WAS Wizards

- Create Virtual Host
- Create JDBC Provider
- Create Data Source
- Deploy IBM Telephone Directory
- Deploy IBM Survey Creator

Server Properties

- Server Tracing
- Server Ports
- View HTTP Servers

Applications

- Manage Installed Applications

Resource Configuration

- Manage Virtual Hosts
- Manage JDBC Providers
- Manage Data Sources

Problem Determination

- View Logs
- View Creation Logs

Tools

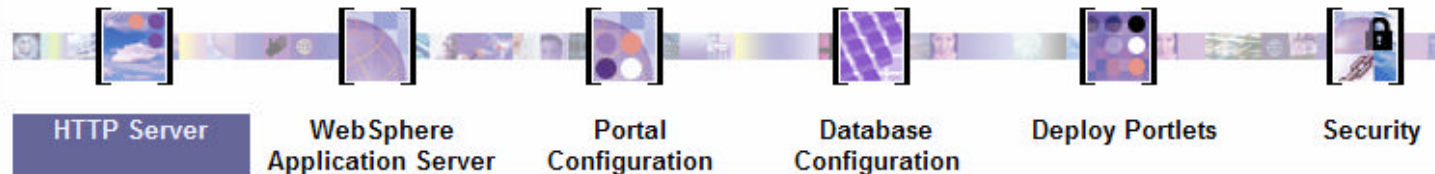
- Launch Administrative Console

Manage WebSphere Application Server (portal), "V5"

Instance: WAS5Portal Server: WAS5Portal

WebSphere Portal server WAS5Portal, created by the portal wizard

The WebSphere Application Server "WAS5Portal" has been configured as a portal server.
To access your portal server click on the following URL: <http://atsi5p2.rchland.ibm.com:20100/wps/portal>



The HTTP server is the 'front end' server to the WebSphere Portal. All URL requests are handled by the HTTP server and then routed to the portal server. This allows for more robust security within your network and for greater scalability since the HTTP server can handle static page requests.

[Manage this HTTP server.](#)

Refresh this status page.

- ✓ This Wizard is **UNIQUE** to iSeries
- ✓ Portlet management and Portal administration is done from the Portal Administrator web site.

Preparing for Administration of Portal and Portlets

- **WebSphere Portal Administration Essentials**

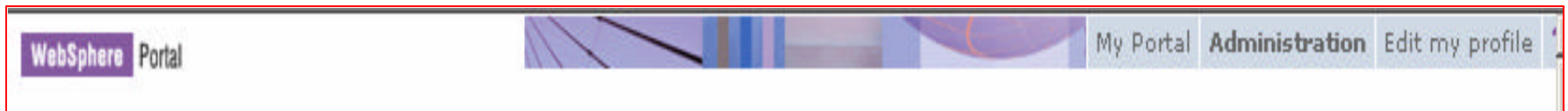
- User and Group Management
- Portal Application Administration
- Page Layout and Design
- Access Control Administration
- General Administration

- **New Admin Portlets**

- Manage Pages
- Manage Users and Groups
- Resource Permissions
- User and Group Permissions
- URL Mapping
- Custom Unique Names

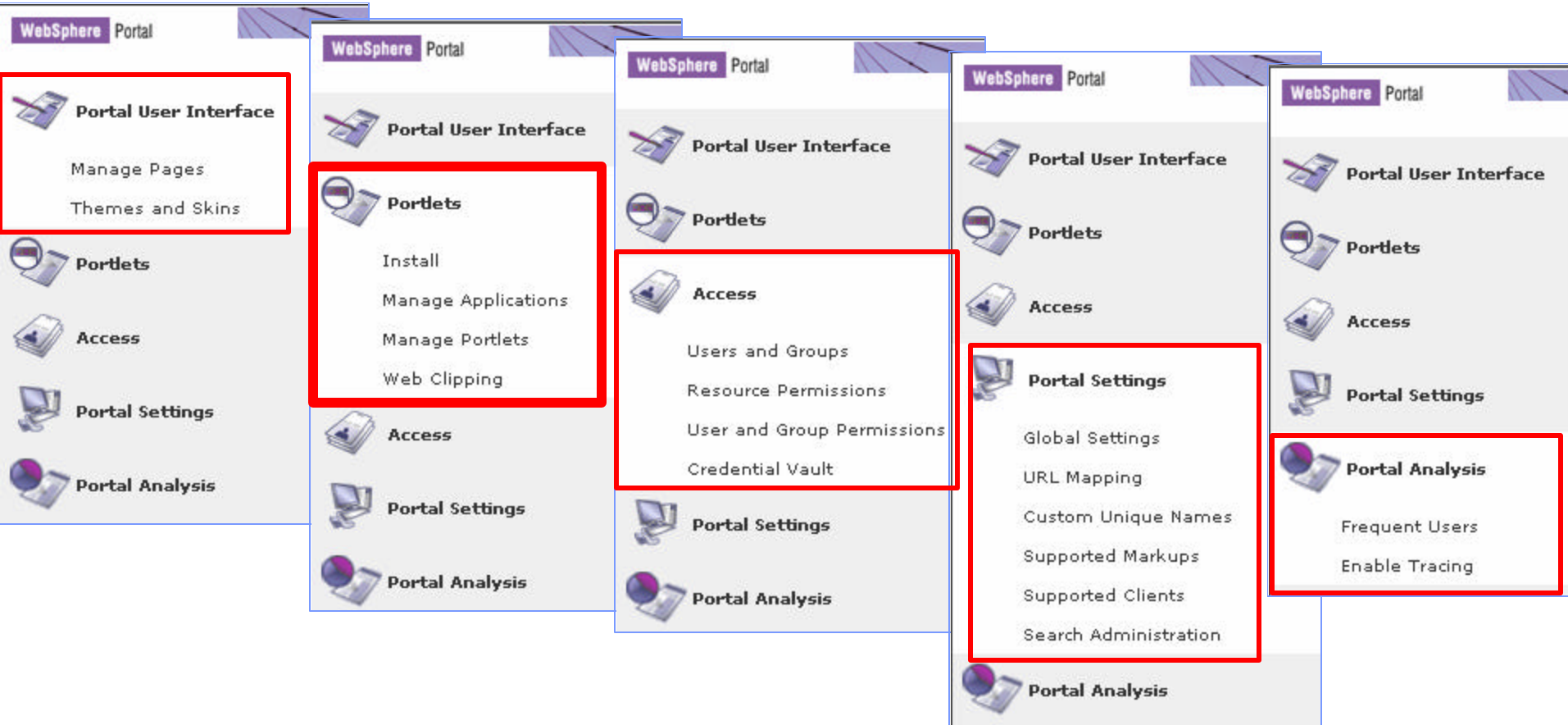
<http://hostname:port/wps/portal>

Select Administration



WebSphere Portal V5 Administration

My Portal **Administration** Edit my profile ? Log out



iSeries and WebSphere Portal Express

What's next?

- ✓ Out of the Box Scenarios for connection to back-end applications
- ✓ Portlet Catalog

Out of the Box Experience

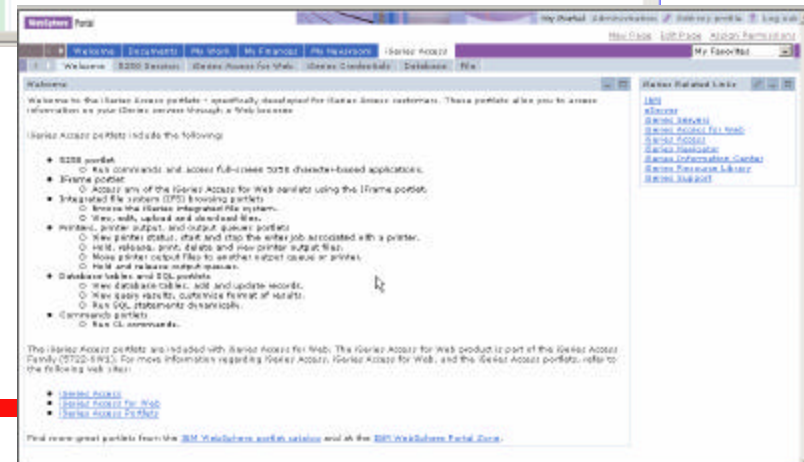
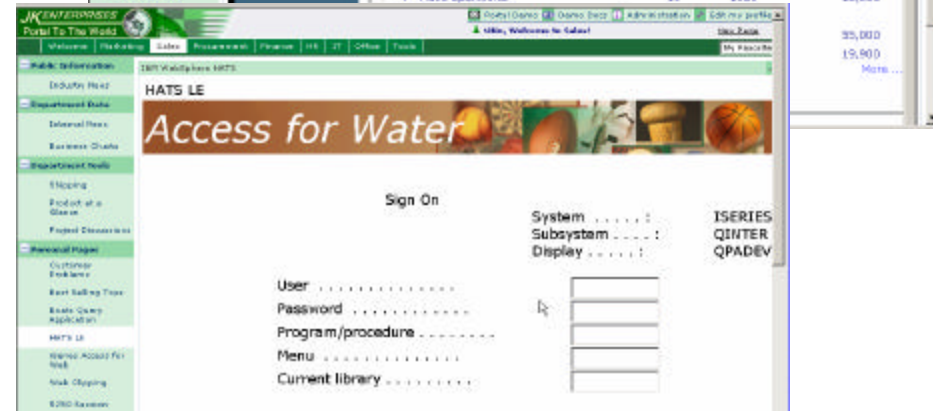
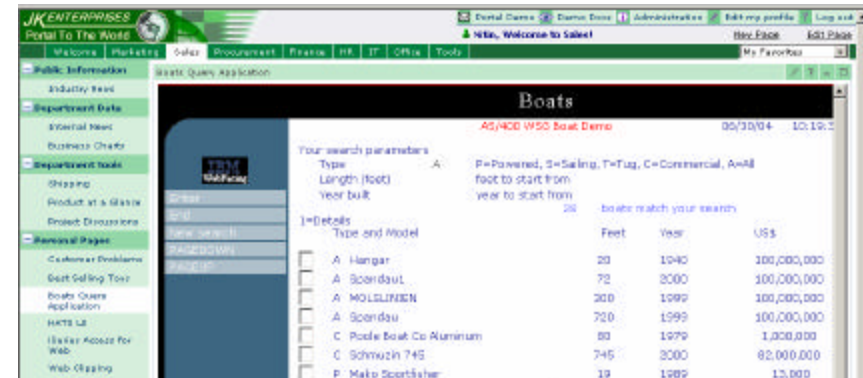


- **Improved installation, setup and initial configuration**
 - Easy-to-use iSeries Configuration Wizard
- **Pre-configured, compelling portlet content - ready to use**
 - Administrative - *Reminders, bookmarks*
 - Collaboration - *People finder, QuickPlaces, Emeetings, mail,*
 - Finances - *Financial calculators, currency converters, Company tracker*
 - Newsroom - *Financial times, Pinnacor*
 - Productivity - *WorldClock, IBM Internet mail, MS Netmeeting, MS Exchange clients, ToDo list*
 - Portlet Catalog - www.ibm.com/websphere/portal/portlet/catalog
- **Document management, approval and versioning**
 - Portal Document Manager (PDM)
- **Light weight editors for presentations, spreadsheets, rich text documents**
 - Productivity Components
- **Portal-based Collaboration**
 - Collaboration Center
- **Basic content publishing**
 - Web clipping
 - Document viewer
 - V5R3 Access for the Web portlets
- **Integration of back-end data sources and applications**
 - JDBC Builder, Domino Builder
 - HATS portlet, Access for the Web portlets, WebFacing iFrame portlet

Requirement: Integration of back-end applications and data sources

WebSphere Portal features

- My Query Reports portlet
- iFrame portlet
- iSeries integration
 - IBM WebFacing Tool
 - WebSphere Host Access Transformation Services (HATS)
 - iSeries Access for Web Portlets
 - 5250 portlet
 - iSeries Access for Web iFrame portlet
 - iSeries Credential portlet
 - Database portlets
 - Print portlets



iSeries Access for Web portlets - Database

The screenshot shows the top navigation bar of a WebSphere Portal. The 'iSeries Access' menu item is highlighted with a red circle. Below the navigation bar, there is a 'Welcome' section and a list of 'iSeries Related Links' including IBM, eServer, iSeries Servers, iSeries Access for Web, iSeries Access, and iSeries Navigator.

iSeries Access portlets include the following:

- 5250 portlet
 - Run commands and access full-screen applications.
- IFrame portlet
 - Access any of the iSeries Access for Web portlets.
- Integrated file system (IFS) browsing portlet
 - Browse the iSeries integrated file system.
 - View, edit, upload and download files.
- Printers, printer output, and output queues
 - View printer status, start and stop the printer.
 - Hold, release, print, delete and view print jobs.
 - Move printer output files to another printer.
 - Hold and release output queues.
- Database tables and SQL portlets
 - View database tables, add and update records.
 - View query results, customize format.
 - Run SQL statements dynamically.
- Commands portlets
 - Run CL commands.

The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (see [iSeries Access for Web](#) regarding iSeries Access, iSeries Access for Web, and iSeries Access for Web). For more information on the following web sites:

The screenshot shows the 'iSeries Database Table Portlet' interface. It features a table with columns for Actions, IID, INAME, IPRICE, and IDATA. The table displays 10 records. A yellow callout bubble points to the portlet title. Below the table, there are pagination controls and a 'Refresh' button.

Actions	IID	INAME	IPRICE	IDATA
	000001	WEBSPHERE REDBOOK	30.00	SG24-5635
	000002	Radio_Controlled_Plane	96.86	DELUXE MODEL
	000003	Change_Machine	52.55	HANDLES SEVERAL CURRENCIES
	000004	Baseball_Tickets	91.14	MINNESOTA TWINS
	000005	Twelve_Num_Two_Pencils	50.58	YELLOW IN COLOR
	000006	Over_Under_Shotgun	79.66	12 GAUGE
	000007	Feel_Good_Vitamins	29.81	A,B,C AND D
	000008	Cross_Country_Ski_Set	93.00	ENTRY LEVEL
	000009	Rubber_Baby_Buggy_Wheel	98.71	4 INCH SIZE
	000010	ITSO REDBOOK SG24-2152	50.00	ACCESSING THE AS/400 WITH JAVA

iSeries Access for Web portlets - 5250

WebSphere Portal Administration Edit my profile ? Log out

Welcome Documents My Work My Finances

Welcome 5250 Session iSeries Access for Web

Welcome

Welcome to the iSeries Access portlets - specifically developed for customers. These portlets allow you to access information on your Web browser.

iSeries Access portlets include the following:

- 5250 portlet
 - Run commands and access full-screen 5250 character display
- IFrame portlet
 - Access any of the iSeries Access for Web servlets
- Integrated file system (IFS) browsing portlets
 - Browse the iSeries integrated file system.
 - View, edit, upload and download files.
- Printers, printer output, and output queues portlets
 - View printer status, start and stop the writer job
 - Hold, release, print, delete and view printer output
 - Move printer output files to another output queue
 - Hold and release output queues.
- Database tables and SQL portlets
 - View database tables, add and update records.
 - View query results, customize format of results.
 - Run SQL statements dynamically.
- Commands portlets
 - Run CL commands.

The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (5722-KW1). For more information regarding iSeries Access, iSeries Access for Web, and the iSeries Access portlets, refer to the following web sites:

iSeries 5250 Session

F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12
F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24

Sign On

System S10F207B
Subsystem QINTER
Display QPADEV000G

User
Password
Program/procedure
Menu
Current library

iSeries Sign-On screen

(C) COPYRIGHT IBM CORP. 1988, 2002.

37 Keyboard function keys Keyboard focus 6,53

Enter Attention Refresh Screen Field Exit Page Up
System Request Stop Session Reset Page Down

iSeries 5250 Session

F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12
F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24

Parts Order Entry

Type choices, press Enter.
Z=change

Customer number
Customer name
Address

City

Opt Part Description Qty

000001	WEBSHERE REDBOOK	190
000002	Radio_Controlled_Plane	15
000003	Change_Machine	45
000004	Baseball_Tickets	904
000005	Twelve_Num_Two_Penols	1,742
000006	Over_Under_Shotgun	1,331
000007	Feel_Good_Vitamins	21
000008	Cross_Country_Ski_Set	62
000009	Rubber_Baby_Buggy_Wheel	79
000010	ITSO REDBOOK SQ24-2152	331

None...

Cancel

Exit Prompt

37 11,31

iSeries Access for Web portlets - Printing

The screenshot displays the iSeries Access for Web interface, divided into several portlets:

- iSeries Printers:** A table listing printers and their status. A yellow callout bubble points to the 'Send to iSeries printer output portlet' icon in the Actions column.
- iSeries Printer Output Queues:** A table listing output queues. A yellow callout bubble points to the 'Send to iSeries Printer Output' icon in the Actions column.
- iSeries Printer Output:** A table showing printer output jobs. A yellow callout bubble points to the 'Send to iSeries printer output viewer portlet' icon in the Actions column.

iSeries Printers Table:

Printer	Status	Description	Output Queue	Actions
PDFPRT	Stopped		QUSRSYS/PDFPRT	[Icons]
TEST	Stopped		QUSRSYS/TEST	[Icons]

iSeries Printer Output Queues Table:

Library	Output Queue	Description
QUSRSYS	PDFPRT	Def
QUSRSYS	QESDIAL	*BL
QUSRSYS	QEZDEBUG	Cle
QUSRSYS	QEZJOBLOG	Cle
QUSRSYS	QTOCL2TP	*BL
QUSRSYS	QTPPPOUTQ	TCF
QUSRSYS	TEST	Def
QGPL	ONDTEST	*BL

iSeries Printer Output Table:

Actions	File Name	Status	User Data	User	Job Name	Job Number	File Number	Creation Date/Time
[Icons]	QPWCDSKS	*READY		PORTALDEMO	QPADEV000G	161236	2	7/8/04 1:05 AM
[Icons]	QPDPSPSTS	*READY		PORTALDEMO	QPRTJOB	161259	1	7/8/04 1:14 AM
[Icons]	QPJOBLOG	*READY	QPADEV000G	PORTALDEMO	QPADEV000G	161236	3	7/8/04 4:22 AM
[Icons]	QPDPSPSTS	*READY		PORTALDEMO	QPADEV000G	161236	1	7/8/04 1:05 AM
[Icons]	QPDPSPSTS	*READY		PORTALDEMO	QPRTJOB	161259	2	7/8/04 8:26 AM

WebSphere Portlet and Lotus Workplace Catalog

<http://catalog.lotus.com/wps/portal/portalworkplace>

**942
portlets as
of June
2003**

**New
portlets
are
released
quarterly**

Portlets

Crystal Enterprise for WPS1.2	Crystal Enterprise Application
Factiva Search Module	Factiva Simple and Advanced Search Portlets
Hoover's Business Buzz	Breaking Business News
iSyndicate 30-day trial news	News hosted by iSyndicate
Lotus iNotes Calendar	Opens a user's calendar from a iNotes server
Lotus Sametime	Launches Lotus Sametime
Microsoft Exchange Mail	Displays the user's mail from a Microsoft Exchange server
My Lotus Notes To-Do	Displays a user's To-Do List from the Lotus Notes mail database
POP3 - IMAP mail	Receive and Send POP3 and IMAP email
ScreamingMedia News	Breaking news headlines.

Page < 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 >

iSeries and WebSphere Portal Express

More info.

- ✓ iSeries College with demos
- ✓ Education
- ✓ Getting help
- ✓ Wrap-up

Sign up for access to iSeries College

<http://www.ibmweblectureservices.ihost.com/ibm/iseries>

IBM

Home | Products & Services | Support & downloads | My account

→ Select a country

IBM eServer iSeries College

IBM eServer iSeries College

Welcome to IBM eServer iSeries College!

→ Take a course

How to get started

It is as easy as 1-2-3.

1. Click on the [Prepare your system](#) left link to make sure your system is ready.
2. Click on the [Sign in](#) left link.
If you do not have a user id yet, you must [Register](#) first
3. Click on the Workspace link. Now you are on your way!

or phone at:
1-888-426-0014
(toll free, US)
(1) 770-644-5050
(not toll free, outside US)

Welcome

New users must Register to create a User ID, usually your email.

iSeries College - Portal Presentation with demos

IBM eServer iSeries College >

Workspace

> Accessible > Not Accessible ✕ Not Available ! Accessed ✓ Completed ✕ Failed

This set of lectures cover various topics about the iSeries and AS/400e systems.

- LPAR
- Strategy & Positioning
- WebSphere on iSeries

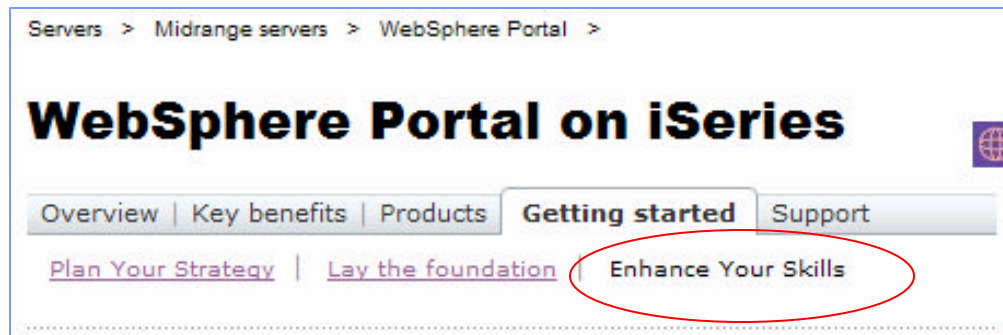
Building a total solution out-of-the-box with IBM WebSp... **Start** > Survey ✕ Test

- ✓ After successful registration, sign-in
- ✓ Select WebSphere on iSeries
- ✓ Select the **Start** button to access the presentation *Building a total solution out-of-the-box with IBM WebSphere Portal*
- ✓ **Download** the zipped file containing the presentation and demonstrations

Need education?

<http://www-1.ibm.com/servers/eserver/series/software/websphere/portal/skills.html>

- iSeries College
- Distance Learning
- Classroom Courses
- Education Vouchers



■ IBM WebSphere Portal – Express V5.0.2 Implementation on iSeries

[View full course description and schedules.](#)

Search Course Catalog for course AS751.

■ IBM WebSphere Portal - Express V5.0.2 Administration on iSeries

[View full course description and schedules.](#)

Search Course Catalog for course AS761.

Have a Question?

START WITH THE VIC!

- IBM Business Partners can go to the IBM Virtual Innovation Center (VIC) at. Besides education and level one support, the VIC has access to experts from the iSeries Technology Center, the eServer Solutions Enablement (porting) Team and iSeries Development teams and will be your gateway for all non-defect SOFTWARE-on-iSeries support questions. Several levels of support are available:
 - Web-based support
 - Q&A Support
 - Application Enablement Support

So, check out this special support program today!

ibm.com/partnerworld/vic

This program is for the exclusive use of Business Partners at any IBM PartnerWorld membership level who are selling, installing, implementing IBM software on iSeries. All software defect related support still should be directed through IBM Supportline. Registration required.

Links

IBM eServer iSeries WebSphere Software – WebSphere Portal

<http://www.ibm.com/eserver/series/software/websphere/portal/>

IBM WebSphere Portal – Express for Multiplatforms

<http://www.ibm.com/software/genservers/portalexpress/>

IBM DEMONet - WebSphere Portal

<http://wp50.dfw.ibm.com/>

IBM WebSphere Portal - Express (iSeries) Version 5.0.2 Information Center

<http://publib.boulder.ibm.com/pvc/wp/502/index-smbi.html>

WebSphere Portal product library

<http://www.ibm.com/developerworks/websphere/zones/portal/proddoc.html>

WebSphere Portal developers zone

<http://www.ibm.com/developerworks/websphere/zones/portal/>

WebSphere Portal & Lotus Workplace Catalog

<http://catalog.lotus.com/wps/portal/portalworkplace>

IBM eServer Workload Estimator

<http://www-912.ibm.com/wle/EstimatorServlet>

How to make a portal project pay?

- Who is the **target portal community**, what are their **roles**, deliverables, levels of interaction....how **do they collaborate**?
- What are the **most valuable portal information services** for the target portal community?
- What are the **prioritized business transactions** our community requires to drive their business work?
- **What...business processes** need to be streamlined and rendered for our community to collaborate on the portal?
- What **UI features matter most** for making portal content, transactions and collaboration easy to use from the portal WebTop?

Summary

- **Portals are key company application solutions and e-business Infrastructure and Portal frameworks provide the best overall solution**
- **Portals enable content aggregation, iSeries application integration and people collaboration**
- **IBM's WebSphere Portal solution is a Market Leader in capability, value, market share and continued investment**
- **WebSphere Portal - Express and Express Plus Version 5 available on iSeries**

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