



IBM eServer™ iSeries™

The ABC's of Installing WebSphere Application Server - Express on iSeries

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Agenda

- What is WebSphere Application Server (WAS) - Express
- What is Included with WAS - Express
- Examples of Applications that Use WAS - Express
- How to Get WAS - Express
- Implementing WAS - Express
 - Planning for it
 - Installing it
 - Configuring it
 - Starting it
- Using the IBM Telephone Directory with WAS - Express
- Questions and Answers

What is WebSphere Application Server - Express

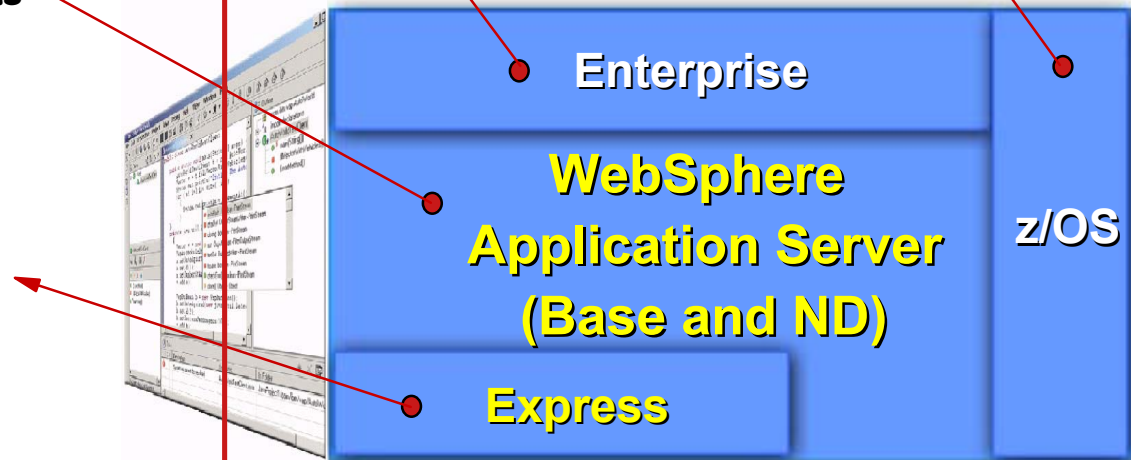
An extended J2EE & Web services
'build-to-integrate' platform for creating,
 composing & choreographing adaptable networked
 application flows and behaviors

iSeries Support

The mainstream Web services J2EE
 1.3 application server enabling
 industry leading QoS and flexible
 deployment options

An easily approachable
"on-ramp" to
 e-business, providing
 fast and productive
 development, deployment
 of dynamic web
 applications

A J2EE web services application
 server specifically optimized to
 the unique QoS of z/OS



What is Included in WAS - Express

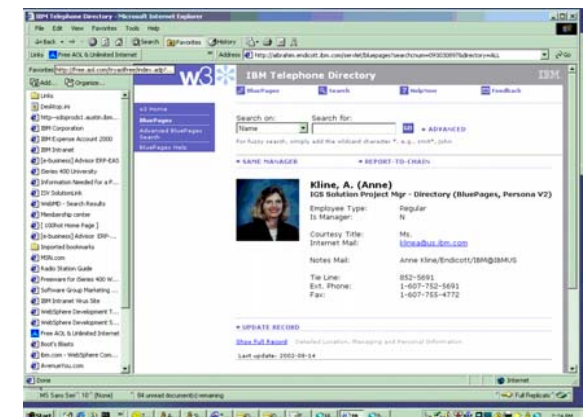
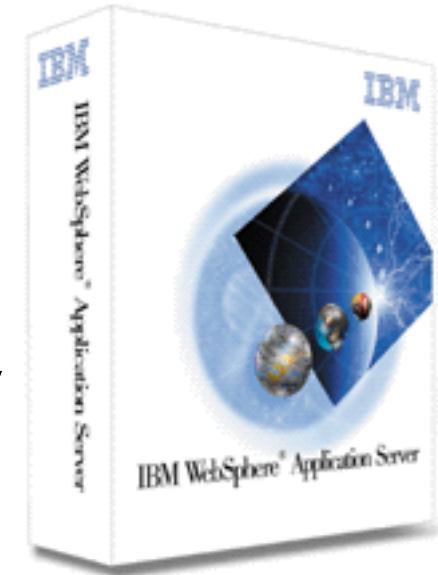
1. Web application server - WAS-Express V5

2. Application development tool

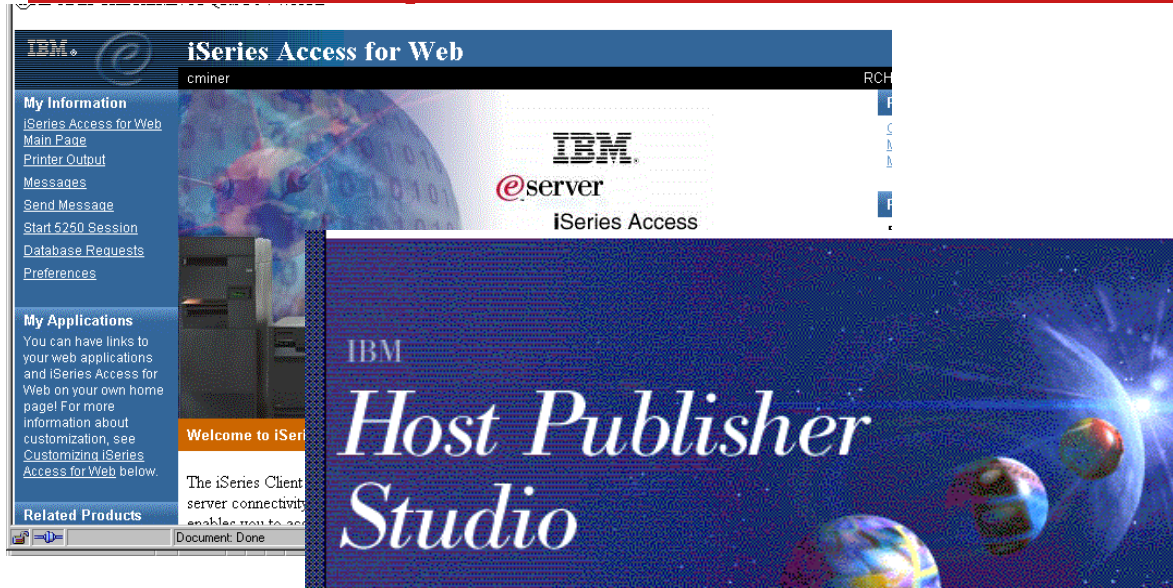
- WebSphere Development Studio Client (WDSClient) 1 copy

3. Includes IBM Telephone Directory (ITD)

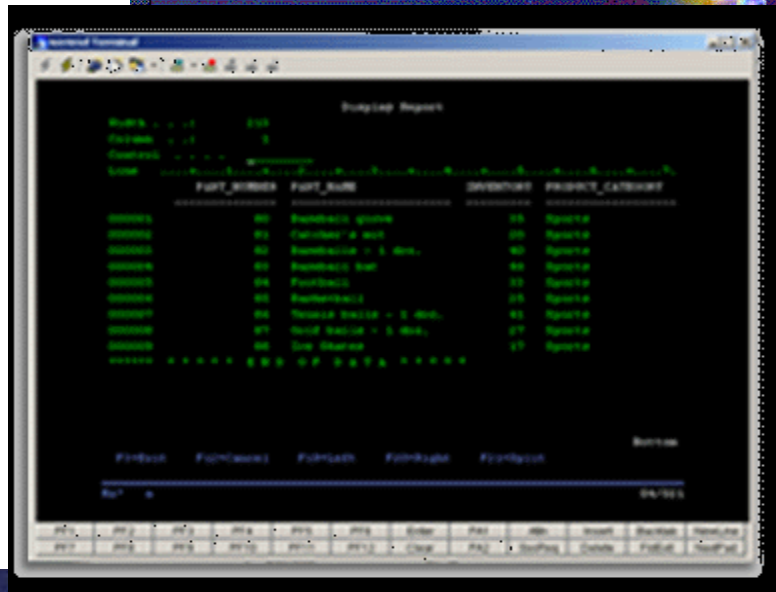
- WebSphere Application Server is web plumbing
- ITD provides "out-of-the-box" functionality
- iSeries-only offering for WAS V5 and WebSphere-Express V5 for iSeries
- "Started simple" with WebSphere
 - Provide a valuable application all customers can use
 - Powerful search capabilities
 - Name, photo, phone, role, division, dept, mgmt chain
 - ITD is no-cost for first 1,000 entries
 - ▶ Small media charge in PPA (approx \$25)
 - ▶ IGS special bid for 1,000+ entries



WAS - Express is Perfect for Application Refacing



- iSeries Access for Web
- Host Publisher
- HATS
- IBM WebFacing Tool



■ Examples of Applications that Use WAS - Express

- Able-One Systems Inc.
- ACG srl
- ACS Limited
- Aktion Associates, Inc.
- Andrews Consulting Group
- Appcon
- Aptis
- AS Computanse
- Associated Data Services
- Avnet Computer Marketing
- Barsa Consulting, LLC
- Binary Tree
- Boost Information Systems
- Brij Image & Information
- C.I.D.
- Cape Cod Bay Systems
- Clear Technologies
- CIM Strategies
- CMI
- Computech Resources, Inc.
- Contenlo Consulting Ltd
- Corning Data Services
- Counterpoint Systems
- Covenco
- DPS Inc.
- E.D. Smith & Sons Ltd.
- Engineered Business Systems, Inc.
- Eniac Essentials B.V.
- GEAC
- GEMKO Information Group, Inc.
- Genelco (Liberity)
- Gus Group AG + Co. KG
- Haverstick Consulting
- IBS
- Infocon Corporation
- Integrated Distribution Solutions
- Inter-American Data, Inc. (IAD)
- Island Pacific
- J.DREGER IT-Operations
- KDP Software Limited
- Keane Inc/First Coast
- Keller Schroeder & Associates
- Kube
- Lansa
- Lawson Software
- Mapics
- McKesson HBOC
- M.R.S. Company Limited
- MEA Computing
- Mid-Comp International PTY LTD
- Morpheus Limited
- Network Plus Consulting
- New Generation Software
- Oasis Computer Systems, Inc.
- Paragon Consulting Services Inc.
- PlanetJ Corporation
- Presence OnLine
- Primark Systems, Inc.
- Quantum Intelligence, Inc.
- Query Spa
- Republic Idemnity of America
- Rippe and Kingston
- RyTE Consulting, Inc.
- ScumbergerSema
- Serti Informatique Inc.
- SH S.r.l
- Siemens Health Services
- Soft Design A/S
- SoftLanding Systems
- Strategies and Solutions
- SystemObjects Europe
- TRAX sp. z o.o
- Tri-Bry IT Solutions
- UBL INFORMATIONSSYSTEME GmbH & Co. KGaA
- Virtual400
- Volubis
- Wright Professional Services, Inc.
- 3X Corporation

How to Get WAS - Express: Method #1

Trade Up to WAS - Express from WAS Standard Edition 3.02 & 3.5

- Customers who currently have WAS Standard Edition (V3.02 or V3.5) & OS/400 SW subscription (5733-AS3)
- Must have ordered WAS V3.X for OS/400 by 1/24/2003
- Entitled to 1 copy of WAS-Express for iSeries ("one processor worth")
 - If WAS SE V3.X runs on one cpu = one copy of WAS - Express
 - If WAS SE V3.X runs on multiple cpu's = one copy of WAS - Express
 - If WAS SE V3.X runs on 100 iSeries servers = 100 copies of WAS - Express
- Customers must order "maintenance renewal" for WAS - Express to receive subscription and support from Passport Advantage

How to Get WAS - Express - Method #2

Get WAS - Express with your New/Upgraded iSeries Server

WebSphere Application Server - Express comes packaged with the following software packaging combinations:

Hardware Model	Software Package Edition
800	Advanced Edition
810	Enterprise Edition
i825, i870, i890	Enterprise Edition

- Includes Software Maintenance via Passport
 - For 1 year from date of hardware installation
 - Maintenance = Software Subscription + Support
- Entitled to run WAS-Express for iSeries on all processors on that server

How to Get WAS - Express - Method #3

Buy it via Passport

- WebSphere Application Server - Express is included in the following software packaging combination
- Includes Software Maintenance via Passport
 - For 1 year from date of hardware installation
 - Maintenance = Software Subscription + Support

WebSphere Express Part Number Description	1 Year Lic & Maint	2 Year Lic & Maint	Renewal Before	After License
WAS Express for iSeries (Charge is per Processor)	\$1,913.00 D524PLL	\$2,296.00 D524QLL	\$425.00 E00NDLL	\$1,275.00 D524RLL
WAS Express for iSeries 20 users (Charge is per User - min.bundle of 20)	\$458.00 D5255LL	\$550.00 D5256LL	\$102.00 E00NILL	\$305.00 D5257LL
WAS Express for iSeries Developer (Charge is per Developer)	\$361.00 D524WLL	\$433.00 D524XLL	\$80.25 E00NFLL	\$241.00 D524YLL
Upgrade from 20 User Bundle to Per Processor Charge	\$1,435 D524SLL			
Upgrade from Competitive Product to WAS Express Per Processor Charge	\$1,435 D525CLL			

Prices reflect Passport "A" Pricing Levels and are subject to change

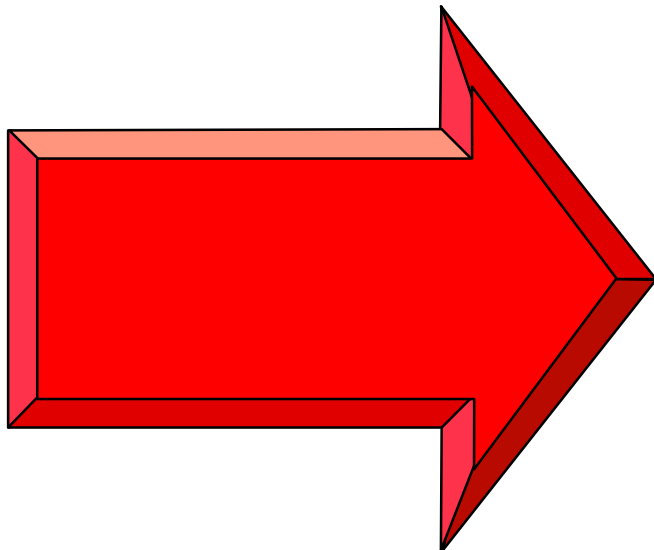
Implementing WebSphere Express

Start Here!

The screenshot displays the IBM iSeries Information Center interface. The left-hand navigation pane is expanded to show 'WebSphere Application Server - Express 5.0' with 'Installation' selected. The main content area is titled 'Installation' and provides an overview of the installation process for WebSphere Application Server - Express on iSeries Version 5.0. It includes a link to an 'Installation PDF' and a list of steps: 1. PLANNING, 2. INSTALLING, and 3. CONFIGURING. Each step is accompanied by a brief description of the tasks involved.

- ✓ All IBM WebSphere Application Server - Express for iSeries documentation is available in the iSeries Information Center!
- ✓ Step-by-step installation instructions included.
- ✓ Navigate to:
<http://publib.boulder.ibm.com/html/as400/infocenter.html>

What are the steps?



- ✓ Plan for it!
- ✓ Install it!
- ✓ Configure it!
- ✓ Use it!

Plan for it!

Minimum Configuration



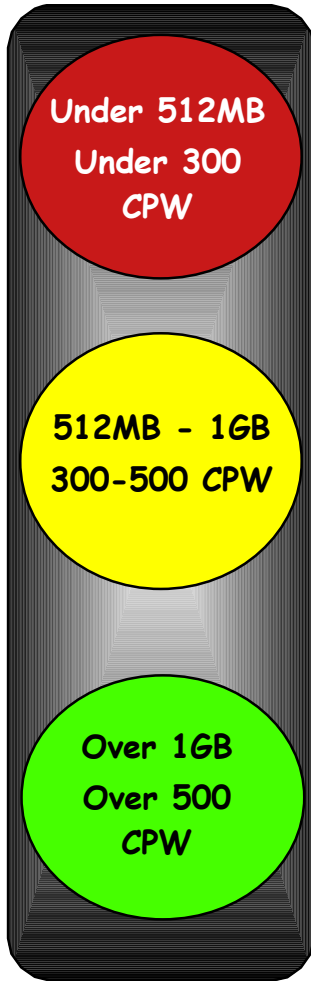
Express requires less system resources!

OS/400	Processor CPW*	Memory* (Per Instance)
V5R2M0 or V5R1M0	300	512 MB

*For running the application server only. Values define available resources and existing system workloads should be understood. Smaller configurations may be used, but performance degradation should be expected.

Applications may add additional configuration requirements. Use the [IBM Workload Estimator Tool](http://www-912.ibm.com/supporthome.nsf/document/16533356) to develop a custom configuration estimate based on application design aspects. (<http://www-912.ibm.com/supporthome.nsf/document/16533356>)

Is your AS/400 or iSeries ready?



**Under 512MB
Under 300
CPW**

Bxx, Cxx, Dxx, Exx, Fxx 170 / # 2407, # 2408, # 2409 530 / # 2150, # 2151
S10, S01, Pxx 200, 20S, 250 600
S20 / # 2161, # 2163 270 / # 2422, # 2423, # 2424 620 / # 2175, # 2179, # 2180, # 2181
100, 150 270 / # 2248, # 2452, # 2454 720 / # 2061
170 / # 2159, # 2160, # 2164 3xx, 4xx 820 / # 2425, # 2426, # 2457, # 2456
170 / # 2289, # 2290, # 2291 500, 510, 50S
170 / # 2292 53S / # 2154

**Need HW Upgrade
for any WAS**

S30 / # 2257 620⁽¹⁾
S20 / # 2170, # 2165 640 / # 2185, # 2186, # 2187
170 / # 2176, # 2183, # 2383 640 / # 2237
170 / # 2384, # 2385, # 2386 720 / # 2062
270 / # 2250, # 2431 820 / # 2395, # 2427, # 2458
53S / # 2155 800
530 / # 2152 810

**WAS-Express, WebFacing & IBM
Telephone Directory**

SB1, SB2, SB3 640 / #2238, #2239
S20⁽¹⁾, S30⁽¹⁾, S40 650
170 / # 2388 720⁽¹⁾, 730, 740
270 / # 2252, # 2253 820⁽¹⁾, 830, 840
270 / # 2432, # 2434 825
53S / # 2156, # 2157 870
530 / # 2153, # 2162 890

**WAS-Express, V5, ND, WebFacing,
IBM Telephone Directory
(1000+ cpw = Portal & Commerce)**

(1) = Except as listed above

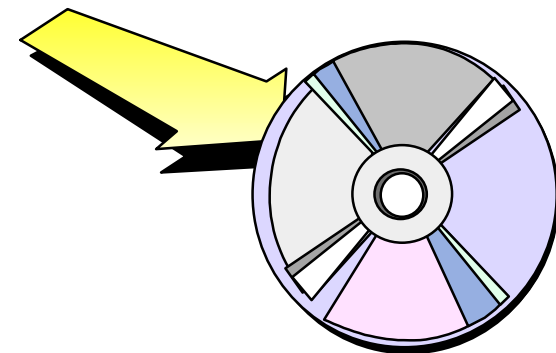
Plan for it!

Order the following software:

- ✓ Prerequisite Products: IBM HTTP Server (powered by Apache), IBM Developer Kit for Java, QShell Interpreter, iSeries Access for Windows, TCP/IP Connectivity Utilities
- ✓ 5722-IWE: IBM WebSphere Application Server - Express for iSeries (includes IBM Telephone Directory)
- ✓ Latest OS/400 V5R2M0 CUM Package
- ✓ Latest IBM WebSphere Application Server - Express for iSeries V5R2M0 Group PTF (SF99271)



You will need to IPL your system after you install PTFs, so be sure to plan an appropriate time for that!



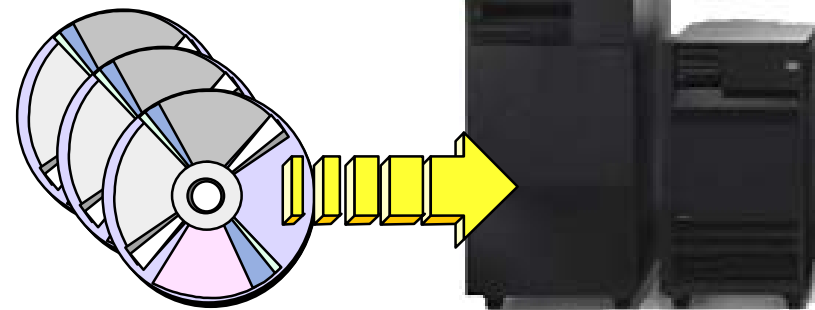
Install it!

- ✓ Install all prerequisite products
- ✓ Install the Cumulative PTF package (don't IPL though!)
- ✓ Using the IBM WebSphere Application Server - Express for iSeries (5722-IWE) CD-ROM:

RSTLICPGM LICPGM(5722IWE) DEV(OPT01)

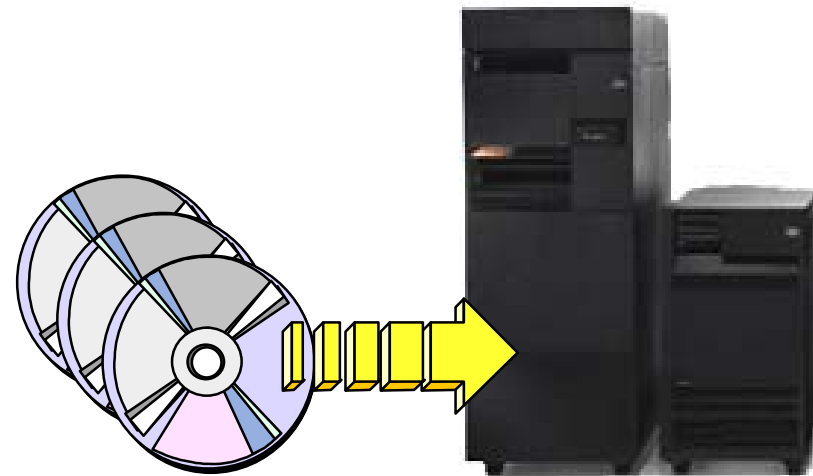
- ✓ Install option 2 from the same CD-ROM:

RSTLICPGM LICPGM(5722IWE) DEV(OPT01) OPTION(2)



Install it!

- ✓ Using the IBM Telephone Directory CD-ROM:
`RSTLICPGM LICPGM(5722IWE) DEV(OPT01) OPTION(3)`
- ✓ Install the IBM WebSphere Application Server - Express for iSeries V5R2M0 Group PTF SF99271
- ✓ Ok to IPL now!



Configure it!

After your IPL, do the following:

- ✓ Configure license information*
 - Usage limit from your invoice or POE
- ✓ Ensure TCP/IP Configuration*
 - Ensure parameter settings and determine port availability
- ✓ Start the IWE Subsystem & HTTP Admin Server
 - QSYS/STRSBS SBSD(QASE5/QASE5)
 - QSYS/STRTCPSVR SERVER(*HTTP) HTTPSVR(*ADMIN)

! * Details provided in the [IBM WebSphere Application Server - Express for iSeries installation documentation!](#)

Configure it!

Unique to iSeries is an integrated wizard style interface that allows you to quickly create an Express instance and a supporting HTTP server (powered by Apache) instance. This allows you to begin your e-business application deployment right away!

Here's how it works...

Configure it!

IBM®
(C) IBM Corporation 2000

iSeries Tasks ITC

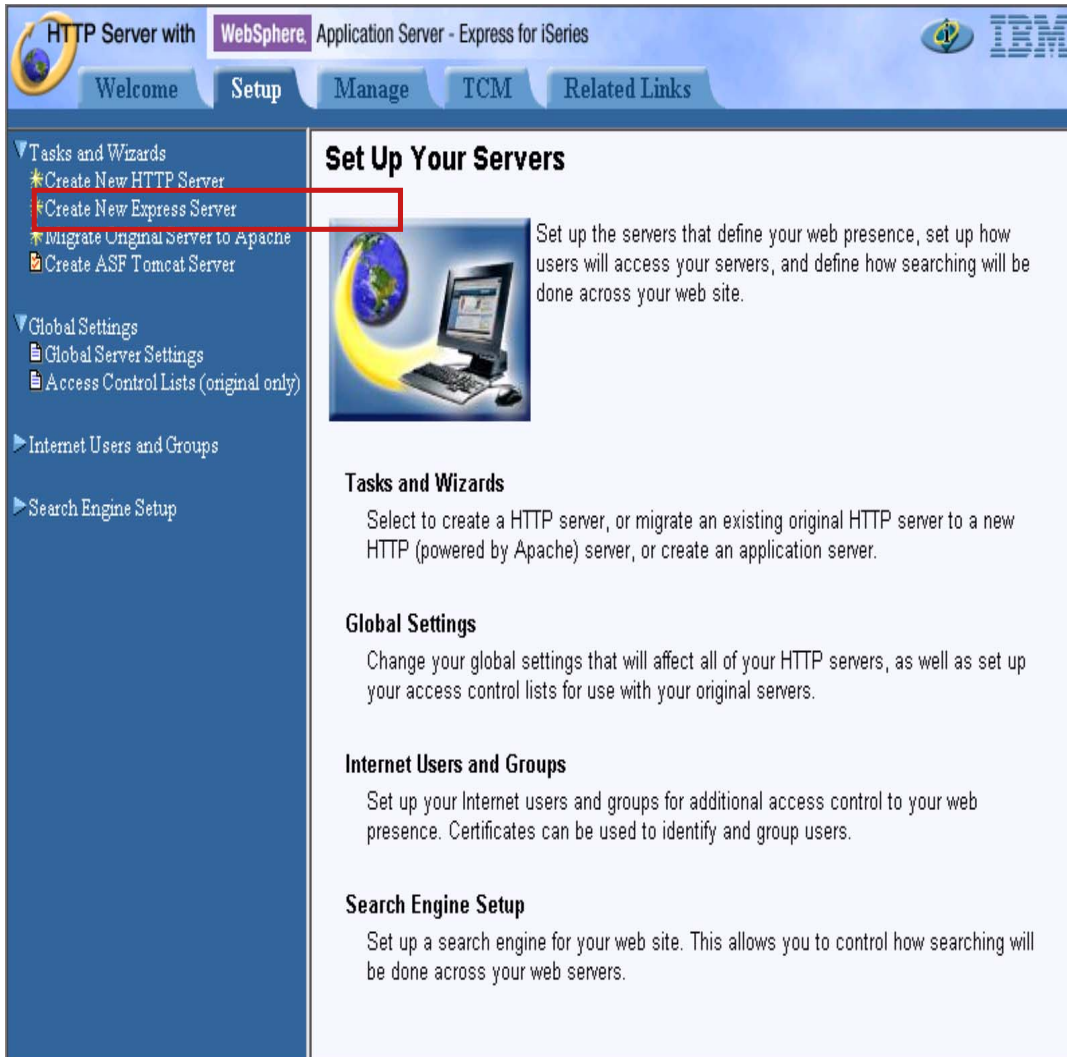
-  [IBM HTTP Server for iSeries](#)
Configure the iSeries HTTP Server and SSL
-  [IBM WebSphere Application Server - Express for iSeries](#)
Configure application servers and deploy applications
-  [Digital Certificate Manager](#)
Create, distribute, and manage Digital Certificates
-  [IBM IPP Server for iSeries](#)
Configure the IBM IPP Server
-  [4758 Cryptographic Coprocessor](#)
Configure the 4758 coprocessor

[Related task information](#)

 [Help](#)
(Requires JavaScript)

- ✓ Navigate to `http://your-iSeries:2001/`
- ✓ Click **IBM WebSphere Application Server - Express for iSeries**

Configure it!



HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original only)

Internet Users and Groups

Search Engine Setup

Set Up Your Servers

Set up the servers that define your web presence, set up how users will access your servers, and define how searching will be done across your web site.

Tasks and Wizards

Select to create a HTTP server, or migrate an existing original HTTP server to a new HTTP (powered by Apache) server, or create an application server.

Global Settings

Change your global settings that will affect all of your HTTP servers, as well as set up your access control lists for use with your original servers.

Internet Users and Groups

Set up your Internet users and groups for additional access control to your web presence. Certificates can be used to identify and group users.

Search Engine Setup

Set up a search engine for your web site. This allows you to control how searching will be done across your web servers.

- ✓ Click the **Setup** tab.
- ✓ Click **Create an Express Server**.

Configure it!

The screenshot shows the IBM WebSphere Administration Console interface. The title bar reads "HTTP Server with WebSphere Application Server - Express for iSeries". The navigation tabs include "Welcome", "Setup", "Manage", "TCM", and "Related Links". The left sidebar contains a tree view with "Tasks and Wizards" expanded, showing options like "Create New HTTP Server", "Create New Express Server", "Migrate Original Server to Apache", and "Create ASF Tomcat Server". The main content area is titled "Create New Express Server" and contains the following text:

Welcome to the Create New Express Server wizard. This wizard creates a new WebSphere Application Server - Express to run web applications with dynamic content. An application server consists of several pieces that you will need to consider and configure before your server will function.

- **Virtual Hosts**
Virtual hosts are the mechanism that route the URL request from the browser to the applications. Many application servers use one virtual host to control the routing of requests. If you wish for more granular control, you can create more virtual hosts to route a particular URL to a specific application. A single virtual host can receive requests from one or more HTTP servers.
- **Install Application**
Applications must be installed onto the application server to be accessed by your customers. The Install Application wizard will take your Enterprise Archive (EAR) or Web Archive (WAR) file that contains the application and deploy the application on the server.

At the bottom of the wizard, there are three buttons: "Back", "Next", and "Cancel". The "Next" button is highlighted with a red rectangular box.

- ✓ Read the introductory page.
- ✓ Click the **Next** button.

Configure it!

HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original or...

Internet Users and Groups

Search Engine Setup

Create New Express Server

Specify Application Server - Express Name

Specify a unique name for the application server.

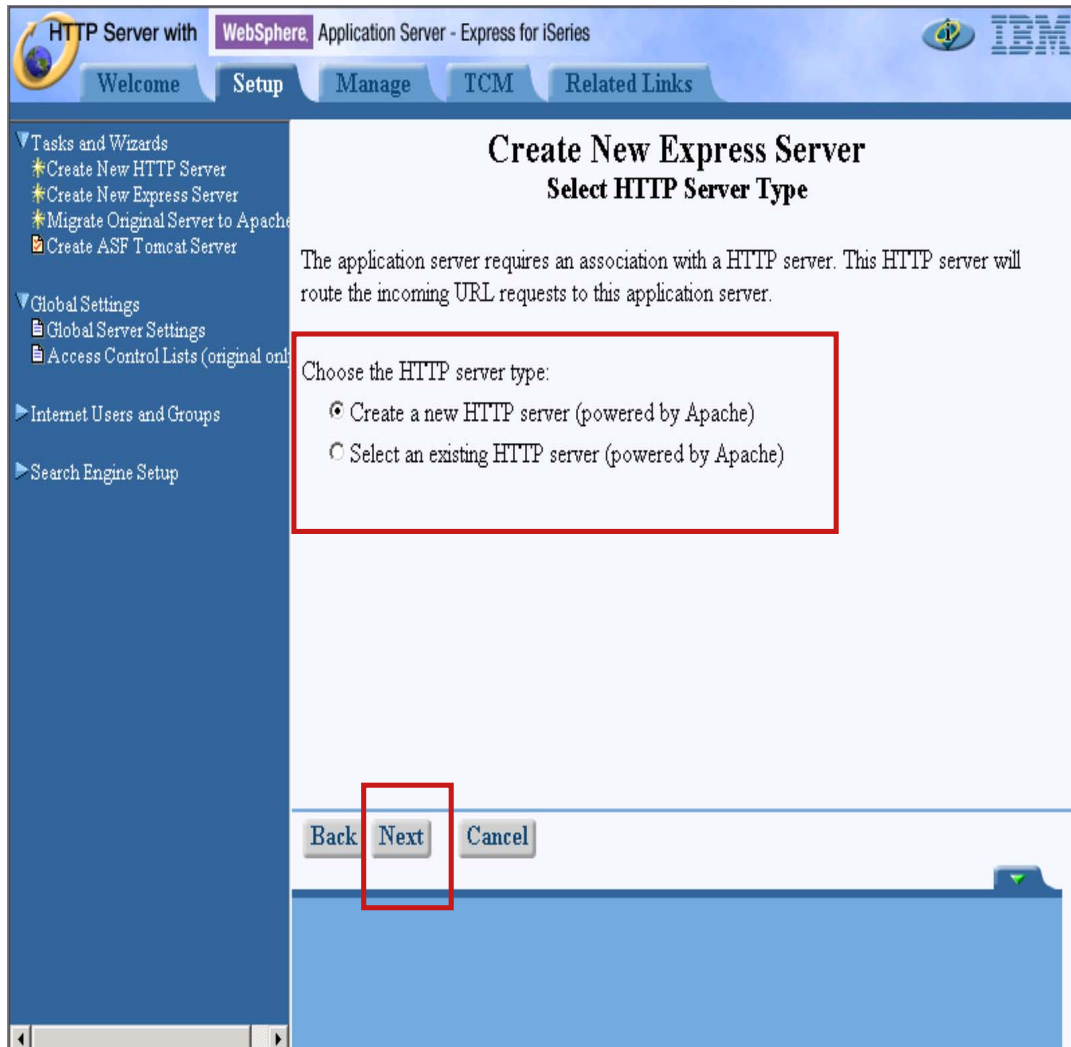
Application server name:

Click **Next** to continue or **Cancel** to leave at anytime.

Back Next Cancel

- ✓ Specify a name for your new application server instance - remember this name for later use.
- ✓ Click the **Next** button.

Configure it!



- ✓ Elect to create a new HTTP server (powered by Apache) instance to support your new application server instance.
- ✓ Click the **Next** button.

Configure it!

HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original onl)

Internet Users and Groups

Search Engine Setup

Create New Express Server

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:

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:

- ✓ Specify a name for your HTTP server (powered by Apache) instance - remember this name for later use.
- ✓ Specify a port number (if not 80) for the HTTP server instance to use - remember this value for later use.
- ✓ Click the **Next** button.

Configure it!

HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original only)

Internet Users and Groups

Search Engine Setup

Create New Express Server

Specify Internal Ports Used by the Server

The Application Server - Express, 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 3001 is entered as the first port in the range, then ports 3001 to 3012 will be configured.

First port in range:

Back Next Cancel

- ✓ Select the first in a range of 12 consecutive available ports for the Express instance to use.
- ✓ Click the **Next** button.

Configure it!

HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original onl

Internet Users and Groups

Search Engine Setup

Create New Express Server

Select Business and Sample Applications

The Application Server - Express has business and sample applications that you can optionally choose to install in this application server. Choose the applications that you would like installed and the wizard will deploy them for you.

Select which business applications to install:

- IBM Telephone Directory - An online phone book, providing powerful search capabilities with an easy to use

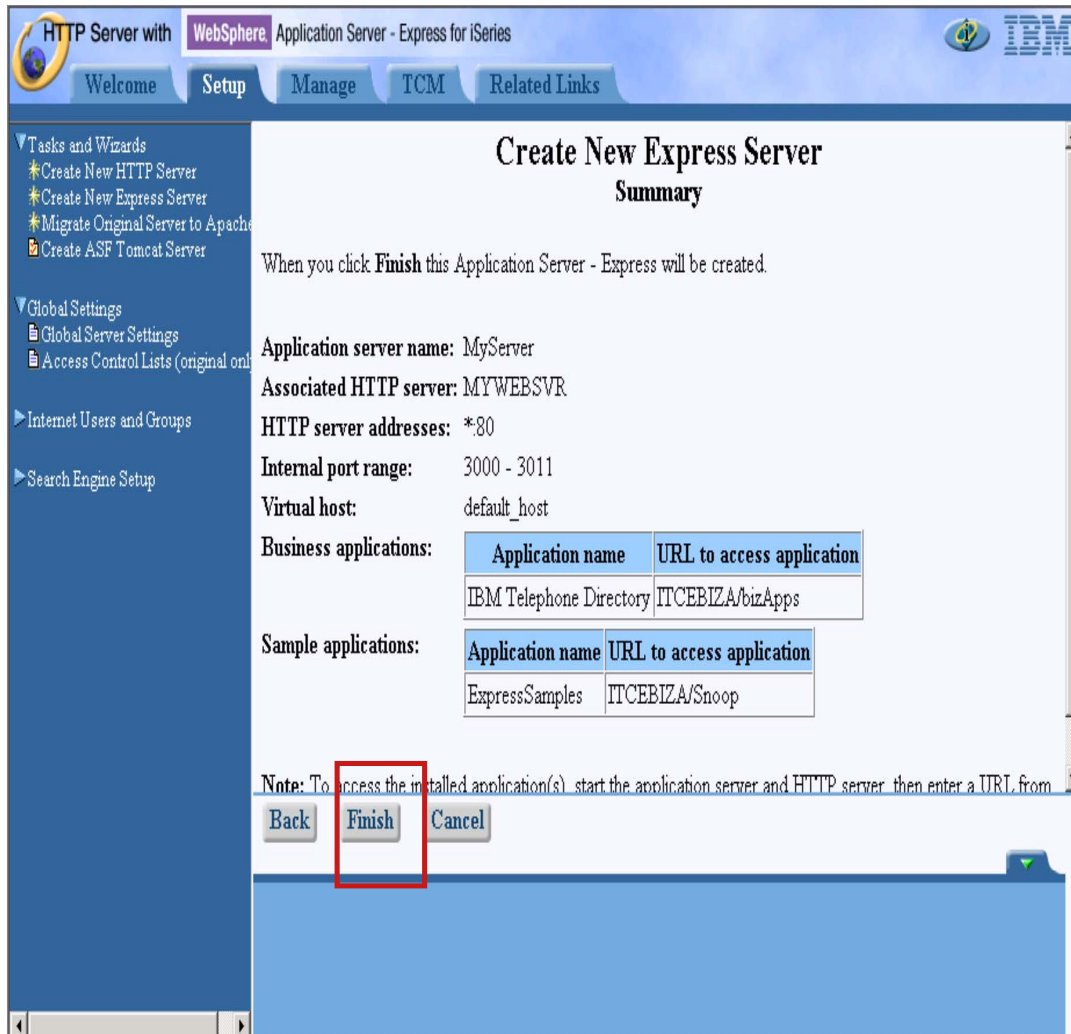
Select which sample applications to install:

- ExpressSamples - A set of samples, including SnoopServlet, that can be used to verify that your application ser
- DB2 Web Services - A set of samples that demonstrate using the Web Services Object Runtime Framework t

Back Next Cancel

- ✓ Specify to install the **IBM Telephone Directory** and **ExpressSamples** applications.
- ✓ Click the **Next** button.

Configure it!



HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Tasks and Wizards

- Create New HTTP Server
- Create New Express Server
- Migrate Original Server to Apache
- Create ASF Tomcat Server

Global Settings

- Global Server Settings
- Access Control Lists (original onl

Internet Users and Groups

Search Engine Setup

Create New Express Server Summary

When you click **Finish** this Application Server - Express will be created.

Application server name: MyServer
Associated HTTP server: MYWEBSVR
HTTP server addresses: *80
Internal port range: 3000 - 3011
Virtual host: default_host

Business applications:

Application name	URL to access application
IBM Telephone Directory	ITCEBIZA/bizApps

Sample applications:

Application name	URL to access application
ExpressSamples	ITCEBIZA/Snoop

Note: To access the installed application(s), start the application server and HTTP server, then enter a URL from

Back Finish Cancel

- ✓ Review the configuration parameters.
- ✓ Click the **Finish** button.

Configure it!



HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup **Manage** TCM Related Links

Server: MyServer - WAS - Express V5

Creating

All servers -> MyServer

Manage Application Server - Express "MyServer"

Create Additional Virtual Host
The default virtual host "default_host" was created for this application server. However, you can specify additional virtual hosts for more control over what URI's can run which applications.

Install New Application
After creating the server and virtual host you can install your applications.

Create Data Source
Then, define the resources the application server will use to access data for your applications.

Virtual hosts can communicate with one or more HTTP servers. When creating a virtual host you must also define which HTTP server(s) the application will use to serve its contents. This wizard will create an additional virtual host and update the corresponding HTTP server to send requests to the application server.

Applications must be installed on an application server to be accessed by your users. Use this wizard to install your applications. Make sure your applications are located in an IFS directory on this iSeries server.

Applications typically use information contained within databases. In order for the application server to communicate with those databases you will need to create links called Java Database Connector (JDBC) Providers and data sources for each application. Use these wizards to create those resources.

- ✓ You iSeries is now creating your new Express and HTTP server (powered by Apache) instances!
- ✓ This screen shows the status of your Express instance.
- ✓ Periodically click the Refresh button until the Express instance status changes from **Creating** to **Stopped**.

Configure it!

HTTP Server with WebSphere Application Server - Express for iSeries

Welcome Setup Manage TCM Related Links

Server: MyServer - WAS - Express V5

Stopped

All servers -> MyServer

Manage Application Server - Express "MyServer"

Create Additional Virtual Host
The default virtual host "default_host" was created for this application server. However, you can specify additional virtual hosts for more control over what URI's can run which applications.

Install New Application
After creating the server and virtual host you can install your applications.

Create Data Source
Then, define the resources the application server will use to access data for your applications.

Current Configuration for Server - MyServer

Manage Virtual Hosts	Manage Installed Applications	Manage Data Sources
default_host	IBM Telephone Directory	Default Datasource

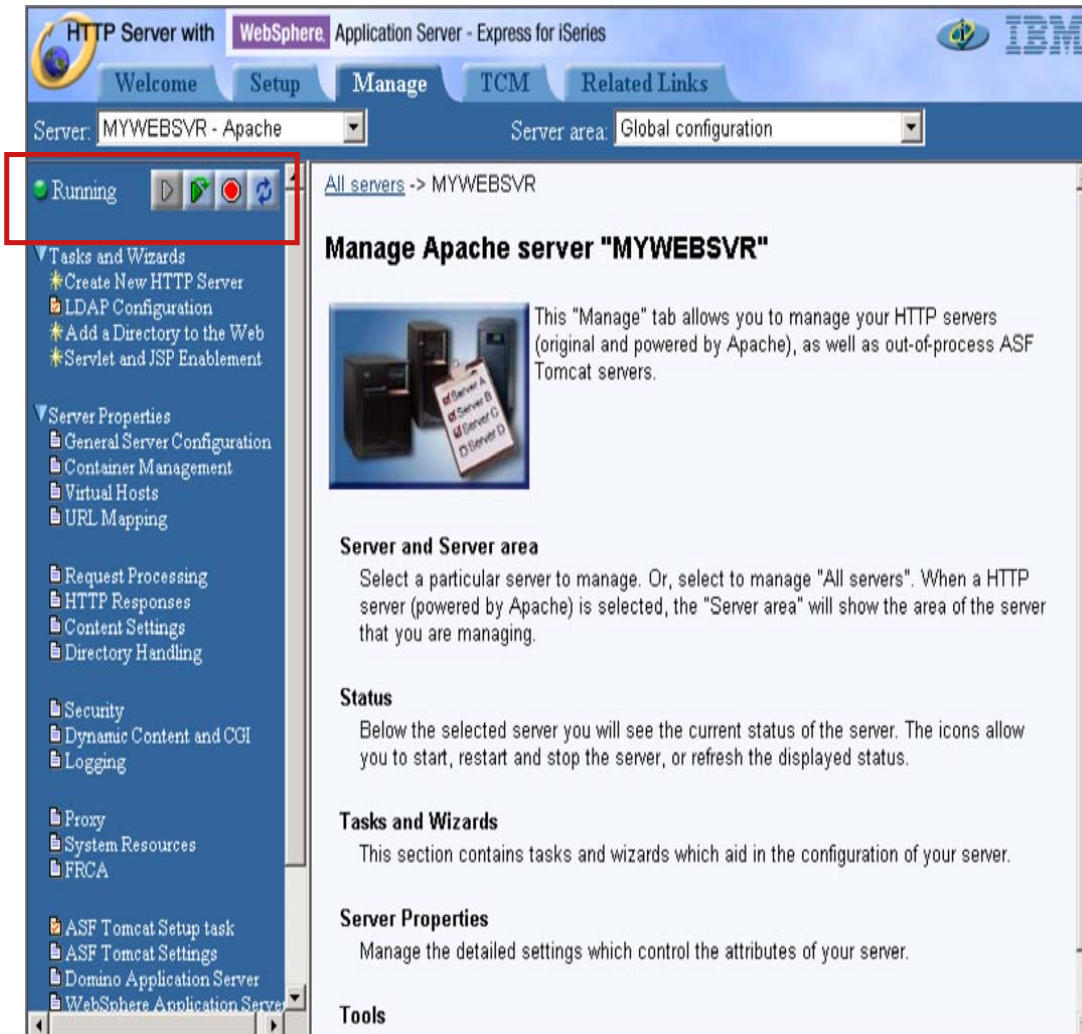
✓ Click the **Start** button to start your Express instance.

Configure it!

The screenshot shows the WebSphere Application Server Express for iSeries management console. The status is 'Running', indicated by a green dot and a play button icon. The interface includes a navigation menu on the left with categories like 'Tasks and Wizards', 'Server Properties', 'Applications', 'Resource Configuration', 'Problem Determination', and 'Tools'. The main content area displays 'Manage Application Server - Express "MyServer"' with three primary tasks: 'Create Additional Virtual Host', 'Install New Application', and 'Create Data Source'. Below these tasks, there are detailed instructions and a 'Current Configuration for Server - MyServer' section showing 'default host', 'IBM Telephone Directory', and 'Default Datasource'.

- ✓ Periodically click the Refresh button until the Express instance status changes from **Starting** to **Running**.

Configure it!



The screenshot shows the IBM WebSphere Administration Console interface. At the top, there are tabs for 'Welcome', 'Setup', 'Manage', 'TCM', and 'Related Links'. Below the tabs, there are dropdown menus for 'Server: MYWEBSVR - Apache' and 'Server area: Global configuration'. A red box highlights the 'Running' status indicator and the 'Start' button (a green play icon). The main content area is titled 'Manage Apache server "MYWEBSVR"' and contains several sections: 'Server and Server area', 'Status', 'Tasks and Wizards', 'Server Properties', and 'Tools'. The 'Status' section includes a small image of server hardware and a description of the 'Manage' tab. The 'Status' section also contains a paragraph explaining that below the selected server, the current status is shown, and icons allow for starting, restarting, stopping, or refreshing the status.

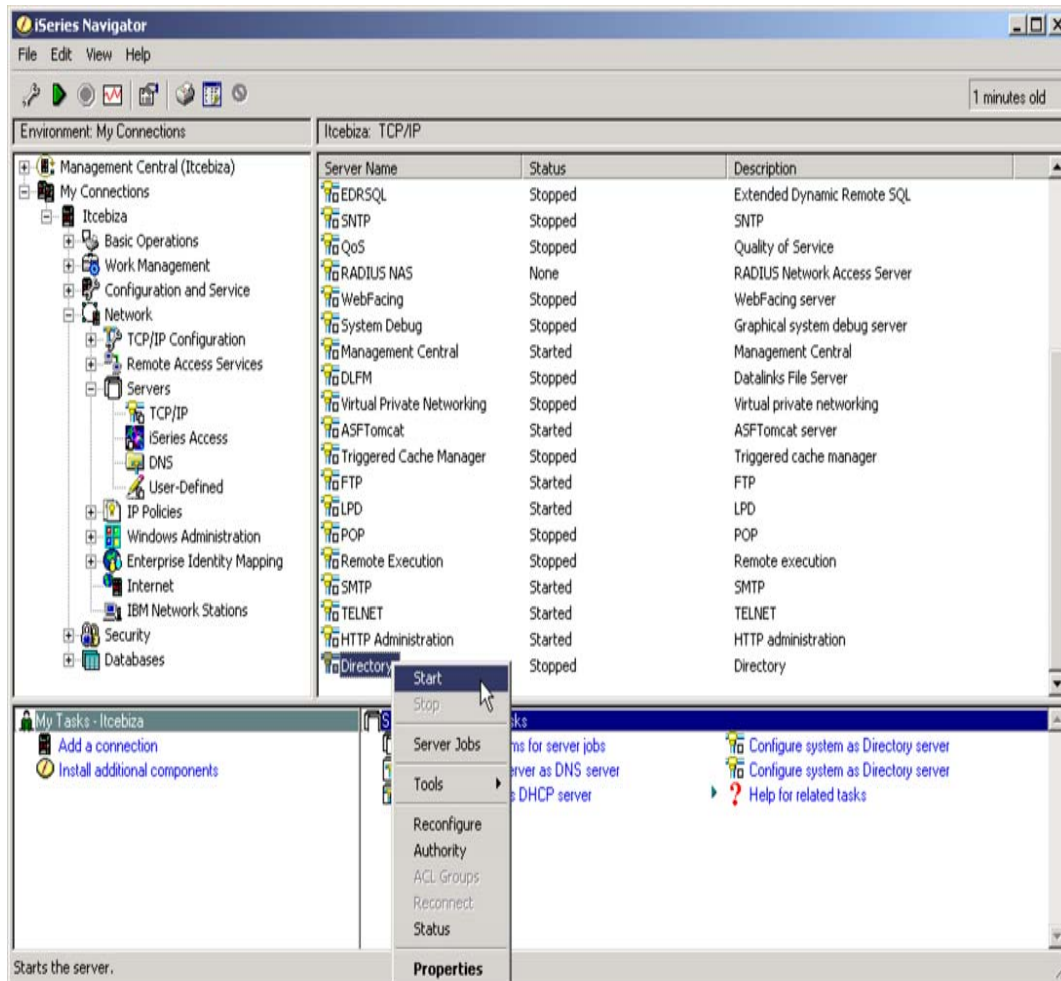
- ✓ Using the **Server** field pulldown, select your HTTP Server (powered by Apache) instance you created with the wizard.
- ✓ Click the **Start** button.
- ✓ The status will change from **Stopped** to **Running**.

Configure it!

IBM Telephone Directory V 5.1 for iSeries is a business application that can be used for a company's IBM Telephone Directory V 5.1 for iSeries is a business application that can be used for a company's directory of white pages. Exclusively included on a CD with IBM WebSphere Application Server - Express for iSeries, IBM Telephone Directory for iSeries is an application that provides a company with a directory for managing information about people. It manages names, telephone numbers, departments, and e-mail addresses for company personnel.

This telephone directory application is integrated into the IBM WebSphere Application Server - Express for iSeries GUI for easy deployment and administration. Personnel information is managed securely by the OS/400's Lightweight Directory Access Protocol (LDAP) server which is built in to OS/400.

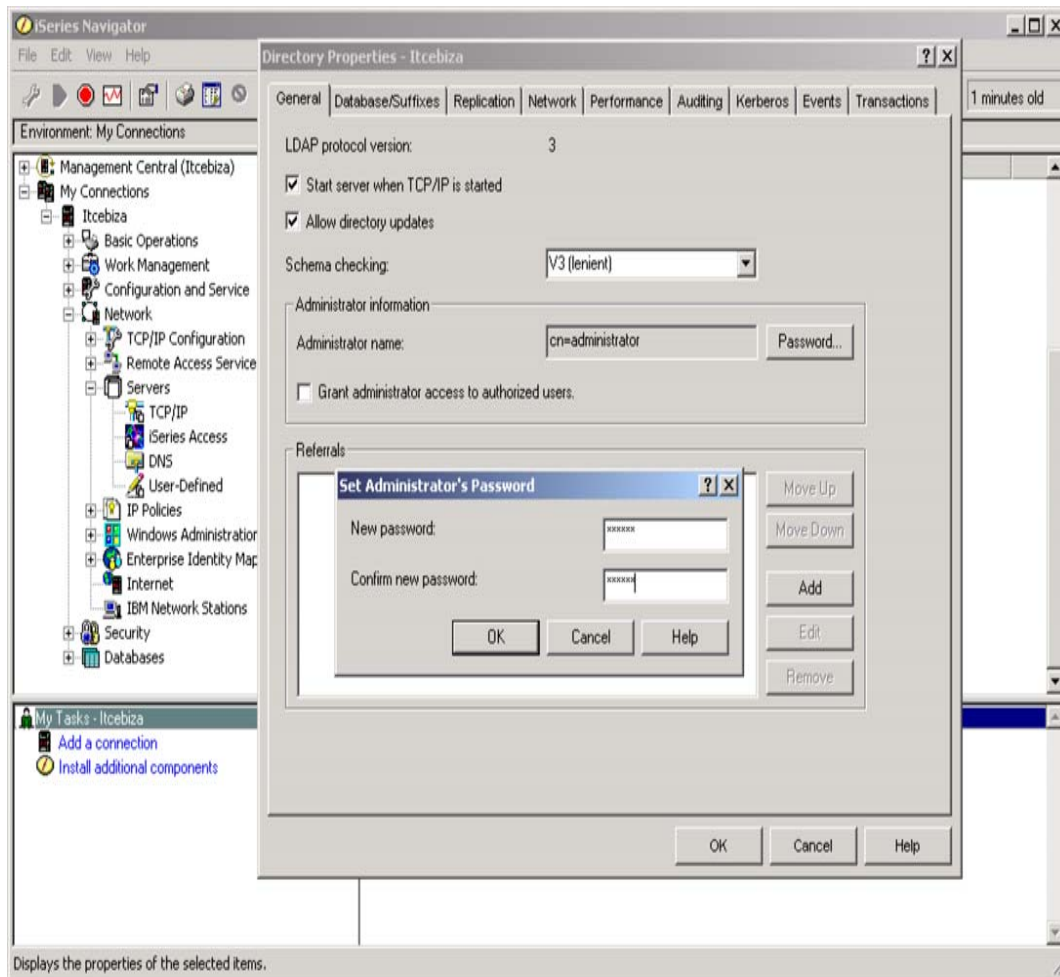
Configure it!



✓ From iSeries Navigator, start the **Directory TCP/IP** service.

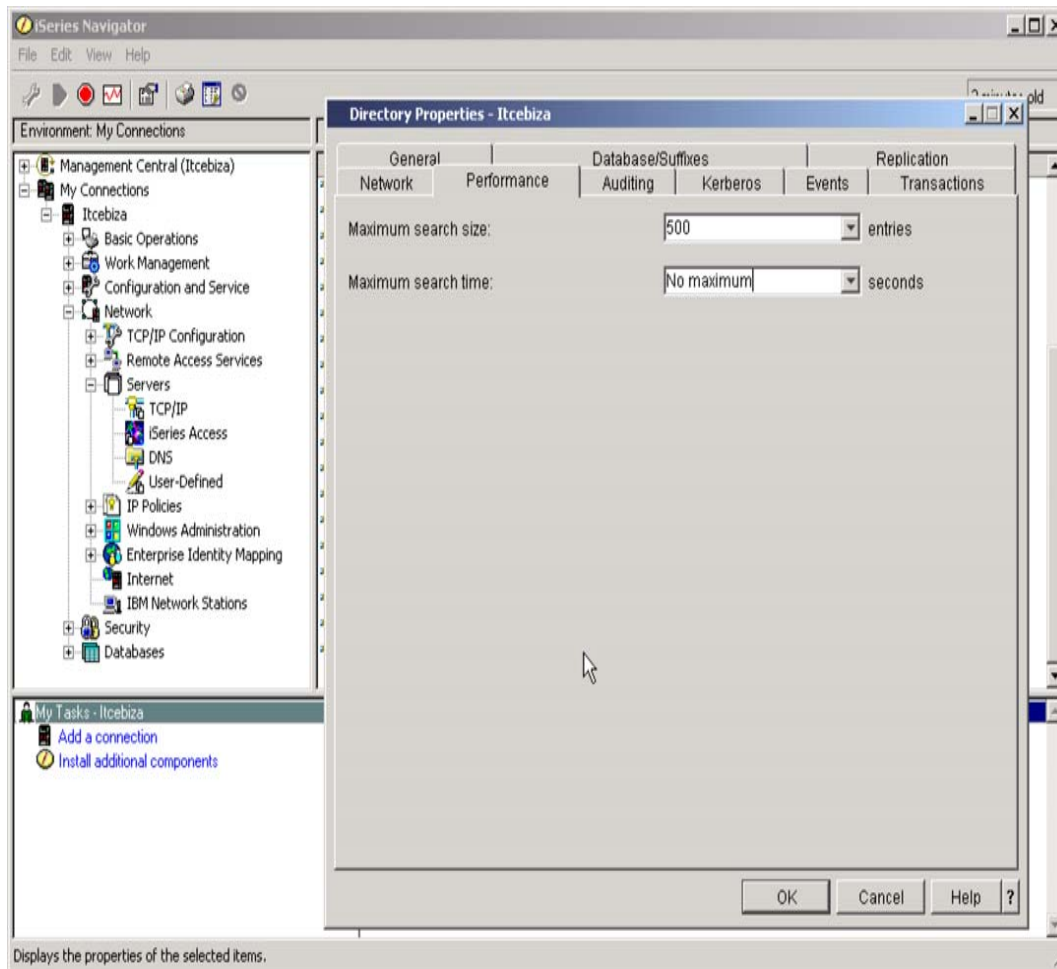
! Note: If you don't see the option to start Directory services, you must configure it first. See the installation documentation.

Configure it!



- ✓ From the **Directory properties** menu, select the **General** tab and specify an administration password (if you haven't specified one already).

Configure it!



- ✓ Click the **Performance** tab and verify that the **Maximum search size** field is set to the value **No maximum** or a value greater than **1000**.
- ✓ Click **OK** and specify to restart the server now when prompted.

Configure it!

QSH Command Entry

⌘

```
====> itdsetup -w myldappwd -a myitdpwd -u
```

```
F3=Exit   F6=Print  F9=Retrieve F12=Disconnect  
F13=Clear F17=Top   F18=Bottom F21=CL command entry
```

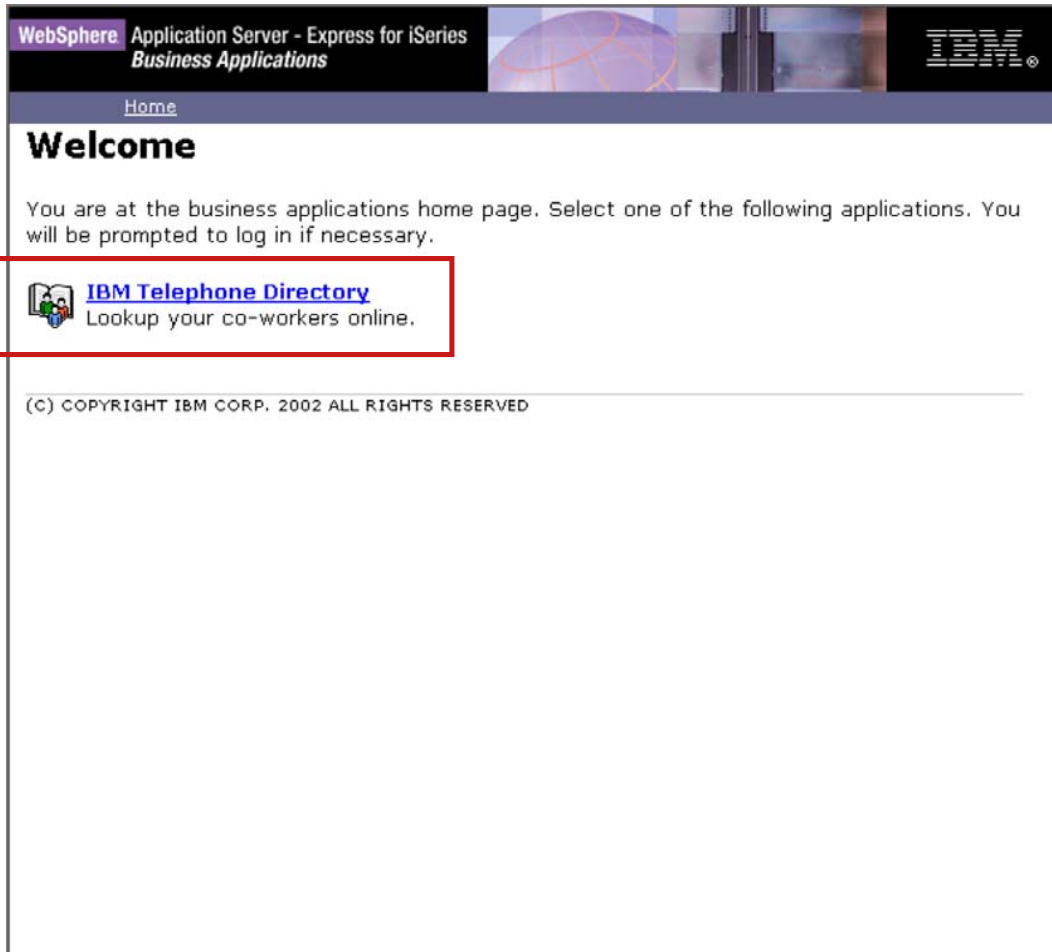
- ✓ Directory Services must be configured to support IBM Telephone Directory using a supplied configuration script*. From the QShell command prompt (STRQSH) enter command:

itdsetup -w myldappwd -a myitdpwd -u

where **myldappwd** is your Directory Services Administration password, and **myitdpwd** password is the IBM Telephone Directory administrators password you specify now for use later. Note that both of these are passwords are case sensitive!!

! *The configuration script can be customized with optional parameters For details on all parameters, see the Express documentation

Use it!




WebSphere Application Server - Express for iSeries
Business Applications

Home

Welcome

You are at the business applications home page. Select one of the following applications. You will be prompted to log in if necessary.

 [IBM Telephone Directory](#)
Lookup your co-workers online.

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- ✓ Try **IBM Telephone Directory** right away! Navigate to `http://your-iserries/bizApps` (specify the specific HTTP server port if you didn't select the default of 80 when using the configuration wizard)
- ✓ Click the **IBM Telephone Directory** link.

Use it!

WebSphere Application Server - Express for iSeries
Business Applications

Home

[Search](#)
[Advanced Search](#)
[Help](#)
[Register](#)

Search

Search for an employee using the fields below.

Search On: [Advanced Search](#)

Search For:

Search Tips

When searching by name, enter the last name first. To search for matches that begin or end with the same characters, use an asterisk as a wildcard.

Examples of searches by name: Smith, John
smi*,j
*ith

- ✓ Add information for an employee! Click the **Register** link.
- ✓ You will be asked to authenticate. Use the password you specified when you ran the ITD configuration script (Note that the password is case sensitive!)

Use it!

WebSphere Application Server - Express for iSeries
Business Applications

Home

[Search](#)
[Advanced Search](#)
[Help](#)
[Register](#)

Register

[Exit Register](#)

Fill out the fields below and click 'Submit' to register and create your profile for listing within the IBM Telephone Directory. A suggested User ID will be prefilled below based on the name you enter. However, you may change the User ID to a different value if you prefer to do so.
Fields marked with an asterisk (*) are required.

Registration Information

First Name: *

Middle Initial:

Last Name: *

Suffix: e.g., Jr.

User ID: *

Password: * Max. 16 characters

Confirm Password: *

Profile Information

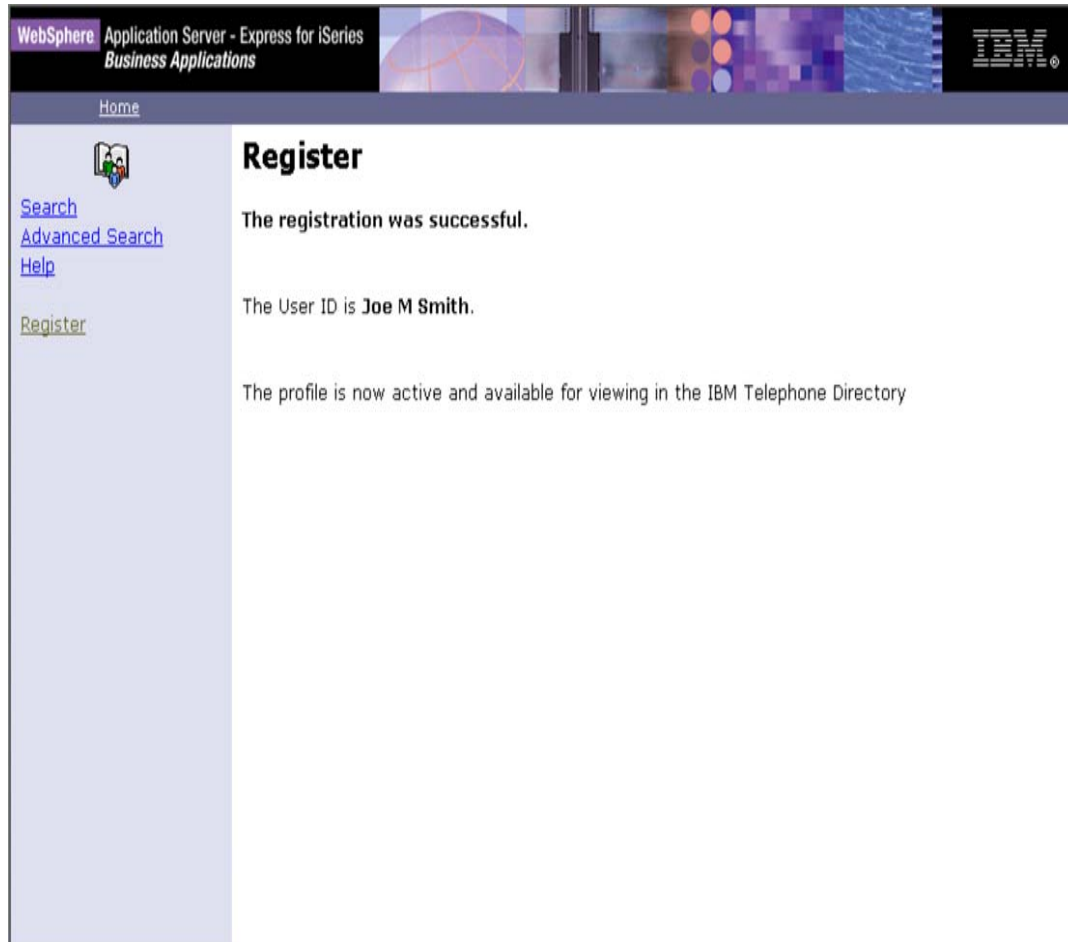
Preferred First Name: e.g., Bob

Title:

Alternate Last Name:

- ✓ Populate the registration page with data for a specific employee. When finished, click the **Submit** button at the bottom of the page.

Use it!



- ✓ That's it! You've registered an employee within IBM Telephone Directory. Now try searching for that employee by clicking the **Search** link.

Use it!

WebSphere Application Server - Express for iSeries
Business Applications

Home

[Search](#)
[Advanced Search](#)
[Help](#)
[Register](#)

Search

Search for an employee using the fields below.

Search On: [Advanced Search](#)

Search For:

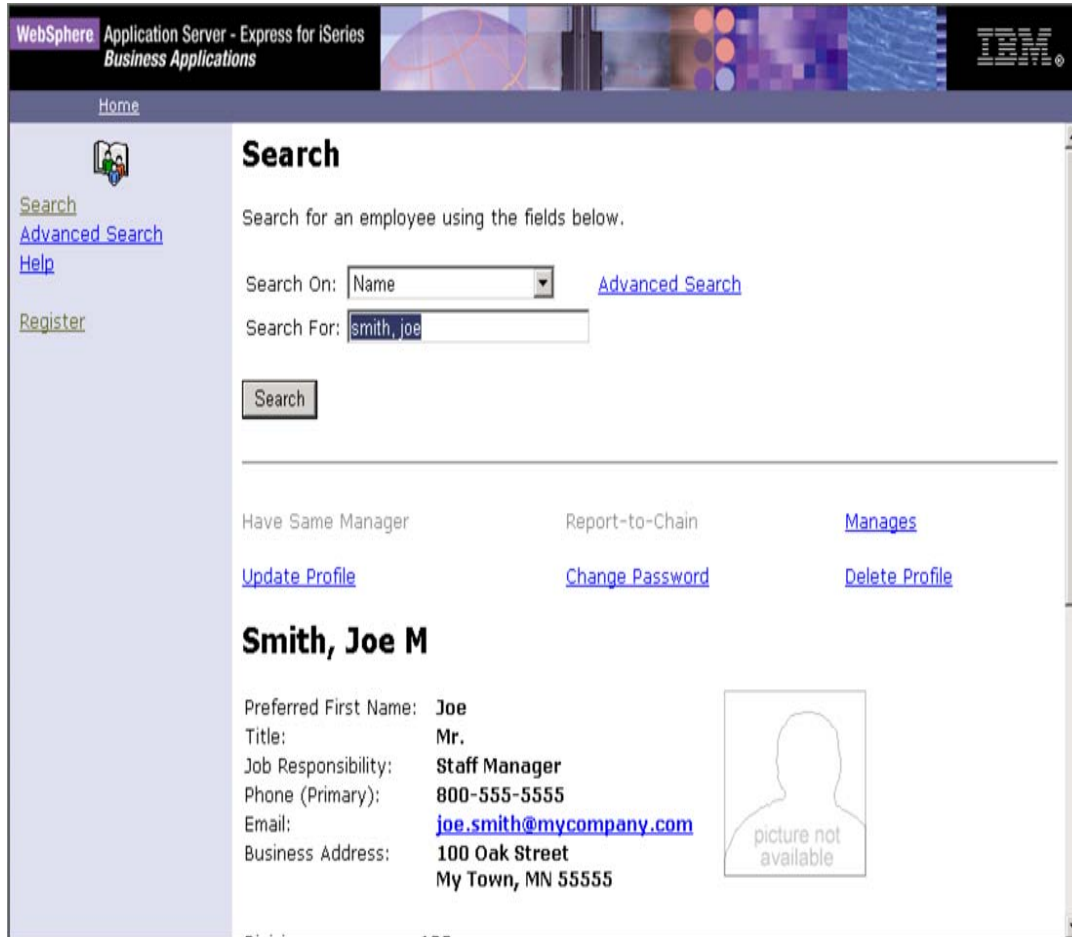
Search Tips

When searching by name, enter the last name first. To search for matches that begin or end with the same characters, use an asterisk as a wildcard.

Examples of searches by name: Smith, John
smi*,j
*ith

- ✓ On the **Search** page, specify to search on a **Name**, then specify to search for the name you just entered, with the last name followed by the first name. Click the **Search** button.

Use it!



The screenshot displays the WebSphere Application Server interface for iSeries Business Applications. The page title is "WebSphere Application Server - Express for iSeries Business Applications". The main content area is titled "Search" and contains a search form with the following fields and options:

- Search On: Name (dropdown menu)
- Search For: smith, joe (text input)
- Advanced Search (link)
- Search (button)

Below the search form, there are several links: "Have Same Manager", "Report-to-Chain", "Manages", "Update Profile", "Change Password", and "Delete Profile".

The search results for "Smith, Joe M" are displayed below:

- Preferred First Name: Joe
- Title: Mr.
- Job Responsibility: Staff Manager
- Phone (Primary): 800-555-5555
- Email: joe.smith@mycompany.com
- Business Address: 100 Oak Street, My Town, MN 55555

A placeholder for a profile picture is shown with the text "picture not available".

✓ You should see the information for the employee you just entered!



Congratulations. You are ready to deploy your own applications!!

More Information!

To learn all there is about WebSphere on iSeries, including products, education, and services available, check out the first edition of the **IBM WebSphere for iSeries Buying and Selling Guide** Redpaper. <http://www.redbooks.ibm.com/redpapers/pdfs/redp3646.pdf>

Join the **iSeries Nation**, the essential destination for the iSeries community. Become a citizen today! Registration is quick and easy, and gives you access to valuable offers and a wealth of information to help you improve your IT department and your business.

<http://www-1.ibm.com/servers/eserver/audience/Homepage.wss?view=ination>

Take advantage of **IBM Redbooks** that provide positioning and value guidance, installation and implementation experiences, typical solution scenarios, and step-by-step "how-to" guidelines.

<http://www.redbooks.ibm.com>

REDP3624

WebSphere Application Server - Express V5.0 for iSeries

SG24-6801

The IBM WebFacing Tool: Converting 5250 Applications to Browser-based GUIs

SG24-6804

iSeries Access for Web V5R2 and WebSphere Host Publisher V4.0

IS-3710R01

Hot V5R2 iSeries Access Topics: Administering its Software, Functions, and Users; using HATS (Residency)

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