

## Configuring IBM WebSphere Portal V6.1

This example is for users that are familiar with the Web serving environment and have an existing IBM® WebSphere® Portal V6.1 environment. This example describes all the steps necessary to get System i™ Access for Web running in an existing IBM WebSphere Portal V6.1 environment.

Configuring your portal environment consists of these steps:

- Start the IBM Web Administration for System i™ interface. See step 1.
- Start the IBM WebSphere Portal environment. See step 2.
- Configure System i Access for Web portlets. See step 3.
- Use the System i Access for Web portlets. See step 4.

### Steps to configure the IBM WebSphere Portal environment:

1. Start the IBM Web Administration for i5/OS interface.
  - a. Start a 5250 session to the system.
  - b. Sign on with a user profile that has at least these special authorities:  
\*ALLOBJ, \*IOSYSCFG, \*JOBCTL, and \*SECADM.
  - c. Run the following command to start the Web administration interface job:  
STRTCPSVR SERVER(\*HTTP) HTTPSVR(\*ADMIN)
  - d. Minimize the 5250 session.
2. Start the IBM WebSphere Portal environment.
  - a. Open a browser to: `http://(system_name):2001/HTTPAdmin`
  - b. Log in with a user profile that has, at least, these special authorities:  
\*ALLOBJ, \*IOSYSCFG, \*JOBCTL, and \*SECADM.
  - c. Start the IBM WebSphere Portal environment where System i Access for Web portlets will be configured. Wait for the environment to reach a running status before continuing to the next step.

**Note:** System i Access for Web only supports WebSphere Portal 6.1 running in a WebSphere Application Server V6.1 for OS/400® (Base and Network Deployment editions) environment.

3. Configure System i Access for Web portlets. System i Access for Web provides commands to configure the product. A QShell script command is provided to perform this function with IBM WebSphere Portal 6.1.

- For a WebSphere Application Server V6.1 for OS/400 ("Base edition") profile, use this command:

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
cfgaccweb2 -appsvrtype *WP61BASE -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpdfcpag *CREATE
```

- For a portal environment using WebSphere Application Server Network Deployment V6.1 for OS/400 profile, use this command:

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
cfgaccweb2 -appsvrtype *WP61ND -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpdfcpag *CREATE
```

The configuration command uses these variables:

***was\_profile\_name***

The name of the WebSphere Application Server profile where WebSphere Portal has been deployed and is currently running.

***was\_install\_directory***

The location in the i5/OS integrated file system where the WebSphere Application Server edition being used to run WebSphere Portal is installed.

The default location for WebSphere Application Server V6.1 for OS/400 ("Base edition") is /QIBM/ProdData/WebSphere/AppServer/V61/Base.

The default location for WebSphere Application Server Network Deployment V6.1 for OS/400 is

/QIBM/ProdData/WebSphere/AppServer/V61/ND.

***wp\_user\_ID***

The WebSphere Portal user ID that has administrator-level authority to perform configuration changes to WebSphere Portal.

***wp\_password***

The password for the user ID specified in the -wpusrid parameter.

### ***your\_system\_name:port/wps/config***

The Uniform Resource Locator (URL) to access the WebSphere Portal configuration servlet. Replace *your\_system\_name:port* with the name of your i5/OS system and the port the environment is using.

#### **\*CREATE**

Tells the command to create the default System i Access for Web portal pages and add System i Access for Web portlets to those pages. Specify \*NOCREATE if you do not want these portal pages to be created.

4. Use the System i Access for Web portlets.
  - a. Open a new browser window to the IBM WebSphere Portal log in page. The URL might be similar to `http://(system_name):(port)/wps/portal`.
  - b. Select the **Log in** link in the upper right corner of the page to log in to IBM WebSphere Portal.
  - c. The Web page prompts for a User ID and Password.
    - In the **User ID** field, enter an IBM WebSphere Portal user ID that has administrative authority.
    - In the **Password** field, enter the password.

Select **Log in**.

- d. The Web page is updated displaying the Welcome page.
- e. Select the new **My System i** tabbed page.
- f. Configure the System i Access for Web portlets.

Most of the System i Access for Web portlets must be configured before they can be used. The remaining steps use the System i Printer Output portlet as an example to describe how to configure most System i Access for Web portlets.

- g. Select the **Print** link.
- h. In the System i Printer Output portlet window, select the down arrow in the upper right corner of the portlet window to display the Portlet Menu. Select **Edit Shared Settings** from the Portlet Menu to change the configuration settings for the portlet.

- In the **System** section, leave the default value for **System** or enter the name of your i5/OS system.
- In the **Authentication** section, select **Use credential specific to this portlet window**. Enter i5/OS user and password information for the system specified in the **System** field.
- In the **General** section, select **Show server** and **Show user**.

At the bottom of the page, select **OK**.

- The page is updated. The System i Printer Output portlet lists available spooled files. Each spooled file has several action icons available.

Select the **Send printer output name to** icon, then select **Send to System i Printer Output - Viewer**.

- The System i Printer Output - Viewer portlet is updated with a link to a PDF version of the spooled file selected in the previous step. If you prefer to view the PDF within the portlet window, select the down arrow in the upper right corner of the System I Printer Output – Viewer portlet window, select **Edit Shared Settings**, and select the **View file within portlet** option.

Select **OK**.

- Select the **5250** link on the left side of the window.
- The System i 5250 Session portlet **Server** field contains a default value. Enter a different i5/OS system name or leave the default setting.

Select **Start Session**. The System i 5250 Session portlet is connected to your i5/OS.

The steps above are a simple example for configuring and using System i Access for Web portlets to access your System i. System i Access for Web portlets can be added to other pages and coexist with other portlets.

By following these steps, you completed these tasks:

- Configured System i Access for Web portlets.
- Began using System i Access for Web portlets.

If you were to ever need to remove the System i Access for Web portlets from the WebSphere Portal configuration, you can use the rmvacweb2 QShell script command to remove the portlets and My System i Portal pages that were created.

- For a WebSphere Application Server V6.1 for OS/400 ("Base edition") profile, use this command:

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
rmvaccweb2 -appsvrtype *WP61BASE -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpdftpag *DELETE
```

- For a portal environment using WebSphere Application Server Network Deployment V6.1 for OS/400 profile, use this command:

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
rmvaccweb2 -appsvrtype *WP61ND -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpdftpag *DELETE
```

The configuration command uses these variables:

#### ***was\_profile\_name***

The name of the WebSphere Application Server profile where WebSphere Portal has been deployed and is currently running.

#### ***was\_install\_directory***

The location in the i5/OS integrated file system where the WebSphere Application Server edition being used to run WebSphere Portal is installed.

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The default location for WebSphere Application Server Network Deployment V6.1 for OS/400 is /QIBM/ProdData/WebSphere/AppServer/V61/ND.

#### ***wp\_user\_ID***

The WebSphere Portal user ID that has administrator-level authority to perform configuration changes to WebSphere Portal.

#### ***wp\_password***

The password for the user ID specified in the -wpusrid parameter.

#### ***your\_system\_name:port/wps/config***

The Uniform Resource Locator (URL) to access the WebSphere Portal configuration servlet. Replace *your\_system\_name:port* with the name of your i5/OS system and the port the environment is using.

**\*DELETE**

Tells the command to delete the default System i Access for Web portal pages.  
Specify \*NODELETE if you do not want these portal pages to be deleted.