

5761–XH2 6.1 System i Access for Web 5770–XH2 7.1 IBM i Access for Web Configuring IBM WebSphere Portal V7.0

First Edition (November 2010)

This edition supplements the 6.1 System i Access for Web Information Center documentation and the 7.1 IBM i Access for Web Information Center documentation.

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This example is for users that are familiar with IBM® WebSphere® Portal. It describes all the steps necessary to get IBM i™ Access for Web running in an existing IBM WebSphere Portal V7.0 environment on IBM i™.

Configuring your existing portal environment consists of these steps:

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

Steps to configure the existing IBM WebSphere Portal environment:

1. Start the IBM Web Administration for i 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 jobs:
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. Select the **Manage** tabbed page.

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- d. Start the IBM WebSphere Portal environment where IBM i Access for Web portlets are to be configured. Wait for the environment to reach a running status before continuing to the next step.

Note: IBM i Access for Web only supports WebSphere Portal V7.0 running in a WebSphere Application Server V7.0 for IBM i (Base and Network Deployment editions) environment.

3. Configure IBM i Access for Web portlets. IBM i Access for Web provides a QShell script command to configure the product with IBM WebSphere Portal 7.0.

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
cfgaccweb2 -appsvrtype *WP70 -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpptype portlet_type
           -wpdftpag *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 IBM i integrated file system where the WebSphere Application Server edition being used to run WebSphere Portal is installed.

If `-wasinsdir was_install_directory` is not specified, the value is determined as follows:

- If both the Base and Network Deployment editions are installed, an error is displayed stating that the WebSphere Application Server install location must be specified.
- If there is a single installation of the Base edition, that location is used.
- If there are multiple installations of the Base edition, the installation using the default install location (`/QIBM/ProdData/WebSphere/AppServer/V7/Base`) is used. If none of the installations are in the default location, an error is displayed stating that the WebSphere Application Server install location must be specified.
- If there is a single installation of the Network Deployment edition, that location is used.

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- If there are multiple installations of the Network Deployment edition, the installation using the default install location (/QIBM/ProdData/WebSphere/AppServer/V7/ND) is used. If none of the installations are in the default location, an error is displayed stating that the WebSphere Application Server install location must be specified.

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 IBM i system and the port the environment is using.

portlet_type

The type of portlets to configure in WebSphere Portal. IBM i Access for Web provides two portal applications: standard and IBM. The standard portal applications is a set of portlets written to the Java™ Specification Requests (JSR) 168 Portlet Specification. The IBM portal application is a set of portlets written to the IBM Portlet API.

Specify *STD to configure the standard portlets.

Specify *IBM to configure the IBM portlets.

***CREATE**

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

4. Use the IBM i Access for Web portlets.
 - a. Open a new browser window to the IBM WebSphere Portal Getting Started 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.

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- 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 Getting Started page.
 - e. Place the mouse cursor over the **My IBM i** tab along the top of the page. Select the Print link from the context menu that is displayed.
 - f. The My IBM i > Print page is displayed.
 - g. Configure the IBM i Access for Web portlets.

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

- h. In the IBM i Printer Output portlet window, select the Display menu image in the upper right corner of the portlet window to display the Portlet Menu. Select **Personalize** from the Portlet Menu to change the configuration settings for the portlet.
 - The settings for the IBM i Printer Output portlet are displayed with the Connection tab active. In the **System** section, leave the default value for **System** or enter the name of your IBM i system.
 - In the **Authentication** section, select **Use credential specific to this portlet window**. Enter IBM i user profile and password information for the system specified in the **System** field.
 - In the **General** section, select **Show system** and **Show user**.

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

The page is updated. The IBM i Printer Output portlet lists available spooled files. Each spooled file has several action icons available. Select the **View PDF** icon for one of the spooled files.

- i. The page is updated with information to identify the spooled file and a link to open a PDF version of the spooled file. Select **Done** to return to the list of spooled files.
- j. Place the mouse cursor over the **My IBM i** tab along the top of the page. Select the **5250** link from the context menu that is displayed.
- k. The My IBM i > 5250 page is displayed. The IBM i 5250 Session (Standard Portlet API) portlet is displayed with a form for starting a display session.

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- In the **System** section, leave the default value for **System** or enter the name of your IBM i system.

At the bottom of the page, select **Start Session**.

The page is updated. The IBM i 5250 Session portlet displays an IBM i Sign On screen.

The steps above provide a simple example for configuring and using IBM i Access for Web portlets to access your IBM i. IBM 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 IBM i Access for Web portlets.
- Began using IBM i Access for Web portlets.

Removing the IBM i Access for Web portlets:

If you need to remove the IBM i Access for Web portlets from the WebSphere Portal configuration, use the `rmvaccweb2` QShell script command to remove the portlets and My IBM i Portal pages that were created.

```
STRQSH
cd /QIBM/ProdData/Access/Web2/install
rmvaccweb2 -appsvrtype *WP70 -wasprf was_profile_name
           -wasinsdir was_install_directory
           -wpusrid wp_user_ID -wppwd wp_password
           -wpurl your_system_name:port/wps/config
           -wpptype portlet_type
           -wpdftpag *DELETE
```

The configuration command uses these variables:

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

If `-wasinsdir was_install_directory` is not specified, the value is determined as follows:

- If both the Base and Network Deployment editions are installed, an error is displayed stating that the WebSphere Application Server install location must be specified.

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- If there is a single installation of the Base edition, that location is used.
- If there are multiple installations of the Base edition, the installation using the default install location (`/QIBM/ProdData/WebSphere/AppServer/V7/Base`) is used. If none of the installations are in the default location, an error is displayed stating that the WebSphere Application Server install location must be specified.
- If there is a single installation of the Network Deployment edition, that location is used.
- If there are multiple installations of the Network Deployment edition, the installation using the default install location (`/QIBM/ProdData/WebSphere/AppServer/V7/ND`) is used. If none of the installations are in the default location, an error is displayed stating that the WebSphere Application Server install location must be specified.

wp_user_ID

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

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Specify `*STD` to configure the standard portlets.

Specify `*IBM` to configure the IBM portlets.

***DELETE**

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