

# 5722-XH2 V5R3 iSeries Access for Web

## *Workplace Services Express V2.5 - Setup/Configuration Example*

### **First Edition (August 2005)**

This edition supplements the V5R3 iSeries Access for Web InfoCenter documentation.

**(C) Copyright International Business Machines Corporation 1999, 2005. All rights reserved.**

U.S. Government Users Restricted Rights -- Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

---

## **Contents**

### [About this information](#)

[General information](#)

### [Getting Started](#)

[License Information](#)

[Overview](#)

### [Deploying iSeries Access for Web](#)

[Install iSeries Access for Web to the iSeries server](#)

[Setup Workplace Services Express V2.5](#)

[Configure iSeries Access for Web portlets](#)

[Using iSeries Access for Web portlets](#)

### [Additional information](#)

[IBM HTTP Server for iSeries](#)

[Workplace Services Express V2.5](#)

[iSeries Access for Web](#)

---

## **About this information**

The information in this document is a supplement to the information available in the IBM iSeries InfoCenter documentation.

The V5R3 iSeries Access for Web InfoCenter documentation is available in various language translations from the iSeries Access for Web website: <http://www.ibm.com/servers/eserver/iseries/access/web/>

The V5R3 iSeries Access for Web InfoCenter documentation covers topics such as:

- Licensing information
- An installation/setup checklist that addresses:
  - o Hardware/Software/web browser requirements.
  - o Installation of iSeries Access for Web to the iSeries server.
  - o Verification of PTFs.

- Configuration of iSeries Access for Web for the web environment on the iSeries server.
- Using iSeries Access for Web
- Administration and customization of iSeries Access for Web

iSeries Access for Web support for Workplace Services Express V2.5 was added after the V5R3 iSeries Access for Web InfoCenter documentation was written. This document was written to address the Workplace Services Express V2.5 environment. The reader should assume this document supersedes all of the information in the V5R3 iSeries Access for Web InfoCenter documentation, except for the Licensing information.

### **General information**

- You should read this information if you want to learn how to deploy iSeries Access for Web **portlets** to the Workplace Services Express V2.5 web environment.
- iSeries Access for Web only supports Workplace Services Express V2.5 when it is deployed on an iSeries.
- This information assumes that the system administrator will install and configure the iSeries server.
- In order to configure the iSeries server, you need a security level of Security Officer (\*SECOFR). This is the highest level of security on the iSeries server.
- Familiarity with the iSeries server is strongly recommended.
- Familiarity with the iSeries server web-serving environment is strongly recommended.
- Installation and configuration is necessary only on the iSeries server. Workstations only require a connection to the iSeries server and a web browser.
- V5R3 iSeries Access for Web requires V5R2 and later OS/400 iSeries servers.

---

## **Getting Started**

### **License Information**

iSeries Access for Web is a licensed program product. All components of iSeries Access for Web require an iSeries Access (5722-XW1) license before you can use them.

For more information, refer to the V5R3 iSeries Access for Web InfoCenter documentation which is available in various language translations from the iSeries Access for Web website:

<http://www.ibm.com/servers/eserver/series/access/web/>

### **Overview**

Workplace Services Express V2.5 is a collaborative portal solution for businesses. iSeries Access for Web has portlets that you can deploy to your Workplace Services Express environment that provide functionality in administrating iSeries servers.

To begin using iSeries Access for Web portlets, the Workplace Services Express environment must be setup on the iSeries server. The sections below will help guide you through the required steps. Some of the steps will be documented in detail in the sections below, but other steps will guide you to obtain information outside this document.

The steps to setup the workplace environment include:

- Installing V5R3 iSeries Access for Web, or upgrading a previous release, on your iSeries server.
- Setup Workplace Services Express V2.5 on your iSeries server.
- Configuring iSeries Access for Web portlets to the WSE environment.
- How to start using the portlets.

---

## **Deploying iSeries Access for Web**

The information below will guide you through the process of setting up the Workplace Services Express V2.5 environment and deploying iSeries Access for Web to that environment.

Follow the sections in the order outlined below.

### **Install iSeries Access for Web to the iSeries server**

The iSeries Access for Web licensed program product must be installed on the iSeries server before it can be configured for the WebSphere Portal environment.

The V5R3 iSeries Access for Web Readme documentation contains the detailed information you need to install or upgrade iSeries Access for Web. You can find the Readme documentation at:

<http://www.ibm.com/servers/eserver/series/access/web/v5r3readme.html>

When you reach the topic “Configure iSeries Access for Web” in the Readme documentation, return to this document. This document will address the configuration steps required for the Workplace Services Express V2.5 web environment.

Please refer to the Readme information before proceeding to the next topic.

### **Setup Workplace Services Express V2.5**

The Workplace Services Express InfoCenter contains the information you need to deploy Workplace Services Express and get it running on your iSeries server. The WebSphere Portal InfoCenter can be accessed at:

<http://publib.boulder.ibm.com/infocenter/wseic/v2r5/index.jsp>

The first two topics in the Workplace Services Express InfoCenter walk you through the process of helping you understand what Workplace Services Express is, the planning necessary before deploying Workplace Services Express on your iSeries server, and finally the installation and configuration. If you already have Workplace Services Express running on your iSeries server, you can proceed to the next topic.

The Workplace Services Express InfoCenter topics to review are:

#### **Product overview**

This section provides overview information about Workplace Services Express. Included in this section is a list of new features, and a description of the product.

## Getting started

This section contains information to help you get started with Workplace Services Express, including installation, launching and logging in.

The recommended method for configuring Workplace Services Express is to use the IBM Web Administration for iSeries interface. IBM Web Administration for iSeries includes a Workplace Services Express configuration wizard that simplifies configuration of Workplace Services Express and its core components by automatically detecting system information, suggesting commonly used values, and presenting information in step-by-step graphical format.

The IBM HTTP Administration Workplace Services Express setup wizard helps you create a Workplace environment by walking you through some or all of the following:

- HTTP server creation and configuration
- Creation of a new WebSphere Application Server instance
- Workplace Services Express configuration
- DB2 database configuration
- Portlet deployment
- LDAP
- Configuration of the IBM Workplace collaborative environment

Refer to the InfoCenter information and install and configure Workplace Services Express before proceeding to the next topic.

## Configure iSeries Access for Web portlets

This section will discuss how to deploy, or configure, iSeries Access for Web portlets to a Workplace Services Express configuration.

iSeries Access for Web provides a script command that is run within the Qshell environment to deploy the portlets. Use the steps below to run the command:

1. The Workplace environment must be running. This includes the HTTP server and the WebSphere Application Server/WebSphere Portal in which Workplace Services Express was configured to run.
2. Sign on to a 5250 session. The user profile you use must have \*ALLOBJ special authority.
3. Run the server command:  
**DSPPTF 5722XH2**
4. Verify the following PTF is listed with a status of applied or superseded.  
**SI18964**
5. Run the server command:  
**QSH**
6. Run the server command:  
**cd /QIBM/ProdData/Access/Web2/install**

7. Run the server command:

```
cfgaccweb2 -appsrvtype *WSE -wasinst <was_instance_name> -wpusrid <portal_admin_user>  
-wppwd <portal_admin_password> -wpurl <server_name>:<port>/lwp/config -wppag *YES
```

where:

**-appsrvtype** Web application server type  
\*WSE tells the command to configure for Workplace Services Express V2.5

This parameter is required.

**-wasinst** Web server instance name  
The name of the WebSphere Application Server instance that is running the Workplace Services Express environment.

If not specified, this parameter will default to use an instance name of “default”.

**-wpusrid** WebSphere Portal user ID  
Specifies the Portal administrative user ID within Workplace Services Express that will be used to configure iSeries Access for Web.

Changes to the Workplace Services Express configuration require a user ID be specified to make the changes. This is the same administrator level user ID that would be used to login to the Workplace Services Express user interface to perform administrator level functions.

The user ID and password are sent to the server unencrypted using an HTTP connection. If the connection could be compromised, this command should only be run within a protected intranet environment.

This parameter is required.

**-wppwd** WebSphere Portal password  
Specifies the password for the Portal administrative user ID within Workplace Services Express (specified by the wpusrid parameter).

This parameter is required.

**-wpurl** WebSphere Portal config URL  
Specifies the universal resource locator (URL) to access the Workplace Services Express configuration servlet. This servlet will add the necessary iSeries Access for Web configuration information to Workplace Services Express.

This URL is comprised of the following elements:

- The Workplace Services Express host name.
- The base universal resource identifier (URI), the default value is '/lwp'.
- The servlet extension '/config'.

An example for this value would be:

```
server_name.your_company.com/lwp/config
```

This parameter is required.

**-wppag** Create iSeries Access pages  
This parameter tells the command to create pages within Workplace Services Express and add the iSeries Access for Web portlets to those pages.

Valid values are: \*YES, \*NO

Default value if not specified is: \*YES

Example invocation:

```
cfgaccweb2 -appsrvtype *WSE -wasinst wseinst -wpusrid wpsadmin -wppwd wpsadmin -wpurl  
myserver.com/lwp/config -wppag *YES
```

Note: If your Portal server environment uses a port other than the default of 80, the `-wpurl` parameter would be set to "myserver.com:port/lwp/config"

1. As the command runs, several messages will be displayed:

*Configuring iSeries Access for Web*

*Preparing to perform the configuration changes.*

*Calling Portal Server to perform the configuration changes.*

*Refer to the following log file for additional success/failure information:*

*/QIBM/UserData/Access/Web2/wse/<was\_instance>/logs/cfgwseiwa.log*

*Refer to the following log file for additional success/failure information:*

*/QIBM/UserData/Access/Web2/wse/<was\_instance>/logs/cfgwseiwapage.log*

*iSeries Access for Web command has completed.*

2. When the command completes, iSeries Access for Web has been deployed to Workplace Services Express.
3. Review the additional information section below and then proceed to the next topic.

Additional Information:

### **Errors/Unexpected results**

If an error were to occur with the command or deploying the portlets and pages, the following log files are the first place to get additional information. If you place a call to IBM Software Service, they will ask that you provide these files:

- /QIBM/UserData/Access/Web2/logs/cmds.log
- /QIBM/UserData/Access/Web2/logs/cmdstrace.log
- /QIBM/UserData/Access/Web2/wse/<was\_instance>/logs/\*.log

### **Configuring again**

The `cfgaccweb2` command run above can be run multiple times. Rerunning the command will redeploy the iSeries Access for Web portlets and reset all iSeries Access for Web portlet configuration customizations back to shipped defaults.

### **rmvaccweb2 command**

The `rmvaccweb2` command can be used to remove the iSeries Access for Web portlet configuration. The command can be found in the same location as the `cfgaccweb2` command and it will accept the same parameters.

## **Using iSeries Access for Web portlets**

When the WebSphere application server reaches a running state and is ready to begin serving web pages, proceed with the following steps to begin using iSeries Access for Web portlets.

1. To access the portlets, open a web browser to **`http://<server_name>:<port>/lwp/workplace`**  
  
<server\_name> is the name of your iSeries server  
<port> is the port number that your HTTP server is configured to listen for requests on. This may not be required depending on your configuration.
2. Login to Workplace Services Express.
3. Assuming `-wppage *YES` was specified on the `cfgaccweb2` command invocation (if not specified, default action was `*YES`), there should be a tab labeled "My iSeries".

Click the **My iSeries** tab. Underneath it will be several pages containing 5250, IFrame, Files, Print, Database, and Command portlets. Click on each page's tab to see the portlets it contains.

4. For additional information on using the iSeries Access for Web portlets, refer to the V5R3 iSeries Access for Web InfoCenter documentation which is available in various language translations from the iSeries Access for Web website: <http://www.ibm.com/servers/eserver/iseries/access/web/>

---

## **Additional information**

### **IBM HTTP Server for iSeries**

For additional information on the IBM HTTP Server for iSeries, refer to the following web site:

<http://www.ibm.com/servers/eserver/iseries/software/http/>

### **Workplace Services Express V2.5**

For additional information on Workplace Services Express V2.5, refer to the following web site:

<http://publib.boulder.ibm.com/infocenter/wseic/v2r5/index.jsp>

## **iSeries Access for Web**

For additional information on iSeries Access for Web, refer to the following website:

<http://www.ibm.com/servers/eserver/series/access/web/>

---