

5722-XH2 V5R2 iSeries Access for Web

WebSphere Application Server V6.0 for OS/400 (“Base and Express Editions”) - Setup/Configuration Example

First Edition (February 2005)

This edition supplements the iSeries Access for Web V5R2 - Installation and Usage Guide, SG41-5518-01 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

Creating and Starting an HTTP server and Web application server

Configuring iSeries Access for Web to run in the web application server

iSeries Access for Web commands

Additional information

IBM HTTP Server for iSeries

WebSphere Application Server V6.0 for OS/400 iSeries

iSeries Access for Web

About this information

The information in this document is a supplement to the iSeries Access for Web V5R2 - Installation and Usage Guide, SG41-5518-01 documentation.

The iSeries Access for Web V5R2 - Installation and Usage Guide, SG41-5518-01 documentation is available on the iSeries Access for Web website:

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

The iSeries Access for Web V5R2 - Installation and Usage Guide 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.
 - o 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 WebSphere Application Server V6.0 for OS/400 was added after the iSeries Access for Web V5R2 - Installation and Usage Guide documentation was written so the documentation does not specifically address the WebSphere Application Server V6.0 environment. This document was written to supplement the iSeries Access for Web V5R2 - Installation and Usage Guide documentation.

This document assumes you have been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation and have completed steps 1 – 6. Steps 7 – 13 of the Setup checklist do not need to be performed. This document provides the information needed to complete the setup for the WebSphere V6.0 web serving environment.

If you have not been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation, you should refer to that documentation before continuing with the information below and complete steps 1 – 6.

Note: Step #2 in Setup checklist discusses the server software requirements. Please note WebSphere Application Server V6.0 for OS/400 is not mentioned in that documentation. Please refer to the WebSphere Application Server V6.0 for OS/400 documentation at <http://www.ibm.com/servers/eserver/iseries/software/websphere/wsappserver/> for required server software.

General information

- You should read this information if you want to learn how to deploy iSeries Access for Web servlets to the WebSphere Application Server V6.0 for OS/400 web environment.
- 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.
- V5R2 iSeries Access for Web requires V5R1 and later OS/400 iSeries servers.
- The example information in this document assumes the latest PTFs have been loaded and applied for the following and their dependent software products:
 - 5722-DG1 IBM HTTP Server for iSeries
 - 5733-W60 IBM WebSphere Application Server V6.0 of OS/400

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 iSeries Access for Web V5R2 - Installation and Usage Guide, SG41-5518-01 documentation which is available from the iSeries Access for Web website:

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

Overview

This document assumes you have been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation and have completed steps 1 – 6. Steps 7 – 13 of the Setup checklist do not need to be performed. This document provides the information needed to complete the setup for the WebSphere Application Server V6.0 web serving environment.

If you have not been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation, you should refer to that documentation before continuing with the information below and complete steps 1 – 6.

To begin using iSeries Access for Web servlets, the servlet web environment must be setup on the iSeries server. The sections below provide an example of how to set up the servlet web environment and configure iSeries Access for Web for that environment.

Deploying iSeries Access for Web

The information below will guide you through the process of creating a WebSphere web application server, an HTTP web server, and configuring iSeries Access for this new web environment.

The configuration instructions documented below are only an example. You may modify the configuration values if you wish. If you are unfamiliar with the web serving environment, it is highly recommended that you use the configuration values documented below. As you become more experienced with the web environment on your iSeries server, you can create additional web serving environments where you can modify the configuration values.

Follow the sections in the order outlined below.

Creating and Starting an HTTP server and Web application server

This document assumes you have been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation and have completed steps 1 – 6. Steps 7 – 13 of the Setup checklist do not need to be performed. If you have not completed steps 1 – 6, it is highly recommended that those steps be completed before continuing with the information below.

The instructions below assume the latest PTFs have been loaded and applied to the iSeries server for the following software products:

- 5722-DG1 IBM HTTP server for iSeries
(<http://www.ibm.com/servers/eserver/series/software/http/>)
- 5733-W60 WebSphere Application Server V6.0 for OS/400
(<http://www.ibm.com/servers/eserver/series/software/websphere/wsappserver/>)

Use the instructions below to create a WebSphere instance/application server and HTTP web server.

1. Sign on to a 5250 session. The user profile you use must have security officer authority.
2. Run the server command:
STRTCPSVR *HTTP HTTPSVR(*ADMIN)
3. Open a web browser to:
http://<server_name>:2001
4. Click the link:
IBM HTTP Server for iSeries or IBM Web Administration for iSeries
5. Click the tab labeled:
Setup
6. Under “Common Tasks and Wizards”, click the link labeled:
Create Application Server
7. The screen will be refreshed. On the Create Application Server page, click the button:
Next
8. The screen will be refreshed. On the Select WebSphere Application Server Version page, select the radio button for:
V6.0
9. Click the button:
Next
10. On the Specify Application Server Name page, type the following exactly as shown in the Application server name field:
iwa60
11. Click the button:
Next
12. On the Select HTTP Server Type page, select the radio button for:
Create a new HTTP server (powered by Apache)
13. Click the button:
Next
14. On the Create a new HTTP server (powered by Apache) page, type the following in the HTTP server name field:
iwa60

(Note: We are using the same name for both the WebSphere profile/application server and the HTTP server so that it is easy to see that the two servers are associated with each other. It is OK to use the same name for each because they are two different types of servers running in different subsystems.)

15. Type the following in the Port field:

2046

(Note: Please verify that port 2046 is available for use. Use the NETSTAT *CNN server command to list ports that are currently in use on your server. Check the listed ports to verify 2046 is not already being used by some other program. If 2046 is already being used, specify a different value for this field.)

16. Click the button:

Next

17. On the Specify Internal Ports Used by the Application Server page, the First port in range field has been defaulted to a port number. The wizard has verified the default value is available for use. Do not change the default value unless you are sure the value you type is available for use.

18. Click the button:

Next

19. On the Select Sample Applications page, do not change any of the default selections unless you are sure you need or desire to have those applications installed.

20. Click the button:

Next

21. If the Configure Identity Token SSO for Web to i5/OS Access page is displayed, select the radio button for:

Do not configure Identity Tokens

Click the button: **Next**

22. On the Summary page, click the button:

Finish

23. The page will be refreshed showing that your web environment is being created. Wait for the create step to complete before continuing. When the create step completes, the status will be updated to Stopped.

Congratulations, you have successfully created a WebSphere profile/application server named **iwa60** and an HTTP server named **IWA60**.

Configuring iSeries Access for Web to run in the web application server

This document assumes you have been using the setup checklist in Chapter 2 of the iSeries Access for Web V5R2 - Installation and Usage Guide documentation and have completed steps 1 – 6. Steps 7 – 13

of the Setup checklist do not need to be performed. If you have not completed steps 1 – 6, it is highly recommended that those steps be completed before continuing with the information below.

The instructions below assume a WebSphere Application Server V6.0 for OS/400 profile/application server has been created on the iSeries server (see above for an example).

The instructions below assume the latest PTF(s) for the following software product(s) have been loaded and applied to the iSeries server:

- V5R3 5722-XH2 iSeries Access for Web
(<http://www.ibm.com/servers/eserver/series/access/web/>)

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

1. Sign on to a 5250 session. The user profile you use must have *ALLOBJ special authority.
2. The WebSphere application server must be running before iSeries Access for Web can be configured. Run the server command:
STRTCPSVR *HTTP HTTPSVR(*ADMIN)
3. Open a web browser to:
http://<server_name>:2001
4. Click the link:
IBM HTTP Server for iSeries or IBM Web Administration for iSeries
5. Click the tab labeled:
Manage
6. Click the sub-tab labeled:
Application Servers
7. In the Server dropdown dialog, select:
iwa60/iwa60 – V6.0
8. In the upper left of the page, click the link to Start the profile/application server. The status will be updated to Starting. Wait for the status to be updated to Running before continuing to the next step.
9. Return to the 5250 session.
10. Run the server command:
DSPPTF 5722XH2
11. Verify the following PTF is listed as having a status of applied or superseded.
SI16652
12. Run the server command:
QSH
13. Run the server command:

cd /QIBM/ProdData/Access/Web2/install

14. Run the server command exactly as shown:

cfgaccweb2 –appsvrtype *WAS60 –wasprf iwa60 –appsvr iwa60

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

Configuring iSeries Access for Web

Preparing to perform the configuration changes.

Calling WebSphere to perform the configuration changes.

iSeries Access for Web command has completed.

The WebSphere instance application server must be stopped and then started to enable the configuration changes.

16. When the command completes, iSeries Access for Web has been configured. To enable the configuration change, the WebSphere profile/application server must be restarted. The remaining steps help you restart the profile/application server.
17. Return to the browser session. In the upper left of the page, click the link to Stop the profile/application server. The status will be updated to Stopping. Wait for the status to be updated to Stopped before continuing to the next step
18. In the upper left of the page, click the link to Start the profile/application server. The status will be updated to Starting. Wait for the status to be updated to Running before continuing to the next step.
19. At the top of the web page, select the sub-tab labeled:
HTTP Servers
20. In the Server dropdown dialog, select:
IWA60 - Apache
21. In the upper left of the page, click the link to Start the HTTP server. Wait for the status to be updated to Running before continuing to the next step.
22. Open a new browser session to:
http://<server_name>:2046/webaccess/iWAHome

(Note: If 2046 was substituted with a different port number when the web environment was created, you should use that port number in the above browser address.)

Additional Information:

Errors/Unexpected results

If an error were to occur with the `cfgaccweb2` command, 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/was60/iwa60/iwa60/logs/*.log

rmvaccweb2 command

The rmvaccweb2 command can be used to remove the iSeries Access for Web configuration. The command can be found in the same location as the cfgaccweb2 command and it would be invoked with the same parameters:

```
rmvaccweb2 –appsvrtype *WAS60 –wasprf iwa60 –appsvr iwa60
```

iSeries Access for Web commands

The iSeries Access for Web commands used for the WebSphere Application Server V6.0 for OS/400 are script commands run within the QShell environment. Script commands were provided because support for this environment was added to the product in a PTF. The CL commands that are used for other web environments could not be updated and delivered in a PTF, so script commands were provided.

The example documentation above only mentioned two of the iSeries Access for Web commands, and just a few parameters for those commands.

The complete list of commands include:

- `cfgaccweb2` Configure iSeries Access for Web
- `straccweb2` Start iSeries Access for Web
- `endaccweb2` End iSeries Access for Web
- `rmvaccweb2` Remove iSeries Access for Web

cfgaccweb2

The Configure iSeries Access for Web (`cfgaccweb2`) script command is used to configure iSeries Access for Web for the following web serving environments:

- IBM WebSphere Application Server v5.0
- IBM WebSphere Application Server v5.0 - Express for iSeries
- IBM WebSphere Application Server v5.1
- IBM WebSphere Application Server v5.1 - Express for iSeries
- IBM WebSphere Application Server v6.0 for OS/400 (Base and Express editions)

Before iSeries Access for Web can be used, it must be configured using this command.

This command will use the input configuration parameters to add iSeries Access for Web servlet configuration information to the web application server.

If multiple web application servers, and instances/profiles of those application servers, are configured and running on the iSeries server, iSeries Access for Web can be configured to run within each of those web application servers and their instances/profiles.

When configuring iSeries Access for Web for multiple web application servers and instances/profiles, the new configuration can be created based on an existing configuration. The new configuration can share user-generated data with other configurations or a copy of the existing user data can be made for the new configuration.

This command will create a directory structure for user-generated data. User data will be stored to the following locations depending on the value specified in the `-appsvrtype` parameter:

- `*WAS50` /QIBM/UserData/Access/Web2/was50base/<wasinst>/<appsvr>
- `*WAS50EXP` /QIBM/UserData/Access/Web2/was50exp/<wasinst>/<appsvr>
- `*WAS51` /QIBM/UserData/Access/Web2/was51base/<wasinst>/<appsvr>
- `*WAS51EXP` /QIBM/UserData/Access/Web2/was51exp/<wasinst>/<appsvr>
- `*WAS60` /QIBM/UserData/Access/Web2/was60/<wasprf>/<appsvr>

When the command runs, status information will be displayed indicating what the command is processing. As the command runs, detailed status and error information will also be logged to `/QIBM/UserData/Access/Web2/logs/cmds.log`.

After the command completes, the web application server will have to be ended and restarted.

Restrictions:

- The user of this command must have `*ALLOBJ` authority.
- WebSphere Application Server v5.0, v5.1, v6.0 specific restrictions
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance/profile must be running before executing this command.
 - The WebSphere Application Server application server must be ended and restarted after running `Configure Access for Web (cfgaccweb2)`.
- WebSphere Application Server v5.0, v5.1 - Express for iSeries specific restrictions
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance must be running before executing this command.
 - The WebSphere Application Server - Express for iSeries server must be ended and restarted after running `Configure Access for Web (cfgaccweb2)`.

Parameters:

`-appsvrtype`

Specifies which web application server to configure iSeries Access for Web to run under.

The value specified for this parameter is case sensitive. The value must be specified exactly as shown below in the possible values list.

This is a required parameter.

Possible values are:

- `*WAS50` WebSphere v5.0
- `*WAS50EXP` WebSphere v5.0 – Express for iSeries
- `*WAS51` WebSphere v5.1
- `*WAS51EXP` WebSphere v5.1 – Express for iSeries
- `*WAS60` WebSphere v6.0

-wasinst

Specifies which IBM WebSphere Application Server instance to configure to run iSeries Access for Web.

This parameter is optional and applies only to WebSphere v5.0/v5.1.

Possible values are:

***DEFAULT:**

When WebSphere v5.0/v5.1 was installed, a default instance was automatically created. When *DEFAULT is specified, iSeries Access for Web will be configured within the default WebSphere instance.

When WebSphere v5.0/v5.1 – Express for iSeries was installed, no instances were automatically created. If *DEFAULT is specified, an instance called “default” will be configured.

WEB SERVER INSTANCE NAME:

Specify the name of the WebSphere instance to configure to run iSeries Access for Web.

-wasprf

Specifies which IBM WebSphere Application Server profile to configure to run iSeries Access for Web.

This parameter is optional and applies only to WebSphere v6.0.

Possible values are:

***DEFAULT:**

When WebSphere v6.0 was installed, a default instance was automatically created. When *DEFAULT is specified, iSeries Access for Web will be configured within the default WebSphere instance.

WEB SERVER PROFILE NAME:

Specify the name of the WebSphere profile to configure to run iSeries Access for Web.

-appsvr

Specifies the application server within the instance/profile to which iSeries Access for Web is to be configured. The application server provides the environment in which deployed web applications execute.

This parameter is optional.

Possible values are:

***DEFAULT:**

The following applies when the -appsvrtype parameter is set to *WAS50/*WAS51/*WAS60:

When this value is set to *DEFAULT and the –wasinst/-wasprf parameter is set to *DEFAULT, this value will be set to 'server1'.
When the –wasinst/-wasprf parameter is set to something other

than *DEFAULT, this value will be set to the value specified for the -wasinst/-wasprf parameter.

The following applies when the -appsvrtype parameter is set to *WAS50EXP/*WAS51EXP:

When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to *DEFAULT, this value will be set to 'default'. When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to something other than *DEFAULT, this value will be set to the value specified in the -wasinst parameter.

APPLICATION SERVER NAME:

Specify the name of the application server within the WebSphere instance/profile that is to be configured.

-nodename

Specifies the name of the node within the WebSphere instance to which iSeries Access for Web is to be configured. When the WebSphere instance was created, a specific name could have been specified for the node. In most cases, this parameter can be allowed to use default values.

This parameter is optional.

This parameter does not apply to WebSphere v6.0.

Possible values are:

*DEFAULT:

The following applies when the -appsvrtype parameter is set to *WAS50/*WAS51:

When the -wasinst parameter is set to *DEFAULT, this value will be set to the name of the iSeries server.

When the -wasinst parameter is set to something other than *DEFAULT, this value will be set to a combination of the iSeries server name and the value specified for the -wasinst parameter. For example, if the iSeries server name is SERVERA and the -wasinst parameter is set to 'TEST', this value would be set to 'SERVERA_TEST'.

The following applies when the -appsvrtype parameter is set to *WAS50EXP/*WAS51EXP:

When the -wasinst parameter is set to *DEFAULT, this value will be set to a combination of the iSeries server name and 'default'. For example, if the iSeries server name is SERVERA and the -wasinst parameter is set to *DEFAULT, this value would be set to

'SERVERA_DEFAULT'.

When the -wasinst parameter is set to something other than *DEFAULT, this value will be set to a combination of the iSeries server name and the value specified for the -wasinst parameter. For example, if the iSeries server name is SERVERA and the -wasinst parameter is set to 'MYINST', this value would be set to 'SERVERA_MYINST'.

NODE NAME:

Specify the name of the node within the WebSphere instance that is to be configured.

-srcsvrtype

When configuring iSeries Access for Web the configuration can be created based on an existing iSeries Access for Web configuration. This value specifies a web application server that has been configured to run iSeries Access for Web. The new configuration's user data will be created based on this existing configuration.

This parameter is optional.

Possible values are:

*WAS50	WebSphere v5.0
*WAS50EXP	WebSphere v5.0 – Express for iSeries
*WAS51	WebSphere v5.1
*WAS51EXP	WebSphere v5.1 – Express for iSeries
*WAS60	WebSphere v6.0
*WAS40ADV	WebSphere v4.0 Advanced Edition
*WAS40SNG	WebSphere v4.0 Advanced Single Server Edition
*ASFTOMCAT	ASF Tomcat

-srcsvrinst

Specifies a WebSphere instance/profile name or an ASF Tomcat server name that is configured within the web application server specified in the -srcsvrtype parameter. The new configuration's user data will be created based on this existing configuration.

This parameter is used in conjunction with the -srcsvrtype parameter.

Possible values for WebSphere are:

***DEFAULT:**

When the web application server was installed, a default instance/profile was automatically created. When *DEFAULT is specified, iSeries Access for Web will be configured based on the default instance/profile already configured to run iSeries Access for Web.

SOURCE WEB SERVER INSTANCE:

Specify the name of the web application server instance/profile that has already been configured to run iSeries Access for Web.

Possible values for ASF Tomcat are:

SOURCE WEB SERVER INSTANCE:

Specify the name of the ASF Tomcat server that has already been configured to run iSeries Access for Web.

-srcappsvr

Specifies the existing application server to which iSeries Access for Web has been configured.

A WebSphere instance/profile can contain more than one application server and that application server name can be configured. The application server provides the environment in which deployed web applications execute. To base a new configuration on an existing configuration, you need to specify the name of the application server within the WebSphere instance.

This parameter is only applicable when the `-srcsvrtype` parameter is set to ***WAS50**, ***WAS50EXP**, ***WAS51**, ***WAS51EXP**, ***WAS60**.

This parameter is used in conjunction with the `-srcsvrtype` and `-srcsvrinst` parameters.

Possible values are:

***DEFAULT:**

The following applies when the `-appsvrtype` parameter is set to ***WAS50**/***WAS51**/***WAS60**:

When this value is set to ***DEFAULT** and the `-wasinst/-wasprf` parameter is set to ***DEFAULT**, this value will be set to 'server1'. When the `-wasinst/-wasprf` parameter is set to something other than ***DEFAULT**, this value will be set to the value specified for the `-wasinst/-wasprf` parameter.

The following applies when the `-appsvrtype` parameter is set to ***WAS50EXP**/***WAS51EXP**:

When this value is set to ***DEFAULT** and the value specified for the `-wasinst` parameter is set to ***DEFAULT**, this value will be set to 'default'. When this value is set to ***DEFAULT** and the value specified for the `-wasinst` parameter is set to something other than ***DEFAULT**, this value will be set to the value specified in the `-wasinst` parameter.

APPLICATION SERVER NAME:

Specify the name of the application server within the WebSphere instance/profile and node that this new configuration will be based on.

-shrusrdata

When configuring based on an existing iSeries Access for Web configuration, this parameter indicates if user generated data will be shared with the configuration specified in the `-srcsvrtype`, `-srcsvrinst`, and `-srcappsvr` parameters.

This parameter is used in conjunction with the `-srcsvrtype`, `-srcsvrinst`, and `-srcappsvr` parameters.

Possible values are:

- *NO The new configuration will start with a copy of the existing configuration's user generated data.
- *YES The new configuration will share the user-generated data with the existing configuration.

Examples:

The following example will configure WebSphere v5.0, the 'default' instance which also contains an application server named 'server1'.

```
cfgaccweb2 -appsvrtype *WAS50 -wasinst default -appsvr server1
```

The following example will configure WebSphere v5.0 – Express for iSeries, an instance named 'iwaexp' which contains an application server named 'iwaexp'.

```
cfgaccweb2 -appsvrtype *WAS50EXP -wasinst iwaexp -appsvr iwaexp
```

straccweb2

The Start iSeries Access for Web (straccweb2) script command is used to start the iSeries Access for Web configuration within the web application server IBM WebSphere Application Server.

This command will start a configuration that was created using the `cfgaccweb2` command.

iSeries Access for Web must be started before it's functions can be accessed. When the application server within the WebSphere instance/profile is started, all deployed web applications within the application server are usually automatically started. You would use this command if iSeries Access for Web is not automatically started.

iSeries Access for Web can also be started using the web application server's administration function.

Restrictions:

- You must have all object (*ALLOBJ) special authority to run this command.
- iSeries Access for Web must be configured using the `cfgaccweb2` command before running this command.
- This command is only available for the following web application servers:
 - WebSphere Application Server v5.0
 - WebSphere Application Server v5.0 - Express for iSeries
 - WebSphere Application Server v5.1
 - WebSphere Application Server v5.1 - Express for iSeries
 - WebSphere Application Server v6.0
- WebSphere Application Server v5.0/v5.1/v6.0 for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance/profile must be running

before executing this command.

- WebSphere Application Server v5.0/v5.1 - Express for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance must be running before executing this command.

Parameters:

-appsvrtype

Specifies the web application server that iSeries Access for Web has been configured within.

The value specified for this parameter is case sensitive. The value must be specified exactly as shown below in the possible values list.

This is a required parameter.

Possible values are:

- ***WAS50** WebSphere v5.0
- ***WAS50EXP** WebSphere v5.0 – Express for iSeries
- ***WAS51** WebSphere v5.1
- ***WAS51EXP** WebSphere v5.1 – Express for iSeries
- ***WAS60** WebSphere v6.0

-wasinst

Specifies the name of the IBM WebSphere Application Server instance that contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v5.0/v5.1.

Possible values are:

*DEFAULT:

When WebSphere v5.0/v5.1 was installed, a default instance was automatically created. When *DEFAULT is specified, iSeries Access for Web will be started within the default WebSphere instance.

When WebSphere v5.0/v5.1 – Express for iSeries was installed, no instances were automatically created. If *DEFAULT is specified, an instance name of “default” will be used.

WEB SERVER INSTANCE NAME:

Specify the name of the WebSphere instance containing the iSeries Access for Web configuration.

-wasprf

Specifies which IBM WebSphere Application Server profile contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v6.0.

Possible values are:

***DEFAULT:**

When WebSphere v6.0 was installed, a default profile was automatically created. When ***DEFAULT** is specified, iSeries Access for Web will be configured within the default WebSphere profile.

WEB SERVER PROFILE NAME:

Specify the name of the WebSphere profile to configure to run iSeries Access for Web.

-appsvr

Specifies the application server to which iSeries Access for Web has been configured.

This parameter is optional.

Possible values are:

***DEFAULT:**

The following applies when the **-appsvrtype** parameter is set to ***WAS50/*WAS51/*WAS60:**

When the **-wasinst/-wasprf** parameter is set to ***DEFAULT**, this value will be set to 'server1'. When the **-wasinst/-wasprf** parameter is set to something other than ***DEFAULT**, this value will be set to the value specified for the **-wasinst/-wasprf** parameter.

The following applies when the **-appsvrtype** parameter is set to ***WAS50EXP/*WAS51EXP:**

When this value is set to ***DEFAULT** and the value specified for the **-wasinst** parameter is set to ***DEFAULT**, this value will be set to 'default'. When this value is set to ***DEFAULT** and the value specified for the **-wasinst** parameter is set to something other than ***DEFAULT**, this value will be set to the value specified in the **-wasinst** parameter.

APPLICATION SERVER NAME:

Specify the name of the application server within the WebSphere instance/profile and node that contains an iSeries Access for Web configuration.

Examples:

The following example will start the iSeries Access for Web configuration within WebSphere v5.0 for the 'default' instance that contains an application server named 'server1'.

```
straccweb2 -appsvrtype *WAS50 -wasinst default -appsvr server1
```

The following example will start the iSeries Access for Web configuration within WebSphere v5.0 – Express for iSeries for an instance named ‘iwaexp’ that contains an application server named ‘iwaexp’.

```
straccweb2 -appsvrtype *WAS50EXP -wasinst iwaexp -appsvr iwaexp
```

endaccweb2

The End iSeries Access for Web (endaccweb2) script command is used to end, or stop, the iSeries Access for Web configuration within the web application server IBM WebSphere Application Server.

This command will end a configuration that was created using the cfgaccweb2 command.

iSeries Access for Web can also be ended using the web application server's administration function.

Restrictions:

- You must have all object (*ALLOBJ) special authority to run this command.
- iSeries Access for Web must be configured using the cfgaccweb2 command before running this command.
- This command is only available for the following web application servers:
 - WebSphere Application Server v5.0
 - WebSphere Application Server v5.0 - Express for iSeries
 - WebSphere Application Server v5.1
 - WebSphere Application Server v5.1 - Express for iSeries
 - WebSphere Application Server v6.0
- WebSphere Application Server v5.0/v5.1/v6.0 for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance/profile must be running before executing this command.
- WebSphere Application Server v5.0/v5.1 - Express for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance must be running before executing this command.

Parameters:

-appsvrtype

Specifies the web application server that iSeries Access for Web has been configured within.

The value specified for this parameter is case sensitive. The value must be specified exactly as shown below in the possible values list.

This is a required parameter.

Possible values are:

- *WAS50** WebSphere v5.0
- *WAS50EXP** WebSphere v5.0 – Express for iSeries
- *WAS51** WebSphere v5.1
- *WAS51EXP** WebSphere v5.1 – Express for iSeries
- *WAS60** WebSphere v6.0

-wasinst

Specifies the name of the IBM WebSphere Application Server instance that contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v5.0/v5.1.

Possible values are:

***DEFAULT:**

When WebSphere v5.0/v5.1 was installed, a default instance was automatically created. When ***DEFAULT** is specified, iSeries Access for Web will be started within the default WebSphere instance.

When WebSphere v5.0/v5.1 – Express for iSeries was installed, no instances were automatically created. If ***DEFAULT** is specified, an instance name of “default” will be used.

WEB SERVER INSTANCE NAME:

Specify the name of the WebSphere instance containing the iSeries Access for Web configuration.

-wasprf

Specifies which IBM WebSphere Application Server profile contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v6.0.

Possible values are:

***DEFAULT:**

When WebSphere v6.0 was installed, a default profile was automatically created. When ***DEFAULT** is specified, iSeries Access for Web will be configured within the default WebSphere profile.

WEB SERVER PROFILE NAME:

Specify the name of the WebSphere profile to configure to run iSeries Access for Web.

-appsvr

Specifies the application server to which iSeries Access for Web has been configured.

This parameter is optional.

Possible values are:

***DEFAULT:**

The following applies when the -appsvrtype parameter is set to *WAS50/*WAS51/*WAS60:

When the -wasinst/-wasprf parameter is set to *DEFAULT, this value will be set to 'server1'. When the -wasinst/-wasprf parameter is set to something other than *DEFAULT, this value will be set to the value specified for the -wasinst/-wasprf parameter.

The following applies when the -appsvrtype parameter is set to *WAS50EXP/*WAS51EXP:

When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to *DEFAULT, this value will be set to 'default'. When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to something other than *DEFAULT, this value will be set to the value specified in the -wasinst parameter.

APPLICATION SERVER NAME:

Specify the name of the application server within the WebSphere instance/profile that contains an iSeries Access for Web configuration.

Examples:

The following example will end the iSeries Access for Web configuration within WebSphere v5.0 for the 'default' instance that contains an application server named 'server1'.

```
endaccweb2 -appsvrtype *WAS50 -wasinst default -appsvr server1
```

The following example will end the iSeries Access for Web configuration within WebSphere v5.0 – Express for iSeries for an instance named 'iwaexp' that contains an application server named 'iwaexp'.

```
endaccweb2 -appsvrtype *WAS50EXP -wasinst iwaexp -appsvr iwaexp
```

rmvaccweb2

The Remove iSeries Access for Web (endaccweb2) script command is used to remove the iSeries Access for Web configuration within the web application server IBM WebSphere Application Server.

This command will remove a configuration that was created using the cfgaccweb2 command.

iSeries Access for Web should not be removed from the WebSphere configuration using the WebSphere administration function.

Restrictions:

- You must have all object (*ALLOBJ) special authority to run this command.
- iSeries Access for Web must be configured using the cfgaccweb2 command before running this command.

- This command is only available for the following web application servers:
 - WebSphere Application Server v5.0
 - WebSphere Application Server v5.0 - Express for iSeries
 - WebSphere Application Server v5.1
 - WebSphere Application Server v5.1 - Express for iSeries
 - WebSphere Application Server v6.0
- WebSphere Application Server v5.0/v5.1/v6.0 for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance/profile must be running before executing this command.
- WebSphere Application Server v5.0/v5.1 - Express for iSeries specific restrictions:
 - The WebSphere Application Server subsystem must be running and in a ready state before running this command. Refer to the WebSphere documentation for information on starting the WebSphere subsystem and determining when it reaches a ready state.
 - The application server configured within the WebSphere instance must be running before executing this command.

Parameters:

-appsvrtype

Specifies the web application server that iSeries Access for Web has been configured within.

The value specified for this parameter is case sensitive. The value must be specified exactly as shown below in the possible values list.

This is a required parameter.

Possible values are:

*WAS50	WebSphere v5.0
*WAS50EXP	WebSphere v5.0 – Express for iSeries
*WAS51	WebSphere v5.1
*WAS51EXP	WebSphere v5.1 – Express for iSeries
*WAS60	WebSphere v6.0

-wasinst

Specifies the name of the IBM WebSphere Application Server instance that contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v5.0/v5.1.

Possible values are:

***DEFAULT:**

When WebSphere v5.0/v5.1 was installed, a default instance was automatically created. When ***DEFAULT** is specified, iSeries Access for Web will be started within the default WebSphere instance.

When WebSphere v5.0/v5.1 – Express for iSeries was installed, no instances were automatically created. If ***DEFAULT** is specified, an

instance name of “default” will be used.

WEB SERVER INSTANCE NAME:

Specify the name of the WebSphere instance containing the iSeries Access for Web configuration.

-wasprf

Specifies which IBM WebSphere Application Server profile contains an iSeries Access for Web configuration.

This parameter is optional and applies only to WebSphere v6.0.

Possible values are:

***DEFAULT:**

When WebSphere v6.0 was installed, a default profile was automatically created. When *DEFAULT is specified, iSeries Access for Web will be configured within the default WebSphere profile.

WEB SERVER PROFILE NAME:

Specify the name of the WebSphere profile to configure to run iSeries Access for Web.

-appsvr

Specifies the application server to which iSeries Access for Web has been configured.

This parameter is optional.

Possible values are:

***DEFAULT:**

The following applies when the -appsvrtype parameter is set to *WAS50/*WAS51/*WAS60:

When the -wasinst/-wasprf parameter is set to *DEFAULT, this value will be set to 'server1'. When the -wasinst/-wasprf parameter is set to something other than *DEFAULT, this value will be set to the value specified for the -wasinst/-wasprf parameter.

The following applies when the -appsvrtype parameter is set to *WAS50EXP/*WAS51EXP:

When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to *DEFAULT, this value will be set to 'default'. When this value is set to *DEFAULT and the value specified for the -wasinst parameter is set to something other than *DEFAULT, this value will be set to the value specified in the -wasinst parameter.

APPLICATION SERVER NAME:

Specify the name of the application server within the WebSphere instance/profile that contains an iSeries Access for Web configuration.

Examples:

The following example will remove the iSeries Access for Web configuration within WebSphere v5.0 for the 'default' instance that contains an application server named 'server1'.

```
rmvaccweb2 -appsvrtype *WAS50 -wasinst default -appsvr server1
```

The following example will remove the iSeries Access for Web configuration within WebSphere v5.0 – Express for iSeries for an instance named 'iwaexp' that contains an application server named 'iwaexp'.

```
rmvaccweb2 -appsvrtype *WAS50EXP -wasinst iwaexp -appsvr iwaexp
```

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/series/software/http/>

WebSphere Application Server V6.0 for OS/400

For additional information on WebSphere Application Server V6.0 for OS/400, refer to the following web site:

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

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/>
