



IBM System i™

Session: 409136

iSeries Access for Web The Browser Alternative

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i want stress-free IT.
i want control.
i want an i.

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Abstract

If you are looking for a extremely simple and highly functional way to work with System i resources, then iSeries Access for Web is the best option!

Users simply start up their favorite browser and point-and-click their way through easy-to-use GUIs and wizards. This session shows how users can run host applications, work with the database, printers, and the IFS. Network administration is a breeze as nothing is installed or configured on the PC, and control is at the server. You will see how to:

- Run host applications (5250 emulation), upload and download database information, and use the System i as a file and print server
- Convert spooled printer output to PDF and either print it or email it
- Work with printers, jobs, run commands, send messages-- all through easy-to-use GUIs designed around the browser interface
- How an administrator can set up different views ('window') of the System i for different groups of users.
- Learn about the new features in the V5R4 version of iSeries Access for Web.

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iSeries Access for Web sessions/labs

21MC - Get to the Web Fast with iSeries Access for Web

23MC - iSeries Access for Web: Setup and Configuration

25MC- iSeries Access for Web: Run 5250 in a Browser

 26LB - LAB: Series Access for Web: Installation and Configuration

36MC - Build a Home Page to Your i5/OS Using iSeries Access

41MC - Tips & Techniques for iSeries Access for Web

44LB - LAB: iSeries Access for Web

45MC - iSeries Access for Web: Database Access

51MM - iSeries Access for Web: Security Considerations

53MM - iSeries Access for Web Runs in a Portal

55ML - Programming with iSeries Access for Web

 55LB - LAB: Series Access for Web: Installation and Configuration

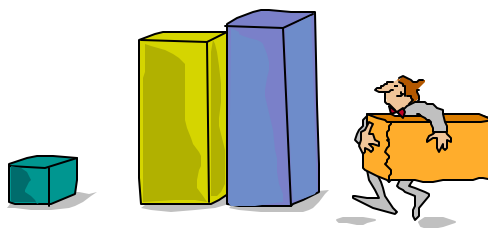
 Voted "Best Traditional Lab" at Spring and Fall 2005 COMMON

Functional enhancements can be submitted via the FITS system. The url is:

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

And click on link "[Request for Design Change](#)"

Packaging and Ordering



iSeries Access Family Packaging

V5R4 5722-XW1 iSeries Access Family	V5R3 5722-XW1 iSeries Access Famil	V5R2 5722-XW1 iSeries Access Family
<ul style="list-style-type: none"> iSeries Access for Windows, 5722-XE1, V5R4 iSeries Access for Web, 5722-XH2, V5R4 iSeries Access for Linux, 5722-XL1 iSeries Access for Wireless, 5722-XP1, V5R4 	<ul style="list-style-type: none"> iSeries Access for Windows, 5722-XE1, V5R3 iSeries Access for Web, 5722-XH2, V5R3 iSeries Access for Linux, 5722-XL1, V1.10 iSeries Access for Wireless, 5722-XP1, V5R3 HATS Limited Edition V5.0, 5724-F97-01 	<ul style="list-style-type: none"> iSeries Access for Windows, 5722-XE1, V5R2 iSeries Access for Web, 5722-XH2, V5R2 iSeries Access for Linux, 5722-XL1, V1.0 iSeries Access for Wireless, 5722-XP1, V5R2 HATS Limited Edition V4.0, 5724-D34-01 WebSphere Host Publisher, 5724-B81, V4.0, 5724-B81, V4.01
	<p>V5R3 customers not wanting to upgrade to i5/OS V5R4 but want the new V5R4 iSeries Access Family clients can order no-charge Feature No. 2648 of Product No. 5722-XW1</p>	<p>V5R2 customers not wanting to upgrade to i5/OS V5R3 but want the new V5R3 iSeries Access Family clients can order no-charge Feature No. 2647 of Product No. 5722-XW1</p>

Table of Contents

What is Access for Web?

Getting Started

Ways to roll out to end users

Control Access to functions



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What is iSeries Access for Web?

End users can leverage business information, applications, and resources across an enterprise by extending the iSeries resources to the client desktop through a web browser

Provides access to iSeries through a browser

- 5250 access
- Access to database, integrated file system, printers, output queues, jobs
- Can run batch commands and send/receive messages

It has the following advantages:

- Is server based
- Requires only a browser on the client, no configuration required at desktop, no applets installed on desktop
- Uses industry standard protocols - HTTP, HTTPS and HTML

• Windows
• Linux
• Macintosh
• Unix

Internet Explorer
Opera
Netscape
Firefox
Mozilla

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Fully Integrated with your Browser

- Use any code page available in your browser
 - iSeries Access for Web, V5R4, translated into 38 NLVs (including DBCS)
 - New Japanese Feature 2930 in V5R4
 - See screens in preferred language
- Use any keyboard setting available in Windows
- Font Size
- Set up your SSL through your browser

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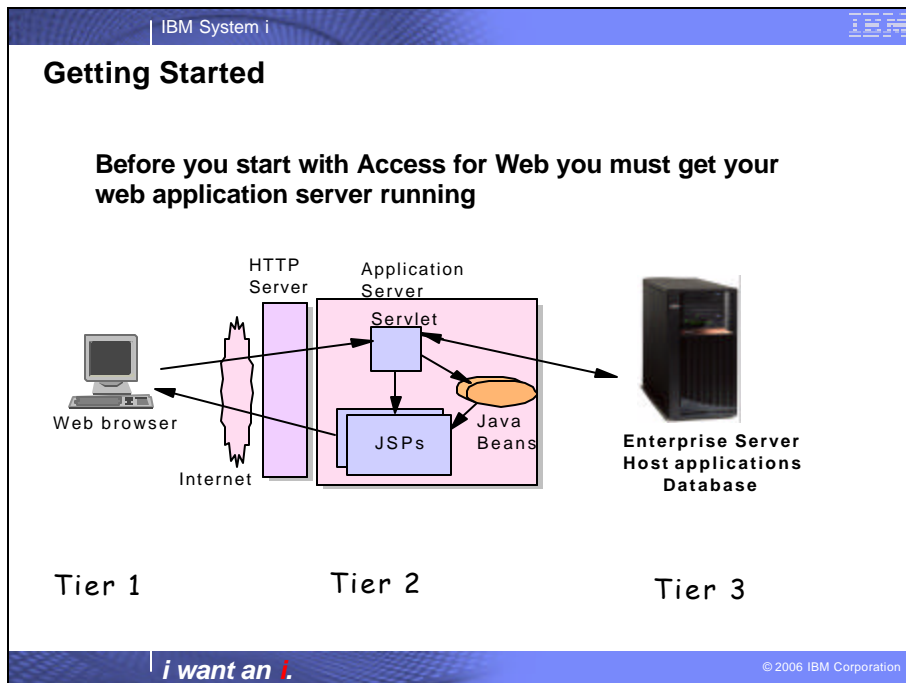
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Functions you can perform with iSeries Access for Web 5722-XH2, V5R4

<p>Print</p> <ul style="list-style-type: none"> • Printer output • PDF Printer output • Printers • PDF Printers • Internet Printers • Internet Printer Shares • Printer shares • Output Queues <p>5250</p> <ul style="list-style-type: none"> • Active Sessions • Start 5250 Session • Configured Sessions • Bypass Sign-on <p>Files</p> <ul style="list-style-type: none"> • Browse Files • Browse File Shares • File Shares 	<p>Messages</p> <ul style="list-style-type: none"> • Display Messages • Send Messages • Sametime • Operator Messages • Message Queue <p>Database</p> <ul style="list-style-type: none"> • Tables • My Request • Run SQL <ul style="list-style-type: none"> • Open Office Formats • Copy Data to Table • Import Requests <ul style="list-style-type: none"> • iSeries Access for Windows <ul style="list-style-type: none"> • Query Manager • Query/400 • Extract Server Data <p>Download</p>	<p>My Personal Folder</p> <p>Jobs</p> <ul style="list-style-type: none"> • User Jobs • Server Jobs <p>Customize</p> <ul style="list-style-type: none"> • Preferences • Policies • Settings • Transfer configuration <p>Commands</p> <ul style="list-style-type: none"> • Run commands • My commands • Search <p>Other</p> <ul style="list-style-type: none"> • Bookmarks, Change Password, Connection Pool, Status, Trace, About
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Supported Web Application Servers

The iSeries Access for Web servlet code can be used with any of the following web application servers;

- **WebSphere® Application Server V6.1 – Express for i5/OS**
- **WebSphere Application Server V6.0 for OS/400**
- **WebSphere Application Server V5.1 - Express for iSeries**
- **WebSphere Application Server V5.1 for iSeries**
- **WebSphere Application Server V5.0 - Express for iSeries**
- **WebSphere Application Server V5.0 for iSeries**
- **ASF Tomcat**

The iSeries Access for Web portlet code can be used with any of the following portal servers.

- **IBM Workplace Services Express V2.6**
- **IBM Workplace Services Express V2.5**
- **WebSphere Portal for Multiplatforms V5.1.0.1**
- **WebSphere Portal Express for Multiplatforms V5.0.2**
- **WebSphere Portal Express Plus for Multiplatforms V5.0**

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<http://www-03.ibm.com/servers/eserver/iseries/software/websphere/wsappserver/>

The screenshot shows the IBM website for WebSphere Application Server for i5/OS. The main content area lists features and provides links for various versions: Version 6.1, Version 6.0, Version 5.1, and Version 5.0. The right sidebar includes a 'Need something?' section with an 'iSeries' button and a 'Get something?' link, and an 'Emerging Technology' section with a 'Dynamic Java' link.

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Is your System i, iSeries or AS/400 ready?

Under 512Mb Under 300 CPW	Bxx, Cxx, Dxx, Exx, Fxx S10, S01, Pxx S20 / #2161, #2163 100, 150 170 / #2159, #2160, #2164, #2289, #2290, #2291, #2292, #2407, #2408, #2409 200, 20S, 250 270 / #2422, #2423, #2424, #2248, #2452, #2454	3xx, 4xx 500, 510, 50S 53S / #2154 530 / # 2150, # 2151 600 620 / #2175, #2179, #2180, #2181 720 / #2061 820 / #2425, #2426, #2457, #2456	WAS Express with few concurrent users
	512Mb-1GB 300-500 CPW	S30 / #2257 S20 / #2170, #2165 170 / #2176, #2183, #2383, #2384, #2385, #2386 270 / #2250, #2431 53S / #2155 530 / #2150, #2151 600 / All 620 / #2175, #2179, #2180, #2181 720 / #2161 820 / #2425, #2426, #2456, #2457	
Over 1GB And 500 CPW	SB1, SB2, SB3, S20(1), S30(1), S40, 170 / #2388 270 / #2252, #2253, #2432, #2434 53S / #2156, #2157 530 / #2153, #2162 730, 740, 800 / #2464 810, 825, 870, 890, i5 520, i5 550, i5 570, i5 595 / All		

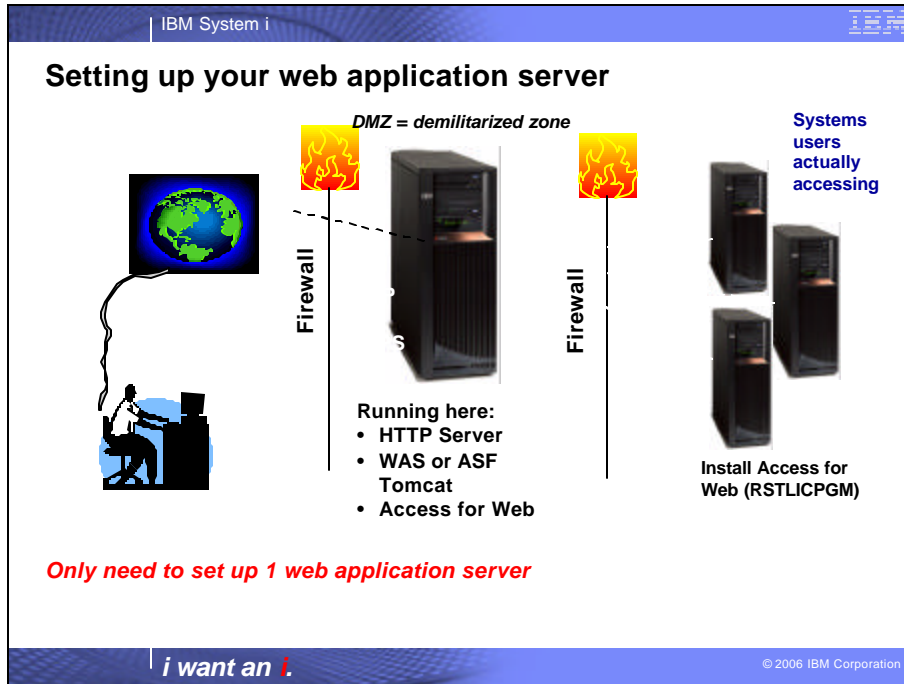
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Performance Considerations...

Use the IBM System i Workload Estimator at <http://www-912.ibm.com/wle/EstimatorServlet>

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Port Requirements Comparison

<p>iSeries Access for Windows (5722-XE1)*</p> <p>Port 449 for Port Mapper Port 8476 (9476) for Sign-on Port 8470 (9470) for Central Port 8472 (9472) for Data Queues Port 8471 (9471) for Database Port 8475 (9475) for Remote Commands Port 8473 (9493) for Print Port 2001 (2010) for Web Admin Port 446 (448) for DDM Port 23 (992) for Telnet Port 137, 138 for NetServer Port 389 (636) for LDAP Port 5555 (5566) for Mgmt Central Port 53 if using DNS Server</p>	<p>iSeries Access for Web (5722-XH2)</p> <p>Port 80 (or any other port) for HTTP Server Port 443 (or any other port) for HTTPS Server</p> <p>*See Information APAR I112227 for detailed information</p>
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Get Access for Web running

Print a copy of the Access for Web Install & Users Guide

- Downloadable from web at <http://www.ibm.com/eserver/iseries/access/web>

Install iSeries Access for Web from your i5/OS stacked media.

- RSTLICPGM - Install Access for Web, 5722-XH2, into QIBM directory

Configure and start Access for Web.

- CFGACCWEB2 - Configure the iSeries Access for Web application server
- STRACCWEB2 - Start the iSeries Access for Web application server.

Set some policies to enable or limit access to various functions of Access for Web

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Access for Web Documentation on the Web...

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

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4 CL Commands in Access for Web

Configure Command example when using WebSphere Application Server V5.1 - Express for iSeries

- CFGACCWEB2 -appsvrtype *WAS51EXP -wasinst iwa51exp -appsvr iwa51exp

Start Command example when using WebSphere Application Server V5.1 - Express for iSeries

- STRACCWEB2 APPSVRTYPE(*WAS51EXP) WASINST(MYINST) APPSVR(*DEFAULT)

End Command example when using WebSphere Application Server V5.1 for iSeries

- ENDACCWEB2 APPSVRTYPE(*WAS51) WASINST(DEPTXYZ) APPSVR(*DEFAULT)
- Sometimes you may need to end Access for Web so you can make changes, then start it again.

Remove Command

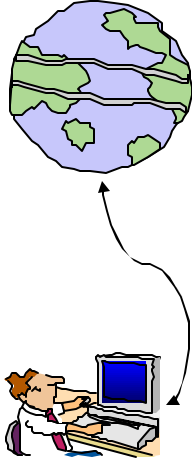
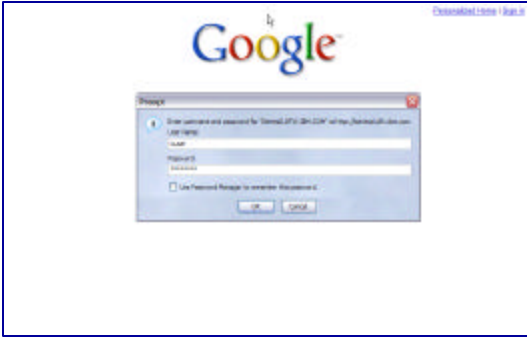
- The Remove iSeries Access for Web (RMVACCWEB2) command is used to remove the iSeries Access for Web configuration from a web application servers

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Users can now Connect!

- ❖ Open browser
- ❖ Key in System i url address
- ❖ Prompted for i5/OS user id and password

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Different Ways to Roll Out Access for Web

Use 'out of the box'

- Set some policies to limit what functions are accessible to your users, and give them the url address to Access for Web

Use 'out of the box', but set up predefined functions

- You can set up preconfigured 5250 sessions that users (or groups of users) can run, can create predefined database requests for users to run, set up commands users can run, etc.

Create your own 'window' to your system through Access for Web

- Add company banners to screens, set up 'click and link' tasks that users can perform, set up macros to simplify user access.

Use Access for Web with the IBM WebSphere Portal solution

- A single unified workspace in which your employees, trading partners, and customers can easily find and use the applications and information that they need



Different Ways to Roll Out iSeries Access for Web

Use 'out of the box'

Use 'out of the box', but set up predefined functions



Create your own 'window' to your system through iSeries Access for Web

Use the WebSphere Portal solution



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Home Page entry point

Home Page = <http://<mysystemi>:<port>/webaccess/iWAHome>

Access for Web
'Home Page' out-of-the-box view

This page is totally customizable

New 'look' in V5R4...

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Home Page entry point

Home Page = <http://<mysystemi>:<port>/webaccess/iWAHome>

Customized
'window' to i5/OS

Window is associated with i5/OS user profile

- Could look different for different i5/OS user profiles

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Your **Window** to your System i

<http://<myseries>/webaccess/iWAHome>

View is associated with i5/OS user profile

- An administrator can create multiple different 'windows' based on user profile / group profile for different types of users.
- Can tightly control what functions a user can perform on your System i
- Tie in with other web applications (such as WebFacing and HATS) from here as well
- Link to other systems, not just System i



- **One view and set of functions for the Accounting department**
- **Another view and set of functions for the Warehouse staff**


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Customized Home Page

Let's drill down and look at some of this...

You can test out this page too...



<http://iserieds.dfw.ibm.com/webaccess/iWAHome>

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Using 5250 emulator in Access for Web

The company banner, 'Access for Water' is carried forward on all screens

- Went into 'Customize → General' and pointed at file with the company .gif.

5250 emulator in Access for Web

- Application looks better and did no work
- Can use 5250 Bypass Signon (new in V5R4) to bypass i5/OS sign-on screen
- Can use Access for Web Macro support to start the RPG application (BOATS)



Zero (0) extra steps

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HATS version of RPG application

Easy to link to other web applications

This application was refaced using the IBM Host Access Transformation Services (HATS) Tool

- We must provide HATS with i5/OS userid and password again before we can access application
- HATS doesn't know that Access for Web already validated the user id/password



Note:


- V5R4 Access for Web supports WAS Authentication which means the authentication can be done once to WAS, then passed to other applications (if they have implemented this support).

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Task Oriented – not function oriented...

Selected **'work with invoices'**



- This takes user to 'Printer Output' – user's Spoolfile printer output
- SCS or AFP printer output is converted to PDF 'on the fly' by Access for Web to PDF
- Since it is now in .PDF format, user can print it to any network printer



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email PDF output

Email integrated with iSeries Access for Web

- Your mail server can be anywhere in your network
- Users receiving your email need only an email address

User selects an option in the Printer Output screen to **'email PDF output'**

- The PDF document is then included in an email note
- User's email address filled in; user only needs to address it.

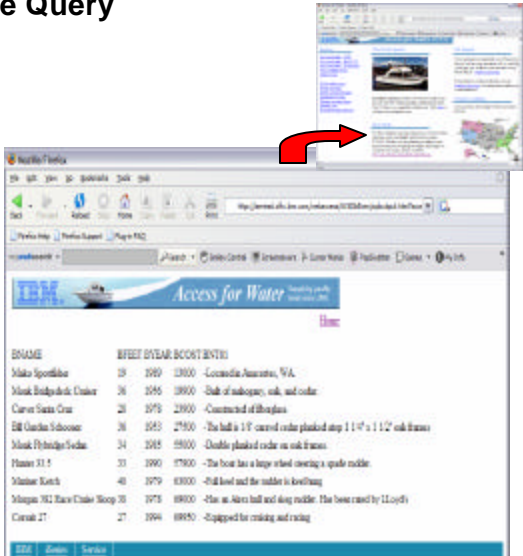
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Run an i5/OS Database Query

Clicked on 'View our selection of moderately priced boats'

- Administrator had previously built an SQL Query using the iSeries Access for Web 'Database' function
- Could also have been set up to show in an .XLS or .PDF format
 - a variety of other output types as well



The screenshot shows a web browser displaying the 'Access for Water' application. A red arrow points from the text 'Clicked on 'View our selection of moderately priced boats'' to a button on the page. Below the button is a table with the following data:

ENAME	BREEF	YEAR	BOON	BENTH
Mink Sportfisher	28	1940	13000	Customize Associates, WA.
Mink Budgetable Cruiser	26	1956	19900	Club of midranges, oak, and cedar.
Carver Sloop	28	1975	23900	Customized of fiberglass.
BK Ocean Schooner	26	1945	27500	The hull is 1 1/2" covered cedar planked atop 1 1/4" x 1 1/2" oak frames.
Mink Fiberglass Sedan	34	1945	55000	Double planked cedar on oak frames.
Yankee 31.5	31	1990	17900	The boat has a large wheel covering a square cockpit.
Mastor Ketch	40	1979	43000	Full hull and the cabin is ketching.
Morgan 361 Race Club Skipper	37	1975	88000	45m. Silver hull and deck middle. Has been raised by Lloyd's.
Caravel 27	27	1994	88950	Stuffed for cruising and racing.


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Mechanism to Distribute PC software to your users

Clicked on 'Download client software'

- Administrator had previously packaged some PC software using the iSeries Access for Web 'Download' function
- Administrator controls who will see each of these download options via i5/OS user profiles



The screenshot shows a web browser displaying the 'Access for Water' application. A red arrow points from the text 'Clicked on 'Download client software'' to a button on the page. Below the button is a table with the following data:

Name	Description	File	Size	Action
IBM PC DOS 6.02	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download
IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	IBM PC DOS 6.02 (1.44 MB) - For more information see: http://www.ibm.com/ibm/pcdos/602/	ibmpcdos602.exe	4,331,200	Download

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Integrate use of IBM Telephone Directory Software

IBM Telephone Directory product (plus two other web applications) are shipped with i5/OS V5R3/4 at no additional charge

- Clicked on 'IBM Telephone Directory', and searched on name of employee



The screenshot shows a web browser window displaying the IBM Telephone Directory. The page has a blue header with the IBM logo and navigation tabs. A search bar is visible at the top. Below the search bar, there is a profile for Sandra A. Miles, an IBM Systems & Technology Group employee. The profile includes a photo, contact information (phone, email, address), and a list of other employees in the same department.

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Try out Access for Web for yourself!

Start your browser and connect to the following web site:
<http://iseriesd.dfw.ibm.com/webaccess/iWAHome> (case sensitive)

<p>User ID = WUSER</p> <p>Password = demo2pwd</p>	<p>This shows the basic look of Access for Web as we ship it. You can try various functions -- including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto System i, then start an RPG application called BOATS and run it.</p>
<p>User ID = BOATADMIN</p> <p>Password = demo2pwd</p>	<p>This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session -- or they could have used HATS to run the application. You will also see other links that would let a user work with spoolfile information, work with IFS, run database requests, etc..</p>

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More Documentation...

Article describing how 'Access for Water' web page was built

- Go to the iSeries Access Family web page at: www.ibm.com/servers/eserver/iseries/access/web
- Click on the "Articles" link, and search for written Jan/Feb 2003 entitled 'Build a Quick and Easy Web Site with iSeries Access for Web'

iSeries Information Center has documentation specific to changing the default page content and styles at:

- <http://publib.boulder.ibm.com/infocenter/iseries/v5r4/topic/rzamm/rzammdefaultpg.htm>



Different Ways to Rollout Access for Web

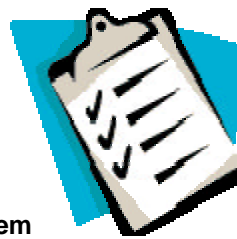
Use 'out of the box'



Use 'out of the box', but set up predefined functions

Create your own 'window' to your system through Access for Web

Use the WebSphere Portal solution




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Access for Web has many entry points


'URL Interfaces to iSeries Access for Web' manual available on the web

- Can enter at many different pages
- Can use navigation bar to move from function to function

<http://<mysystemi>/webaccess/iWAMain>



<http://<mysystemi>/webaccess/iWA5250>




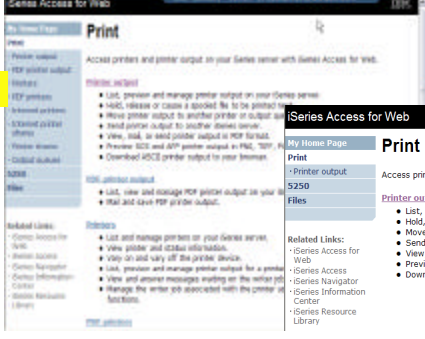
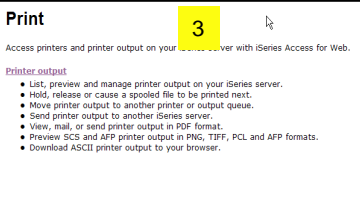
<http://<mysystemi>/webaccess/iWASpool>

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Reduce functions you give to users

- ➔ Reduce tabs that get displayed
- ➔ Reduce options under tabs

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Printer Output - Spoolfile

Print Tab

- User only has one option available, ie, 'Printer'

Default look of 'Printer Output'

Customized look of 'Printer Output' for signed on user

- Removed many of the columns of printer output
- Reordered list
- Removed several end user actions

1

2

3

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Printer Output - Spoolfile

Requested 'View PDF'

- Can select any option on pulldown for my printer output

View in Browser

- Shows overlays, etc
- Can print on any printer in network

Send .PDF document in an email

- Mail server does not have to be installed on i5/OS

1

2

3

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Run Pre-Configured 5250 Sessions

You want to limit users to only starting 5250 sessions that you have preconfigured

- You have removed user's ability to configure a session
- User selects 'Configured Sessions'
 - Only one listed, only action user can perform is to 'start' it
- User clicks on Start



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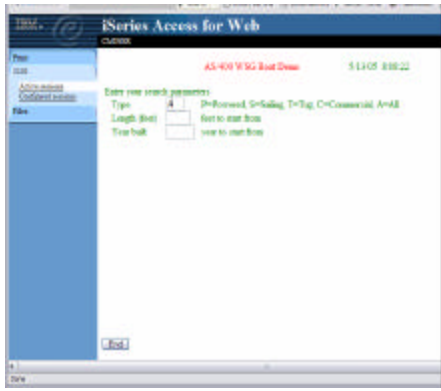
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User can run 5250 application

User is placed in this application

- The session could be configured to include a macro to put the user directly into a specific application on the iSeries
 - Or on a menu screen

Use CHGUSRPRF, LMTCPB=Yes to remove command line from user's screen



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IBM System i

Change look of 5250 session

1. Default 'web' look
2. Changed colors, added keypad at side, changed buttons at bottom to words
3. Removed navigation bar, put keypad on top
4. Selected 'traditional' view, removed navigation bar

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Work with Files in the Integrated File System

- Navigate and browse the directories located on your System i integrated file system (IFS)
 - Don't need to map drives
 - Don't need to know directory structures

- View, upload, and download files
- Copy and mail files
- Rename and delete files and directories
- Zip and unzip files and directories
- Edit authorities and change ownership of objects in the IFS

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IBM System i


Browse Files - 'Filtered View'

When I click on 'Browse Files', I see only a directory called 'cminer1' and its content

- Because the administrator set a 'Default Directory' policy for me

Actions I can perform:

- **Subdirectories:** Create new ones, Rename, Work with
- **Files:** Copy, Rename, Delete, Mail, Work with (e, Zip, Unzip, etc)




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IBM System i

Different Ways to Rollout Access for Web

- Use 'out of the box'
- Use 'out of the box', but set up predefined functions
- Create your own 'window' to your system through Access for Web
- Use the WebSphere Portal solution**



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Portal Solutions – the next wave in technology

For most organizations, the decision to invest in an enterprise portal is not a question of “if,” but “when”?

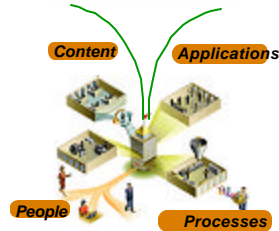
(Craig Roth, VP META Group, 6/3/03)



WebSphere Portal Offerings for System i models

Workplace Services Express included in some software editions

- WSE has wizards to simplify deployment on IBM i5/OS V5R3 and V5R4
- WSE has improved performance and reduces system requirements
- WSE enables you to deploy solutions for document management, instant messaging, and portal all on one server



Note: Depending on the System i offering, you may also be entitled to services and education vouchers.

IBM System i

Editions available with 520/550/570/595

System i model	Express Configurations	Value Edition	Standard Edition	Enterprise Edition	Solution Edition
520				WSE – 20 user licenses	
550				WSE – 40 user licenses	WSE – 40 user licenses
570				WSE – 60 user licenses	
595				WSE – 80 user licenses	

<http://www-03.ibm.com/servers/eserver/series/hardware/editions/>

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IBM System i

Portal built for IBM Employees

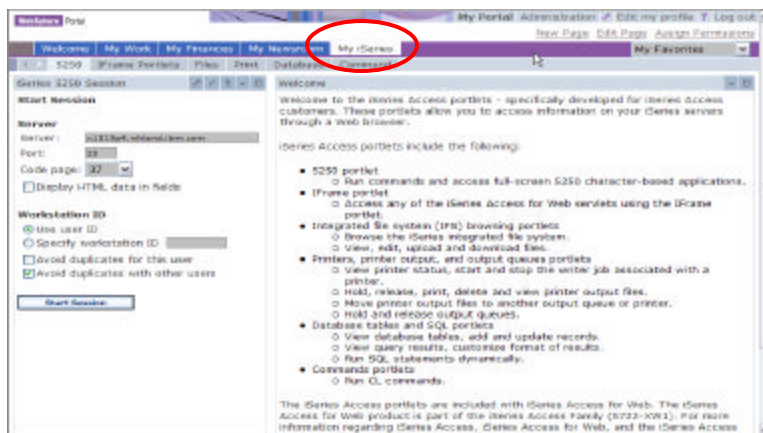
The screenshot shows the IBM w3 intranet portal. At the top, it says "w3 Carole A. Miner's On Demand Workplace". The navigation bar includes "Home", "Work", "Career and life", and "Help". The sidebar on the left has "Essential links" with items like "w3 Directory", "About w3", "About IBM", "Rec. so. demand", "Collaboration Central", "Customer Reference Materials", "Expense Reimbursement", "IBM Club", "IBM On Demand Community", "IBM Rochester SiteNews", "IBM Storefront", "IBM Storefront Software Download", "IBM ThinkFace", "IBM Travel", "IT Help Central", "IT Security", "Learning@IBM", and "On Demand Business". The main content area is titled "News" and features "Top stories" with links to "1937: The Will to Think", "I need a holiday", "IBMers making History", "Thinkface Challenge", "Rochester SiteNews", and "Together in 2005". On the right, there is a "Search" box, "BluePages", and "Other searches" including "w3 intranet", "IBM discussion forums", "IBM news articles", "Bin.com internet", and "IBM Learning (site search)".

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Portal built on i5/OS



iSeries Access for Web Portlets on System i Portal



IBM System i

Portlet Support added to iSeries Access for Web

V5R4	V5R3 PTF SI11914 (May 2004)	V5R3 (Jan 2004)
<ul style="list-style-type: none"> • Single Sign-on (SSO) <ul style="list-style-type: none"> • Via WAS Security model • 5250 Bypass signon option • Database <ul style="list-style-type: none"> • OpenOffice spreadsheet format (.ods) • iSeries SQL Requests • Viewer to look at iSeries SQL results • Files <ul style="list-style-type: none"> • Zip function to zip files in IFS • iSeries Credentials <ul style="list-style-type: none"> • Users can change i5/OS password via iSeries Access for Web, and it will additionally update currently defined credentials with the new password value. 	<ul style="list-style-type: none"> • File • Print • Database • Command • Credentials • Related Links 	<ul style="list-style-type: none"> • 5250 • iFrame • Welcome

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IBM System i

iSeries Access Portlet Views – V5R4


The image displays four screenshots of the iSeries Access for Web interface, illustrating various portlet views available in V5R4. The screenshots show different sections of the user interface, including navigation menus, search bars, and content areas with lists of items and links.

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IBM System i



Use 'out of the box'



Use 'out of the box', but set up predefined functions

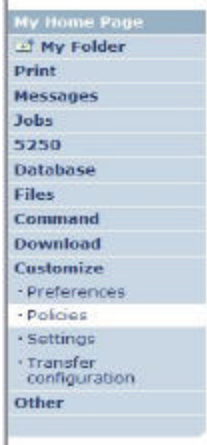
Create your own 'window' to your system through Access for Web

Use the WebSphere Portal solution

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IBM System i

Control User Access to functions



1. How do I keep my users from using all these functions?
2. How do I set up the environment for my users?
3. Should I let my users set have some individual screen settings for some functions?

You need *SECADM authority to customize profiles

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Access for Web uses i5/OS User Profiles

When a user attempts to access any function on the i5/OS, the following sequence of checks are made to authenticate user access:

- User profile
- Group profile(s)
- *PUBLIC profile

*PUBLIC profile is the set of default policy settings shipped with Access for Web

- The defaults allow most functions to be available to all users

The settings in these policies indicate what functions within iSeries Access for Web, a user can attempt to use.

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Customize → Policies

Policies are used to control access to iSeries Access for Web functions

For example:

A Files access policy can be set to Deny or restrict a user or group from accessing the file function.

Policies are saved and associated with the appropriate iSeries user or group profile.

Each 'Category' expands for granular control

Action	Category	Description	Access
Database	Custom	i520 user interface custom settings.	Allowed
Files	Custom	File batch command custom settings.	Allowed
General	Custom	Preferences and policy administration custom settings.	Allowed
Database	Database	Database tables, requests, and run SQL custom settings.	Allowed
Database	Database CONNECTION	Create and edit database connection definitions.	Allowed
Download	Download	Emulated package custom settings.	Allowed
Files	Files	Integrated file system and file share custom settings.	Allowed
General	General	Page layout, language and character set custom settings.	Allowed
Jobs	Jobs	Work with jobs custom settings.	Allowed
Mail	Mail	Send mail custom settings.	Allowed
Messages	Messages	Display messages, send messages, and message queue custom settings.	Allowed
My Folder	My Folder	My Folder custom settings.	Allowed
Print	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
Savefile	Savefile	Listfile Savefile custom settings.	Allowed
Other	Other	Change password and other miscellaneous custom settings.	Allowed

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Policies - customize for all users at once


One alternative...

Use the *PUBLIC group profile and set policies for all users

- 'Deny' functions for all users in a single step
- Then 'Allow' specific users access to functions via their User or Group profiles

Problem:

You're locked out too, until you go in and "Allow" functions to yourself



Active	Category	Description	Access
<input checked="" type="checkbox"/>	UI	UI user interface custom settings	Allowed
<input checked="" type="checkbox"/>	Customized	For batch customized custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Preferences and policy administration custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Database (DBMS, Inquiries, and SQL) custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Device and I/O device connection definitions	Allowed
<input checked="" type="checkbox"/>	Customize	connectors	
<input checked="" type="checkbox"/>	Download	Download packages custom settings	Allowed
<input checked="" type="checkbox"/>	Files	Integrated file system and file share custom settings	Allowed
<input checked="" type="checkbox"/>	General	Page layout, language and character set custom settings	Allowed
<input checked="" type="checkbox"/>	Jobs	Work with jobs custom settings	Allowed
<input checked="" type="checkbox"/>	Mail	SMTP mail custom settings	Allowed
<input checked="" type="checkbox"/>	Messages	Display messages, send messages, and message queue custom settings	Allowed
<input checked="" type="checkbox"/>	My Profile	My Profile custom settings	Allowed
<input checked="" type="checkbox"/>	Print	Printer output, printers, printer shares and output queue custom settings	Allowed
<input checked="" type="checkbox"/>	Security	Local Security custom settings	Allowed
<input checked="" type="checkbox"/>	Other	Change password and other miscellaneous custom settings	Allowed

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Policies - customize a group of users at once


Another Alternative...

Set up a group profile and add users to that group. Then set policies for that group

- 'Deny' functions for all users in the group in a single step

Problem:

If you create multiple groups, you need to keep track of what policies were set for who.



Active	Category	Description	Access
<input checked="" type="checkbox"/>	UI	UI user interface custom settings	Allowed
<input checked="" type="checkbox"/>	Customized	For batch customized custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Preferences and policy administration custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Database (DBMS, Inquiries, and SQL) custom settings	Allowed
<input checked="" type="checkbox"/>	Customize	Device and I/O device connection definitions	Allowed
<input checked="" type="checkbox"/>	Customize	connectors	
<input checked="" type="checkbox"/>	Download	Download packages custom settings	Allowed
<input checked="" type="checkbox"/>	Files	Integrated file system and file share custom settings	Allowed
<input checked="" type="checkbox"/>	General	Page layout, language and character set custom settings	Allowed
<input checked="" type="checkbox"/>	Jobs	Work with jobs custom settings	Allowed
<input checked="" type="checkbox"/>	Mail	SMTP mail custom settings	Allowed
<input checked="" type="checkbox"/>	Messages	Display messages, send messages, and message queue custom settings	Allowed
<input checked="" type="checkbox"/>	My Profile	My Profile custom settings	Allowed
<input checked="" type="checkbox"/>	Print	Printer output, printers, printer shares and output queue custom settings	Allowed
<input checked="" type="checkbox"/>	Security	Local Security custom settings	Allowed
<input checked="" type="checkbox"/>	Other	Change password and other miscellaneous custom settings	Allowed

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Set Policy to Default to Specific Directory in IFS

Set a 'Default Directory' for:

- *PUBLIC
- Groups of users
- Specific user

Policy	Default From ID	Action ID	Setting
File access	Shipped default	Use current setting	Shut
File job	Shipped default	Use current setting	Shut
Display directory contents in web window	Shipped default	Use current setting	Shut
Display local links for directory contents	Shipped default	Use current setting	Shut
Display directory contents statistics	Shipped default	Use current setting	Shut
Secure files	Profile setting	Use current setting	Shut
Copy files to server	Shipped default	Use current setting	Shut
Copy files from server	Shipped default	Use current setting	Shut
Default directory	Profile setting	Use current setting	CMINER1
Display subdirectory contents	Shipped default	Use current setting	Shut
Display parent directory contents	Shipped default	Use current setting	Shut
Display default	Shipped default	Use current setting	Shut

In this example, I went into CMINER1 profile, and set policy to show only the 'CMINER1' directory to this user...

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Preferences

Preferences are used to control how functions operate

- For example, a user can select which columns to display when viewing a the My Folder list
- By default, all users can configure their own preferences
- Preferences are saved and associated with the user's i5/OS user profile

Preference	Default From ID	Action ID	Setting
My Folder tab	Shipped default	Use current setting	Shut
Mark folder items opened/unopened	Shipped default	Use current setting	Yes
My Folder	Shipped default	Use current setting	Color and Size/Date
refresh	Shipped default	Use current setting	Yes
Sort by	Shipped default	Use current setting	Yes
Sort on folder date	Shipped default	Use current setting	Yes
Folder open threshold	Shipped default	Use current setting	300 %
Sort on folder size	Shipped default	Use current setting	Yes
Folder size threshold	Shipped default	Use current setting	300 %
Folder size	Shipped default	Use current setting	Shipped default
Folder size	Shipped default	Use current setting	Shipped default
My Folder	Shipped default	Use current setting	Columns...
My Folder sort	Shipped default	Use current setting	Color/Size

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IBM System i

•My Folder
•Print
•Messages
•Jobs
•5250
•Database
•Files
•Commands
•Customize
•Downloads
•Mail

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How to Start a 5250 Session and save it

Two options:

1. Select to 'Start Session'
 - Fill in information on Start Session and connect
 - Select 'Active Session Settings' link at bottom of screen
 - Modify as you wish, then click on 'Save'
2. Select to 'Configured Sessions'
 - Select 'Configure New Session' link on lower screen
 - Set up as you wish, then click on 'Save'

Session	Server	Action	Shortcut	Created By	Access
Inventory	BOJLAVE.BM.COM		No	cmhr	cmhr
Print	BOJLAVE.BM.COM		No	cmhr	cmhr
5250	Shortcut to data		Yes	pedral	*PUBLIC

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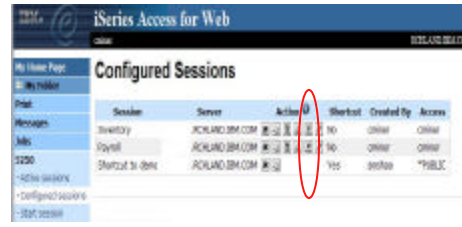
Create 'Shortcuts' to Configured Sessions

Your Configured Session


- Create 'Shortcuts' for other users

Can set Policies

- 3
 - To restrict what users can do with your shortcut.
 - Do not allow users to:
 - Copy your shortcut
 - Delete your shortcut
 - Rename your shortcut
 - Edit your shortcut
 - Create another Shortcut



Session	Server	Action	Shortcut	Created By	Access
Inventory	RCHLAND.IBM.COM	[Icons]	NO	cmner	cmner
System	RCHLAND.IBM.COM	[Icons]	NO	cmner	cmner
Shortcut to IBM	RCHLAND.IBM.COM	[Icons]	Yes	cmner	*PUBLIC



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Set Policies on Shortcuts by User/Group

User CMNER1

- Does not have a 'Start Session' link
- Has only has 'Configured Sessions' link with Shortcuts
- Only Action is to 'Run'



Session	Server	Action	Shortcut	Created By	Access
Shortcut to Inventory System	RCHLAND.IBM.COM	Run	Yes	cmner	cmner1
Shortcut to Inventory System	RCHLAND.IBM.COM	Run	Yes	cmner	GROUPA

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Creating a Macro to use with 5250




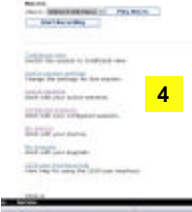
- Record the Macro**
 - Start Session and get to OS/400 sign-on screen
 - Go to bottom of screen and start macro record
 - Continue recording macro until you have reached spot you want users to come into (ie, OS/400 Main Menu, your own menu, a particular application...)
 - Go down to bottom of screen and stop macro recording
 - When you get to the save macro screen, select a **macro name**
- Edit the Macro to bypass sign-on screen**
 - Go to 'Start Session' and go to bottom of page and select 'My Macros' to work with macro you just created
 - Remove your password that was recorded and put in **[password]**, then remove your workstation id and put in **[user]** in the macro.
 - This is documented in 5250 User Interface Help at bottom of 'Configure New Session' page

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Record and Save Your Macro

Press **Stop Recording** when you've reached point you want users to come in at

Start at i5/OS sign-on screen and click on **Start Recording** to create your macro


Then give the Macro a name

Go to bottom of 5250 screen and select to **Edit** the macro you just created


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Edit Your Macro and Create A Shortcut for it

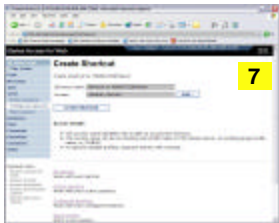


5 Select Action to **Edit** your macro



6

- Replace your password with [password] and your user id with [user]
- Then when this runs, the signed on user id and password will be plugged in




7

- Go back to My Macro page and section Action to **Create Shortcut** to your Macros
- Add whomever can use this Macro

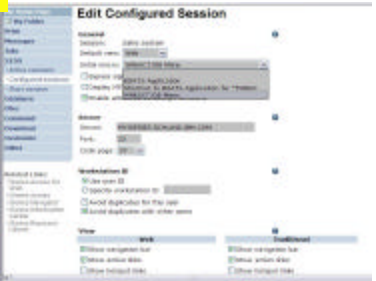
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Add Macro Name to a 5250 Session



8



8

- Create a new session via the Start Session link
- Under the Macro parameter, the pulldown will have your Macro listed

OR

- Select one of your Configured Sessions and add the Macro shortcut

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IBM System i

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail

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IBM System i

iSeries Access for Web – Database Functions

Access database tables on your iSeries server with iSeries Access for Web.

Tables

- View a list of database tables on your iSeries server.
- Perform actions on these tables without having knowledge of SQL and its syntax.
- View the contents of a table in a paged list, using the Quick view action.
- Add and update records in a table using the Insert and Update actions.
- Create your own customized SQL request for a table using the Run SQL action.
- Create your own customized copy data request for a table using the Copy data to table action.

My requests

- View a list of previously saved requests.
- Run or Edit requests from this list.
- Manage lists using the Copy, Delete, and Rename actions
- Create and manage shortcuts to requests

Run SQL

- Run SQL statements dynamically.
- View output as a paged list or in a popular file format, like Microsoft Excel or Lotus 1-2-3. (Output format depends on how you have your browser configured and whether the browser can locate a plug-in for the output type you choose.)
- Customize how data is returned by setting options specific to the output type.
- Build SELECT statements using an SQL-Wizard.
- Save requests for repeated use.

Copy data to table

- Copy existing data files from your PC to a database table on your iSeries server.
- These data files can be in many popular file formats, including Microsoft Excel and Lotus 1-2-3.
- Replace the contents of a table or add data to an existing table.
- Create a new database table based on the contents of a workstation file.
- Save requests for repeated use.

Import request

- Import Client Access Data Transfer upload and download requests into iSeries Access for Web copy data and SQL requests.
- Imported requests are automatically converted to iSeries Access for Web format.
- Run and edit converted requests on your iSeries server just like other copy data and SQL requests.

Import query

- Import queries generated by Query for iSeries and DB2 UDB for iSeries Query Manager.
- Imported queries can be saved into iSeries Access for Web database requests.
- Run and edit converted queries on your iSeries server just like iSeries Access for Web SQL requests.

Extract server data

- Extract server object information into a database table.

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Upload PC Data to DB2 for i5/OS

Upload data from a variety of file types

- Excel, XML, Lotus, etc
- OpenOffice new V5R4

Put into System i database

- 'Replace' contents of table
- 'Append' to existing data

If no table exists on the i5/OS, you will get a wizard to help you create a new table

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Create Database Table

Wizard to help you create a table on System i from your PC spreadsheet

Column	Description	Type	Length	Scale	Sample Data
EMPNO		CHAR	6	0	200340
EMPNAME		CHAR	25	0	BOY
MEDDET		CHAR	1	0	R
LASTNAME		CHAR	10	0	ALDRICH
WORKDEPT		CHAR	3	0	E01
PROBENO		CHAR	4	0	568
IREGDATE		CHAR	8	0	15-47
JOB		CHAR	8	0	FREELRZF
EXLEVEL		FLINT	0	0	36.9
SEX		CHAR	1	0	M
DEPREDATE		CHAR	8	0	11/81
SALARY		FLINT	0	0	21840.0
BONUS		FLINT	0	0	500.8
COMD		FLINT	0	0	3907.0

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Database Tables

Can:

- Insert
- Update
- Quick View
- Find (new V5R4!)
- Run SQL
- Copy Data to Table

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Download Database Information from System i

Run SQL allows you to run SQL statements

- Could copy/paste complex SQL statements in here...

Variety of output types

- PDF, Excel, 1-2-3, XML, etc

Destination

- Browser
- Mail as attachment
- Personal Folders
- IFS (new V5R4)

Can save request

- My Requests, Give Shortcut to others

SQL Wizard if you don't know SQL

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Create Database Requests with SQL Wizard

SQL Wizard enables you to:

- Select **tables**
- Select which **columns** to return
- Add **conditions** to your select statement
- Select the **columns** by which you want the data **sorted**

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Database - Run Requests

Administrator could:

- Give users or groups of users some database requests that were created for them.
- Users can run only these specific requests
- No other database options offered

Request	Description	Action	Skipped	Created	Access
Skopout to Boats For Sale	View all available boats	Yes	Yes	CHMER	groups
Skopout to Find Boat To Buy	Select type and price limits	Yes	Yes	CHMER	*PUBLIC
Skopout to My Customer's Mailing	Mail Customer List	Yes	Yes	CHMER	groups
Skopout to My Customer's Mailing	Mail Customer List	Yes	Yes	CHMER	CHMER
Skopout to Put My Customer List in Folder	Share Customer List	Yes	Yes	CHMER	groups
Skopout to Request on		Yes	Yes	WCCYSD	*PUBLIC
Skopout to Request Upload		Yes	Yes	WCCYSD	*PUBLIC




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Dynamic Queries – V5R3

SQL Wizard enables you to generate an SQL statement with markers for conditional values

1. End user selects query to run
2. End user selects Boat Type and Price Range
3. Boats are displayed that fit that range

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Printing



- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail


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IBM System i

Work with Printer Output, Printers, Queues

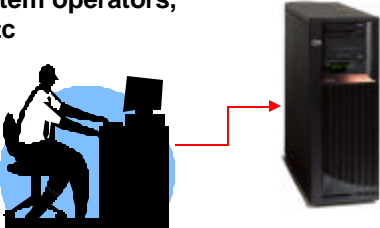
Typical end user printer tasks

- Printer Output
- PDF Printer Output



Tasks more oriented toward system operators, administrators, programmers, etc

- Printers
- PDF Printers
- Internet Printers
- Internet Printer Shares
- Printer Shares
- Output Queues



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Work with Printer Output

<http://<mysystemi>:<port>/webaccess/iWASpool>

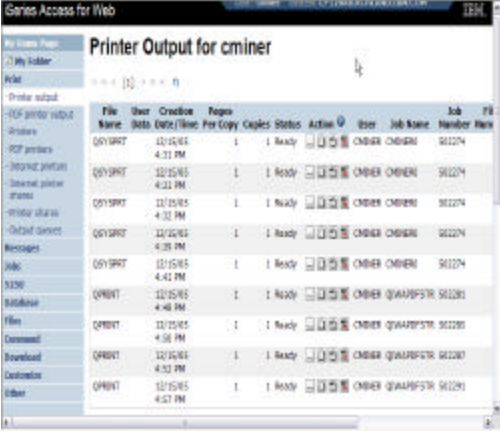
My 'printer output'

Actions include:

- Work with
- View
- View As
- View PDF

Easy-to-use GUI for working with my printer output

- Don't need to sign onto a 5250 session, and run commands to get to spool file



File	View	Create	Pages	Name	Date	Qryz Time	Per Copy	Copies	Status	Action	User	Job Name	Job Number	PK
Printer output														
Printers														
PDF printers														
Internet printer shares														
Printer shares														
Output queues														
Messages														
Jobs														
Sizes														
Attributes														
Files														
Comments														
Downloads														
Customize														
Other														

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PDF Printer Output

<http://<mysystemi>:<port>/webaccess/iWAPDFPrinterOutput>

Printer output **automatically** converted to PDF and placed in PDF Printer Output Queue

Actions include:

- View
- Copy to File
- Copy to Folder; Delete
- Mail

Actual host application could additionally send spoolfile printer output to another output queue (in SCS or AFP mode)

Screen Access for Web

PDF Printer Output


PDF printer output	File Name	File Number	State	Creation Date/Time	Job Name	Job Number	Action
PDF printer	QPSRPT	5	JOBS	4/7/05	QMF7308	304814	[Icons]
Printer output	QPSRPT	1	CLASS	4/22/05	QWABH0004	112547	[Icons]
Printer output	QPSRPT	2	CLASS	4/22/05	QWABH0008	112547	[Icons]
Printer output	QPSRPT	3	CLASS	5/2/05	QWABH0003	112980	[Icons]
Printer output	QPSRPT	4	CLASS	5/2/05	QWABH0003	112980	[Icons]
Printer output	QPSRPT	5	CLASS	5/2/05	QWABH0003	112980	[Icons]
Printer output	QPSRPT	6	CLASS	5/2/05	QWABH0003	112980	[Icons]
Database	COBOL_PAGB	11	CLASS	11/1/05	QMF7308	307259	[Icons]
Files	SQL_3612	12	CLASS	11/1/05	QMF7308	307259	[Icons]
Downloads	SQL_3612	13	CLASS	11/1/05	QMF7308	307259	[Icons]
Downloads	SQL_3611	14	CLASS	11/1/05	QMF7308	307259	[Icons]
Downloads	SQL_3611	15	CLASS	11/1/05	QMF7308	307259	[Icons]
Downloads	SQL_3611	16	CLASS	11/1/05	QMF7308	307259	[Icons]
Other	SQL_3612	17	CLASS	11/1/05	QMF7308	307259	[Icons]
Other	SQL_3612	18	CLASS	11/1/05	QMF7308	307259	[Icons]

Note: IBM Infoprint Server (5722-IP1) needed to use this tab

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My Folder



- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail

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My Folder

Folder resides in the IFS on System i

- Folder does not show up in IFS directory listing
- Administrator can control size of Folders (new in V5R3)

Folder can only be accessed by owner

- Good for long-running requests (ie, actions performed asynchronously so the browser is not tied up)
- An easy way to avoid large attachments (ie, a large query result)

Can place information in other users' Folders

- Performing requests for someone else
- Mechanism for workflow.

Combine email and My Folder functions to:

- Perform requests for someone else
- Distribute results to a group of users
- Send email to others when you place information in their Folder
- Be notified when new items are placed in your Folder

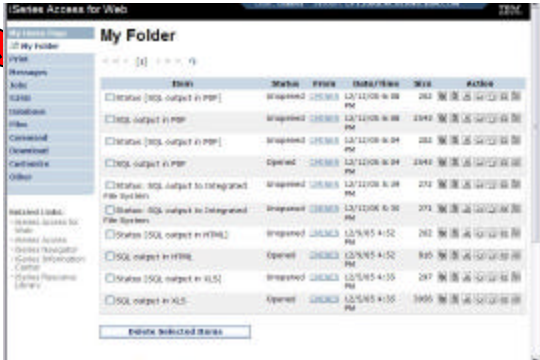
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Simply click on 'My Folder' to see items

Can store items, email them, delete them, etc

Do not need to understand any Directory structure to put information in My Folder or another's Folder



Item	Status	Error	Date/Time	Size	Action
<input type="checkbox"/> Status (SQL output in PDF)	Completed	12/11/06 6:28 PM	262	View	Print
<input type="checkbox"/> SQL output in PDF	Completed	12/11/06 6:28 PM	2449	View	Print
<input type="checkbox"/> Status (SQL output in PDF)	Completed	12/11/06 6:24 PM	262	View	Print
<input type="checkbox"/> SQL output in PDF	Completed	12/11/06 6:24 PM	2449	View	Print
<input type="checkbox"/> Status: SQL output to Integrated File System	Completed	12/11/06 6:28 PM	272	View	Print
<input type="checkbox"/> Status: SQL output to Integrated File System	Completed	12/11/06 6:28 PM	272	View	Print
<input type="checkbox"/> Status: SQL output in HTML	Completed	12/11/06 4:52 PM	262	View	Print
<input type="checkbox"/> SQL output in HTML	Completed	12/11/06 4:52 PM	305	View	Print
<input type="checkbox"/> Status (SQL output in XLS)	Completed	12/11/06 4:55 PM	297	View	Print
<input type="checkbox"/> SQL output in XLS	Completed	12/11/06 4:55 PM	3466	View	Print

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Commands

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands**
- Customize
- Downloads
- Mail

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Run i5/OS CL Commands

1 Search for Command

Command	Library	Description
WRKUSRPF	QSYS	Work with User Profiles
WRKUSRJOB	QSYS	Work with User Jobs
WRKUSRJOB2	QSYS	Display Work Station User
WRKUSRJOB3	QSYS	Restore User Profiles
WRKUSRJOB4	QSYS	Work with Net5 User Enrollment
WRKUSRJOB5	QSYS	Display Network Service Users
WRKUSRJOB6	QSYS	Work with User Tables
WRKUSRJOB7	QSYS	Work with Network PMS
WRKUSRJOB8	QSYS	Work with Network Job Entries
WRKUSRJOB9	QSYS	Work with Network Interfaces
WRKUSRJOB10	QSYS	Work with Network Services
WRKUSRJOB11	QSYS	Work with Network Table Entry

2 Then Run Command

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My Commands

User can run a command, then Save it

- Commands can be saved by running the **Save** action for a command that was run in the current browser session.

Then next time they could simply select **My Commands** and run the previously saved commands

My commands					
Messages					
Name	Command	Output	Action	Last Accessed	
5250	Access User profiles	QSYS/TEST0500P	My folder		11/21/05 2:42 PM
	Work with Active Jobs	rehaqzps	Browser		11/21/05 2:42 PM
	Work with Query Manager	QSYS/WORKQUERY QMSQY ('JOB','ALL')	Browser		11/21/05 2:44 PM



IBM System i

Jobs / Server Jobs for end user

Series Access for Web

Jobs for cminer

Job	Status	Type	Entered System	Action
CHB800	Suspended	Interactive	10/23/05 11:30:41 AM	[Icons]
CHB801	Suspended	Interactive	10/23/05 12:51:08 PM	[Icons]
CHB802	Suspended	Interactive	10/23/05 12:52:14 PM	[Icons]
CHB803	Suspended	Interactive	10/23/05 12:55:03 PM	[Icons]
CHB804	Suspended	Interactive	10/23/05 1:00:03 PM	[Icons]

- Actions Include
- Hold Job
- Delete/End Job
- View Job Log
- Printer Output
- View Job Log Properties

- Actions Include
- Hold Job
- Delete/End Job
- View Job Log
- View Job Properties

Series Access for Web

Server Jobs for cminer

Job	Defaulted Status	Server	Action	Run Priority	Default Count
CHB800	Waiting for time interval	Shared from Server	[Icons]	24	1
CHB801	Waiting for time interval	Server	[Icons]	24	1
CHB802	Waiting for time interval	Server	[Icons]	24	1
CHB803	Waiting for time interval	Server	[Icons]	24	1
CHB804	Waiting for time interval	Control Server	[Icons]	24	1
CHB805	Waiting for time interval	Control Server	[Icons]	24	1

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Messages

Series Access for Web

Messages

Access messages on your Series server with Series Access for Web.

Display messages

- Display, answer and manage messages in the message queue for the logged on user.

Send message

- Send a message to users and message queues.

Send break message

- Send a Sametime announcement to Series Access for Web Sametime users.
- Send a break message to Series work stations.

Operator messages

- Display, answer and manage messages in the system operator message queue.

Message queues

- List message queues on the Series server.
- Select, display and manage messages in message queues.

- Display Messages
- Send Message
- Send Break Message
- Operator Messages
- Message Queues

Message Queues

Queue Name	Description	Action
CHB800	Message queue for CHB800	[Icons]
CHB801	Message queue for CHB801	[Icons]
CHB802	Message queue for CHB802	[Icons]
CHB803	Message queue for CHB803	[Icons]
CHB804	Message queue for CHB804	[Icons]
CHB805	Message queue for CHB805	[Icons]

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Send Message / Send Break Message

Send Messages

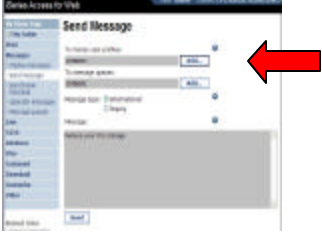
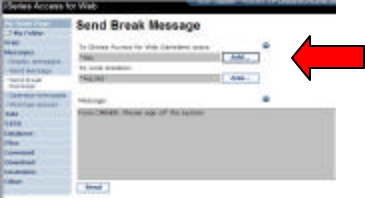
- Goes to user's 'Display Messages' queue

Send Break Message

- Generates an instant message to Sametime users
- Sends a Break Message to workstation users (not iSeries Access for Web 5250 users → goes into QSYS/CMINER message queue)

Add Button


- Retrieves list of workstation and Sametime users on the system

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Downloads (New in V5R3)



- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail


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Downloads – for file/program distribution

<http://<mysystemi>:<port>/webaccess/iWAPackages>

- Mechanism to distribute files / programs to users
- Administrator can create downloads
- Management functions included for updating downloads and for controlling access to them



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Example of how you might use this function

Scenario

- I have some users who need the ODBC driver from iSeries Access for Windows.
- What would be an easy way to make this available?

Solution

- Use iSeries Access for Windows to build an install image that contains only the ODBC drive
- Use iSeries Access for Web to enable users to install it on their PCs

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Create Tailored Install Image of ODBC driver

Use iSeries Access for Windows Tailored Install wizard to capture only the Windows ODBC driver

- Run CWBINIMG.BAT
 - This program is in
`\\<mysystem>\qibm\ProdData\CA400\Express\Install\image`
- Then zip up the directory that gets created

Component	Size	License Required
Required Programs	166 KB	
Optional Components	0 KB	
Data Navigator	0 KB	
Data Access	314 KB	
Data Transfer	0 KB	<input checked="" type="checkbox"/>
OLE DB	314 KB	
OLE DB Provider	0 KB	<input checked="" type="checkbox"/>
NET Data Provider	0 KB	
Lotus 123 File Format Support	0 KB	

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Use the 'Create Download' feature

Use Create Download to make a file available for distribution

The file is copied to the server on which iSeries Access for Web is running

After the download is created, it is added to the Downloads list.

Create Download

Name: ODBC Driver V5R6
 Description: ODBC Driver
 File: Y:\ODBC\VSPO.ap [Browse]

Create Download Details

- Use Create Download to make a file available for distribution. The file is copied to the server on which iSeries Access for Web is running. After the download is created, it is added to the Downloads list.
- When a download is created, it can only be accessed by the user who created it and by users with *SECADM authority. Use the Work with access from the Downloads list and select the Manage Access link to make the download available to other users.

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ODBC now added to Download List

When a download is created, it can only be accessed by the user who created it and by users with ***SECADM** authority

Use the **Work with action** from the Downloads list and select the **Manage Access** link to make the download available to other users

Name	Description	File	Size	Action
Download		file.txt	20	
Series Access for Linux (PARC)	Series Access for Linux contains a full ISO emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/ibm.com/series/access/lin/	SeriesAccess-1.0.0-1.0.jar	4,291,940	
ODBC Driver V5R4	ODBC Driver V5R4	ODBC V5R4.zip	15,133,129	Manage Access
Windows JSP Server Plug-in	The JSP Server plug-in lets you view JSP documents from a Web browser.	grpJSP.exe	3,987,872	

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Work With Download options

Edit Name and Description
Update File

- The new file will replace the current file that is available for downloading.
- The current file will no longer be available to download.

Delete

Manage Access

- This action enables you to either give or deny access to users.

Property	Value
Name:	ODBC Driver V5R4
Description:	ODBC Driver V5R4
File:	ODBC V5R4.zip
Size:	15,133,129
Last updated:	12/22/05 3:59:43 PM

Action

- Edit name and description
- Update file
- Delete
- Manage access

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Manage Access to New Download File

Set up who can access new download file

- Deny Access **defaults** to only the creator of the download can access and manage this download
- Now select the users you wish to access it
 - Can be All Users (*PUBLIC), groups of users, specific users
- Set who else can manage this download

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Download and Install ODBC on Desktop

If you had originally zipped up the Tailored Install directory using some product like **Install Shield's Package For the Web**, then it would initiate the install for the end user.

Here it is just a **ZIP** file, so user would have to unzip and go into directory and start the install by pressing on **SETUP.EXE**

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Summary



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@server
iSeries Access
for Web

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V5R4 iSeries Access for Web Enhancements

Both Servlets and Portlets	Servlets	Portlets
Authentication <ul style="list-style-type: none"> Support Single sign-on (SSO) using WAS security model (EIM, LDAP) 5250 Bypass i5/OS sign-on screen Database <ul style="list-style-type: none"> Support for OpenOffice Spreadsheet format (.ods) 5250 <ul style="list-style-type: none"> Support DDS HTML keywords Display HTTP/HTTPS URL strings as links 	Database <ul style="list-style-type: none"> Import/run DB2 Query Manager and IBM Query for iSeries queries A new output destination of IFS for SQL requests New option of 'Find' on Tables link Administration <ul style="list-style-type: none"> Can transfer configuration items between i5/OS user profiles Can use WebSphere data source names for database connections Files <ul style="list-style-type: none"> Browse File Share link added 	Database <ul style="list-style-type: none"> iSeries SQL Requests added iSeries SQL Results Viewer added Files <ul style="list-style-type: none"> Zip function added iSeries Credentials <ul style="list-style-type: none"> Can change i5/OS password via Access for Web

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Who will benefit from Access for Web

Any System i customer with any hardware model - can quickly get started working in a Web environment

- If your system is not capable of running WAS, you can easily install the ASF Tomcat web application server.
- ASF Tomcat runs on hardware with 70 CPW and 256 MB memory

Any System i customer with little Web experience - can easily get started working in a Web environment

- iSeries Access for Web is simple to install and configure
- There is no programming skills required to set it up

Any System i customer with no training or setup on users' desktops - can extend the reach of System i resources to your end users

- Use customize facility to set up view ('window') to System i and to control access to various i5/OS resources
- All built around i5/OS user profiles
- Uses standard HTML, uses existing HTTP/HTTPS ports

A great way to get your System i into the web world

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AS/400e	IBM	OS/400
eServer	IBM (logo)	System i5
	iSeries	

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