



IBM System i™

Session: **MITEC: 8:15-9:25 AM**

Get to the Web Fast with System i Access for Web

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

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available in your country. IBM makes no commitment to make
available any products referred to herein.

Abstract

If you are looking for an extremely simple and highly functional way to work with System i resources, then System i 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 iSeries 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 iSeries for different groups of users.**
- Learn about the new features in the V5R4 version of System i Access for Web.**

Requirements?

Would you like to see some other features in System i Access for Web?

Please submit requests for enhancements via the FITS system.

The url is:

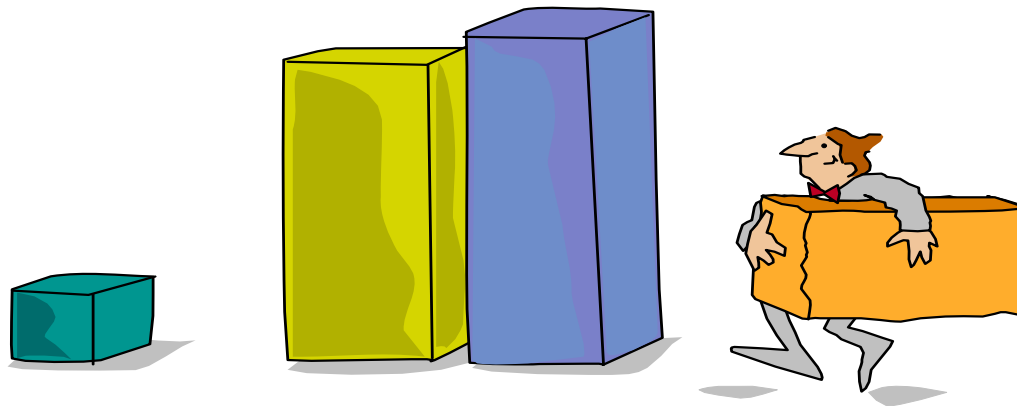
<http://www.ibm.com/eserver/iserries/access/>

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



*This really helps
development get new
functions into the
planning process*

Packaging and Ordering



iSeries Access Family Packaging

V5R4 5722-XW 1 iSeries Access Family	V5R3 5722-XW 1 iSeries Access Family
<ul style="list-style-type: none"> ● iSeries Access for Windows, 5722-XE1, V5R4 	<ul style="list-style-type: none"> ● iSeries Access for Windows, 5722-XE1, V5R3
<ul style="list-style-type: none"> ● iSeries Access for Web, 5722-XH2, V5R4 	<ul style="list-style-type: none"> ● iSeries Access for Web, 5722-XH2, V5R3
<ul style="list-style-type: none"> ● iSeries Access for Linux, 5722-XL1 	<ul style="list-style-type: none"> ● iSeries Access for Linux, 5722-XL1, V1.10
<ul style="list-style-type: none"> ● iSeries Access for Wireless, 5722-XP1, V5R4 	<ul style="list-style-type: none"> ● iSeries Access for Wireless, 5722-XP1, V5R3
	<ul style="list-style-type: none"> ● HATS Limited Edition V5.0, 5724-F97-01
	<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-XW 1</p>

V5R2 End of Support (EOS) was 4/30/2007

iSeries Access and System i Express

- Each i5/OS user on System i is entitled to use any client in the iSeries Access Family at no additional charge
- With iSeries Access, users can:
 - Access traditional i5/OS applications using the 5250 emulation function
 - Query and retrieve DB2 information through easy-to-use GUIs
 - Upload spreadsheet information into DB2
 - Use i5/OS as a file server
 - Access i5/OS printer output, convert it to .PDF, and print it on PC printers
- iSeries Access Family (5722-XW1) unlimited user feature included with 515 and 525 systems



See Announcement Letter No's 107-181 and 107-182 dated 4/10/07 for more details

Table of Contents

- **What is Access for Web?**
- **Getting Started**
- **Ways to roll out to end users**
- **Control Access to functions**



What is System i Access for Web?

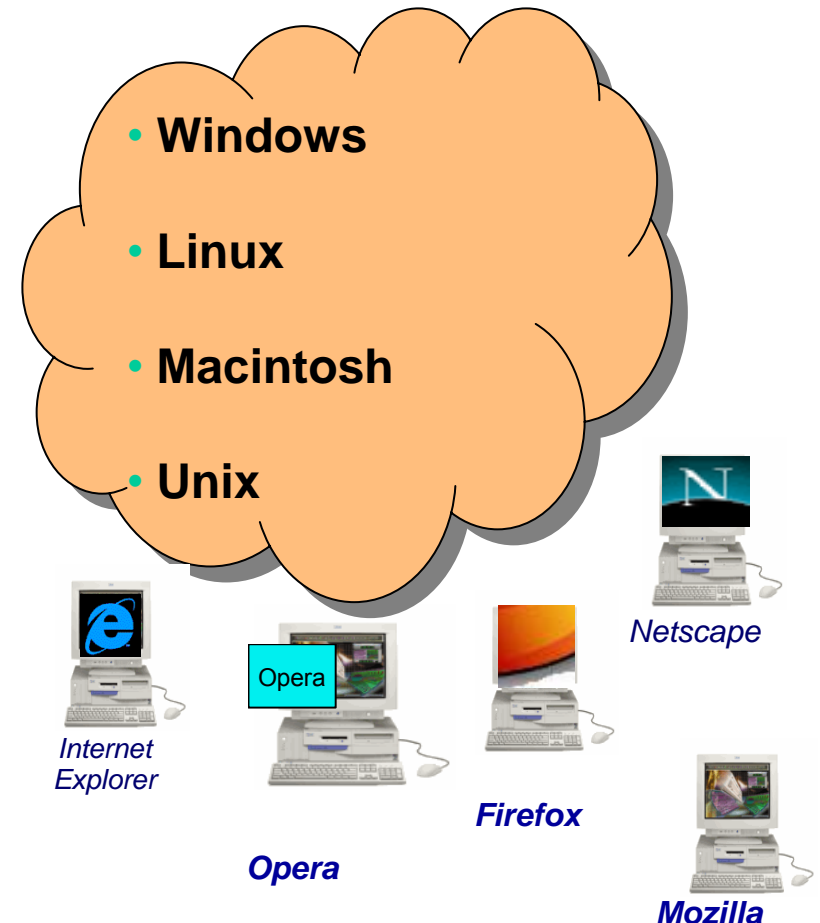
End users can leverage business information, applications, and resources across an enterprise by extending the iSeries resources to the client desktop through a web browser

Provides access to System i through a browser

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

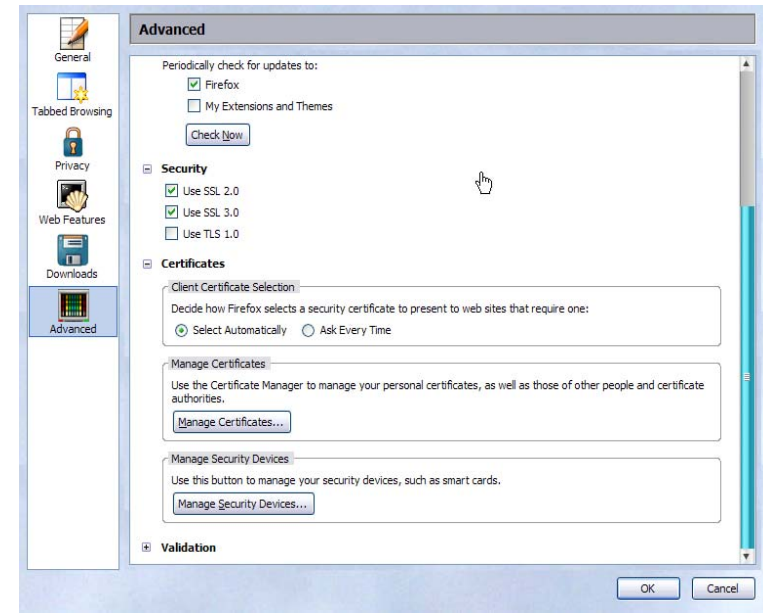
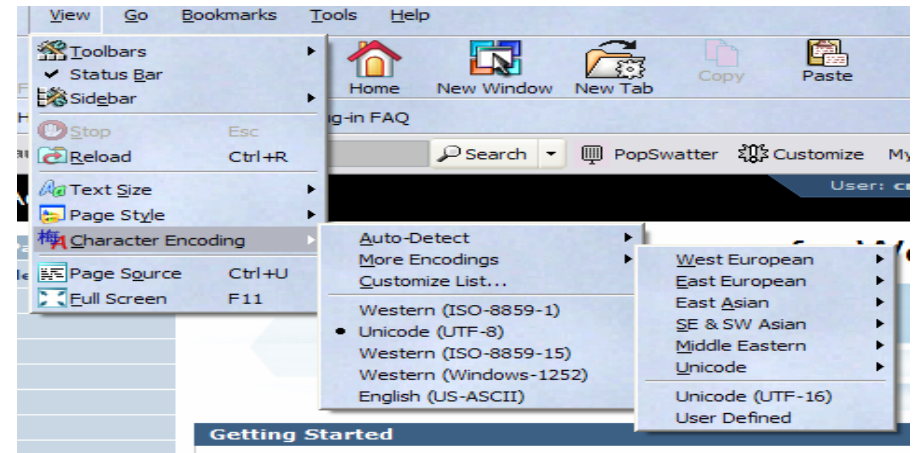
It has the following advantages:

- **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**



Fully Integrated with your Browser

- Use any code page available in your browser
 - System i 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



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

Print

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

5250

- Active Sessions
- Start 5250 Session
- Configured Sessions
- **Bypass Sign-on**

Files

- Browse Files
- **Browse File Shares**
- File Shares

Messages

- Display Messages
- Send Messages
- Sametime
- Operator Messages
- Message Queue

Database

- Tables
- My Request
- Run SQL
 - **Open Office Formats**
- Copy Data to Table
- Import Requests
 - iSeries Access for Windows
 - **Query Manager**
 - **Query/400**
- Extract Server Data

Download

My Personal Folder

Jobs

- User Jobs
- Server Jobs

Customize

- Preferences
- Policies
- Settings
- **Transfer configuration**

Commands

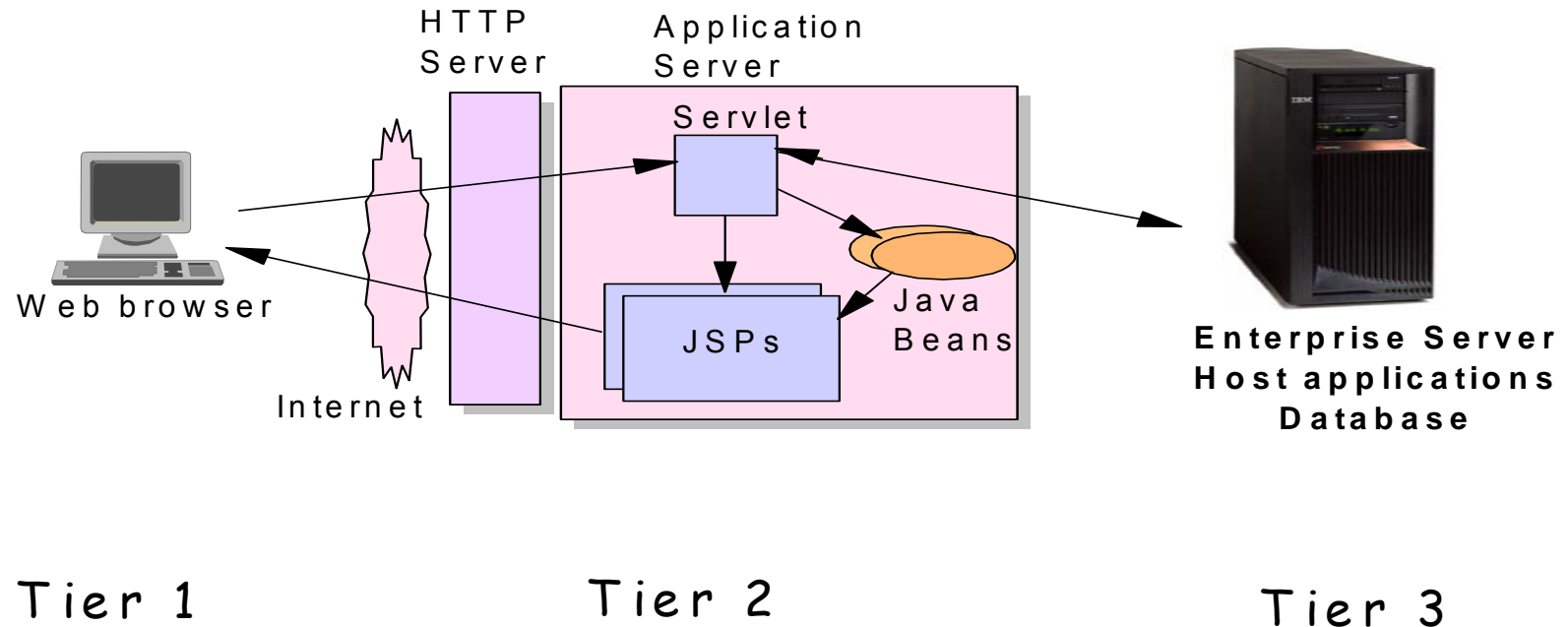
- Run commands
- My commands
- Search

Other

- Bookmarks, Change Password, Connection Pool, Status, Trace, About

Getting Started

Before you start with Access for Web you must get your web application server running



Supported Web Application Servers

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

- **Integrated web application server – announced October 10, 2006**
- **WebSphere® Application Server V6.1 and V6.0 – Express for i5/OS**
- **WebSphere Application Server V6.1 and 6.0 Base and Network Deployment**
- **WebSphere Application Server V5.1 - Express for iSeries**
- **WebSphere Application Server V5.0 - Express**
- **WebSphere Application Server V5.1 and 5.0 Base and Network Deployment Editions**
- **ASF Tomcat**

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

- **IBM Workplace Services Express V2.6 (V5R4 iSeries Access for Web)**
- **IBM Workplace Services Express V2.5**
- **WebSphere Portal for Multiplatforms V6.0**
- **WebSphere Portal for Multiplatforms V5.1.0.1**
- **WebSphere Portal Express for Multiplatforms V5.0.2**
- **WebSphere Portal Express Plus for Multiplatforms V5.0**

October 10 Announcement: “System i Web Enablement Made Easy”

Two pieces relate to iSeries Access for Web:

- **System i Access for Web supports the use of a Web application server integrated with i5/OS.**
 - **Configure System i Access for Web without having to install or configure a Web Application server**
 - **Install**
 - **V5R4 SF99114 for i5/OS and supporting software**
 - **V5R3 SF99099 for i5/OS and supporting software**
 - **V5R4 System i Access for Web PTF SI25551 (or later)**
 - **Configure System i Access for Web**
 - **QSH**
 - **cd /QIBM/ProdData/Access/Web2/install**
 - **cfgaccweb2 –appsvrtype *INTAPPSVR**

Refer to: <http://www.ibm.com/eserver/iseries/access/web/servicepacks.html>

October 10 Announcement: “System i Web Enablement Made Easy” (continued)



Two pieces relate to System i Access for Web:

- Web Enablement for i5/OS: Express Runtime Environment
 - Auto configure of Web servers, components, applications using WAS – Express V6.0
 - System i Access for Web is part of the environment

- Ordering Information
 - 5722-WE2 Express Runtime Web Environments ships with all V5R4 i5/OS orders
 - DVD
 - Can also be ordered separately. No-charge feature of 5722-WE2 Web Enablement for i5/OS
 - Order feature 5905 for CDs
 - Order feature 5906 for a DVD

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

Servers > Midrange servers > Software >

WebSphere Application Server for iSeries

WebSphere Home

What's New

About WebSphere

Ordering

Documentation

FAQs

Business Solutions

Samples

PTFs

Performance

Coexistence

Migration

Forum

Newsletter

Related Resources

Features

WebSphere Application Server Version 6.0 for OS/400 is now available. To find out more about the new version or any other of the supported versions - please click on the links below:

Version 6.0

- [IBM WebSphere Application Server V6.0 for OS/400](#)
- [IBM WebSphere Application Server for Developers V6.0 for OS/400](#)
- [IBM WebSphere Application Server Network Deployment V6.0 for OS/400](#)
- [IBM WebSphere Application Server - Express V6.0 for OS/400](#)

Version 5.1

- [IBM WebSphere Application Server V5.1 for iSeries](#)
- [IBM WebSphere Application Server for Developers V5.1 for iSeries](#)
- [WebSphere Application Server Network Deployment V5.1 for iSeries](#)
- [IBM WebSphere Application Server - Express for iSeries V5.1](#)

Version 5.0

- [IBM WebSphere Application Server V5.0 for iSeries](#)
- [IBM WebSphere Application Server Network Deployment V5.0 for iSeries](#)
- [IBM WebSphere Application Server - Express for iSeries V5.0](#)

Version 4.0


- [Advanced Edition](#)
- [Advanced Single Server Edition](#)

What's new

Please see the [What's new](#) page for more information on these new items.

- The WebSphere Application Server and WebSphere Application

Need directions?



- [iSeries Developer roadmap](#)
- [An Independent Analysis of the iSeries Developer Roadmap \(449KB\)](#)
- [The Business Benefits of iSeries Application Modernization \(183KB\)](#)
- [Get Adobe® Reader®](#)

Emerging Technology

- [Dynamic web site development for the non-technical business user.](#)

Pilot Pricing Program

- [IBM Software Pilot Pricing Program for IBM eServer i5 520 Systems](#)
- [Presentation overview](#)

Is your AS/400, iSeries, or System i 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

**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

**WAS Express with
few concurrent
users**

**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

**Complex web
applications with
many concurrent
users**

Performance Considerations...

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

IBM eServer Workload Estimator Version: 2005.4.fx.1
14-Dec-05
www-912

Workload Selection | **Workload Definition** | **Selected System** | **Help/Tutorials**

- Download PDF
- Printable Version
- Choose Base System
- Modify System
- External Storage
- Call Me Now
- Edit Estimation Info
- Options
- Change Growth Factors
- Save all Workloads

Selected System

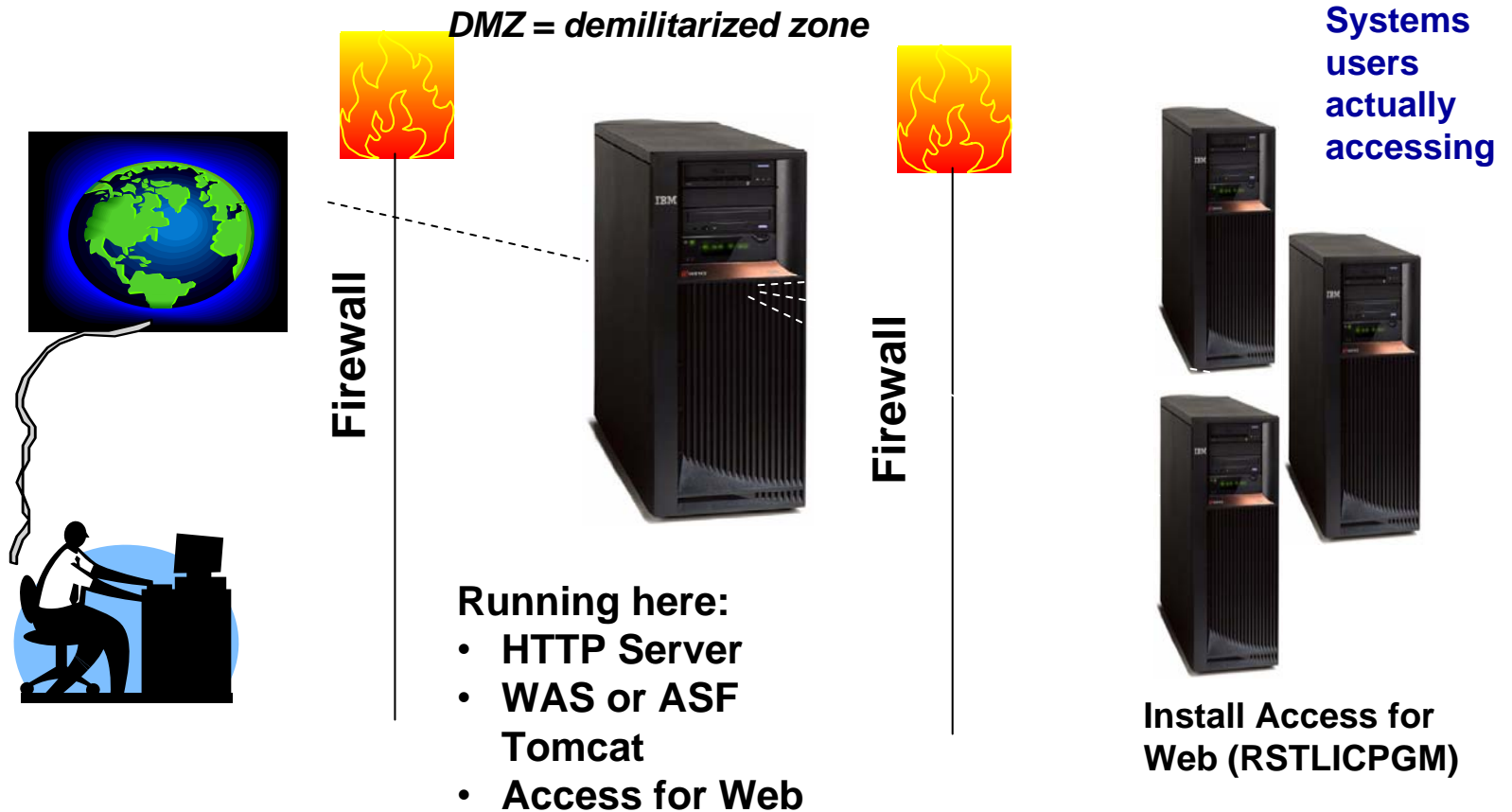
	Immediate Solution	Growth Solution
Available	93.5%	90.2%
HATS #1	6.5%	9.8%

The 520-8950/7450 can handle the defined workloads **NOW**.

It can also handle the specified growth.

Model/Feature:	520-8950/7450	500/30
Number of Systems:	1	1
Processor CPW:	500	500
5250 OLTP CPW:	30 (24% utilized)	30 (35% utilized)

Setting up your web application server



Only need to set up 1 web application server

Port Requirements Comparison

iSeries Access for Windows (5722-XE1)*

- 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

iSeries Access for Web (5722-XH2)

- Port 80 (or any other port) for HTTP Server
- Port 443 (or any other port) for HTTPS Server

*See Information APAR
II12227 for detailed
information

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/series/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**

Access for Web Documentation on the Web...

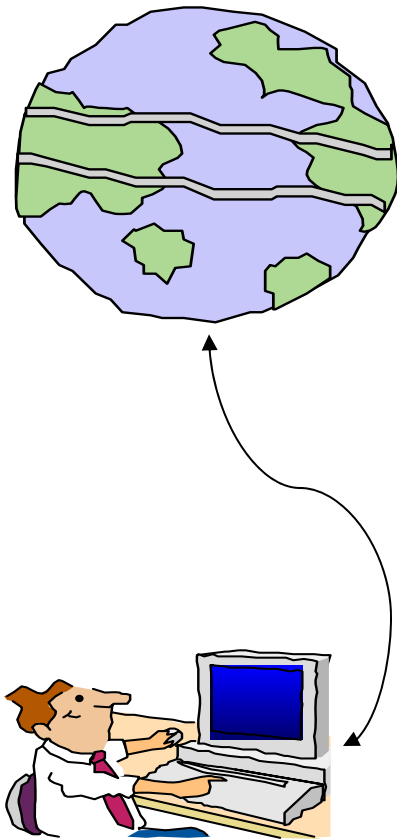
V5R3	
V5R3 iSeries Access for Web is supported on V5R2 OS/400 and V5R3 i5/OS.	
V5R3 iSeries Access for Web - Installation and Usage Refer to the iSeries Information Center . Navigate to <i>Connecting to iSeries</i> → <i>Choose your connection</i> → <i>iSeries Access</i> → <i>iSeries Access for Web</i>	English or select a language at the iSeries Information Center home page
New! V5R3 iSeries Access for Web with Workplace Services Express V2.5 - Setup/Configuration Example	PDF
New! V5R3 iSeries Access for Web with IBM WebSphere Portal Enable for Multiplatforms V5.1 - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with WebSphere Application Server (WAS) for iSeries V6.0 (Express and Base Editions) - Setup/Configuration Example	PDF
Configuring the use of authenticated WebSphere credential for Single Sign-On (SSO) with V5R3 iSeries Access for Web portlets and WebSphere Portal Express for iSeries V5.0	HTML PDF
V5R3 iSeries Access for Web with WebSphere Portal - Express for iSeries V5.0 - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with WAS - Express for iSeries V5.1 - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with WAS - Express for iSeries V5.0 - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with WAS V5.1 for iSeries (Base and Network Deployment Editions) - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with WAS V5.0 for iSeries (Base and Network Deployment Editions) - Setup/Configuration Example	PDF
V5R3 iSeries Access for Web with Apache Software Foundation (ASF) Tomcat - Setup/Configuration Example	PDF
URL Interfaces to iSeries Access for Web	PDF

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

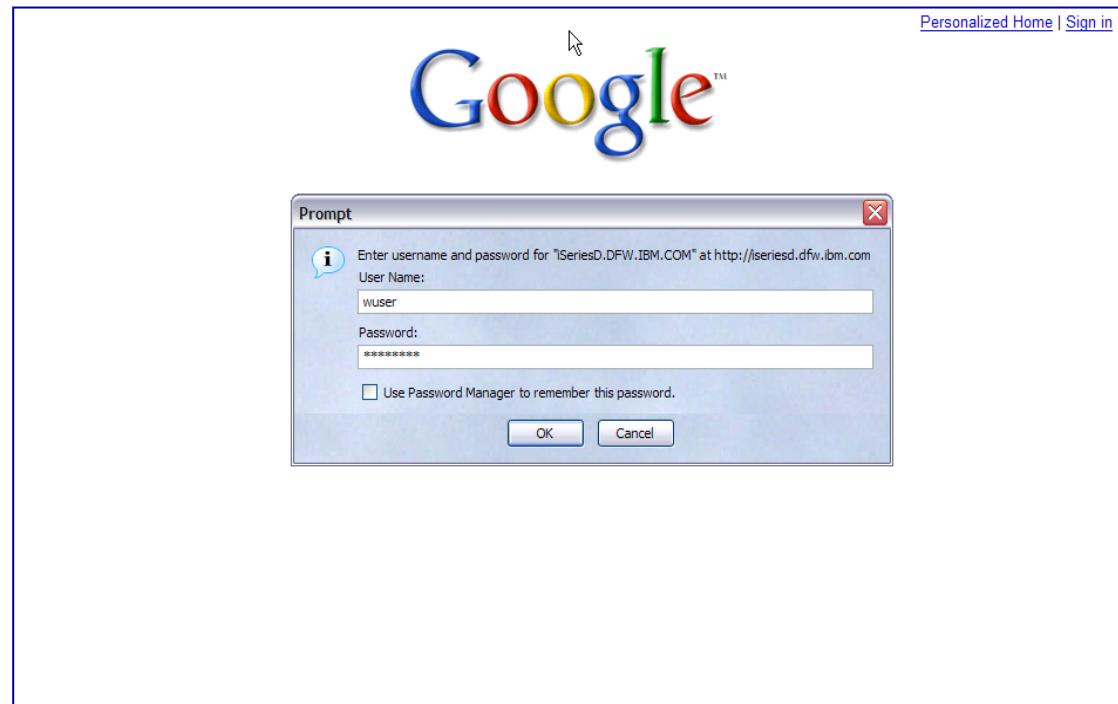
4 CL Commands in Access for Web

- **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

Users can now Connect!



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



Different Ways to Roll Out Access for Web



- **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 ‘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.
- **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
- **Use ‘out of the box’**
 - Set some policies to limit what functions are accessible to your users, and give them the url address to System i Access for Web.

Different Ways to Roll Out System i Access for Web



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



Home Page entry point

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

- Access for Web 'Home Page' out-of-the-box view
- This page is totally customizable

iSeries Access for Web

Welcome to iSeries Access for Web

Getting Started

My Information

- [My Folder](#)
- [Printer output](#)
- [Display messages](#)
- [Start a 5250 session](#)
- [Database requests](#)
- [Browse files](#)
- [Preferences](#)

My View

- See [Customizing iSeries Access for Web](#) to find out how to customize the behavior and look of iSeries Access for Web. Also, find out how to create your own home page!

Related Products

- [WebSphere Application Server for iSeries](#)
- [WebSphere Development Studio Client for iSeries](#)
- [WebSphere Development Studio for iSeries](#)

What is iSeries Access for Web

A new generation of software that enables you to access your iSeries server information and resources through a web browser!

Browser Access to iSeries Server Information

The Internet movement has taken over, and businesses are quickly moving to embrace new technologies through e-business. Since most desktop operating systems come with

Rochester information

- [City information](#)
- [Movies](#)
- [Mayo Clinic](#)

Rochester weather

[SkyCam](#)

Rochester news

- [Post-Bulletin online](#)
- [KTTC](#)

Telephone directory

- [Find a person](#)
- [Find a business](#)

Related Links:

- [iSeries Access for Web](#)
- [iSeries Access](#)
- [iSeries Navigator](#)
- [iSeries Information Center](#)
- [iSeries Resource Library](#)

New 'look' in V5R4...

Customized Home Page

Customized view of the Home Page

- Could be used as 'entry' point to System i
- Let's drill down and look at some of this...

My Web Search Search Address <http://seriesd.dfw.ibm.com/webaccess/iWAHome> Go Links


Services

[See boat details - 5250](#)
[See boat details - HATS](#)
[View available boats](#)
[Order a boat](#)

Work Items

[Work with invoices](#)
[Update an order](#)
[Check messages](#)
[Check system messages](#)
[Administrator tasks](#)
[Manage incoming items](#)
[Monitor jobs](#)
[Download client software](#)
[Reassign job responsibilities](#)

This Week's Special



Beautifully maintained 28 foot 1978 Carver Santa Cruz for only \$23,900. Head and galley refurbished in 2005. Only 31 hours on completely rebuilt motor. Click [here](#) to see this boat cruising the seas.

Great Deals

For those bargain conscious among you, we have a large selection of new and slightly used boats for under \$75,000. Whether you are planning on sailing in your backyard pond or navigating the mighty Mississippi we can meet your wants, needs, or desires. [View our selection of modestly priced boats.](#)

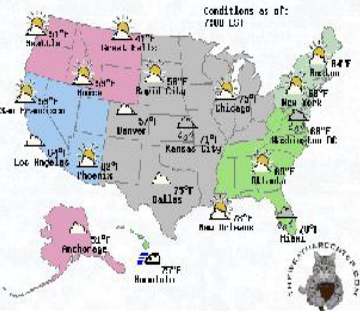
Site Support

Your comments are important to us. Please let us know if you have questions about the boats we offer or if we can help you in any way. Address your message to user BOATHELP. [Send us a message](#)

If you prefer to contact us directly, use our [telephone directory](#) to lookup phone numbers and e-mail addresses.

Weather Conditions

Is it a great day for boating? Check out today's forecast.



Conditions as of: 12/01/01

Internet

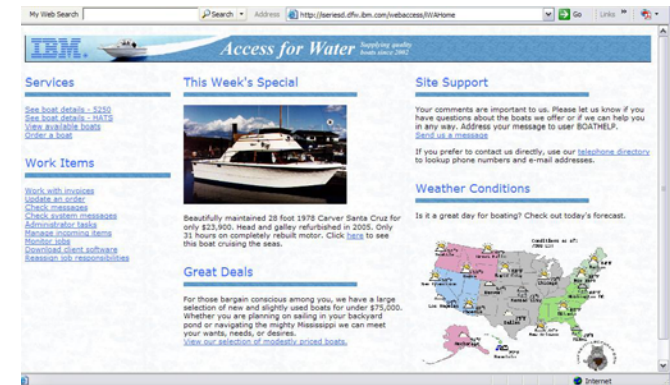
<http://seriesd.dfw.ibm.com/webaccess/iWAHome>

Your **Window** to your i5/OS

http://<myseries>/webaccess/iWAHome

Window view is associated with i5/OS user profiles

- An administrator can create many different views ('window') for different types of users -- based on user profile / group profile
- Can tightly control what functions a user can perform on your i5/OS
- Tie in with other web applications (such as WebFacing and HATS) from here as well
- Link to other systems, not just System i



Customized 'window' to i5/OS

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

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)

Services

[See boat details - 5250](#)
[See boat details - HATS](#)
[View available boats](#)
[Order a boat](#)

Address [http://seriesd.dfw.ibm.com/webaccess/WA5250?sessname=boat&initmac=startboat](#)

mywebsearch Search Smiley Central Screensavers Cursor Mania PopS

  **Access for Water** *Supplying quality boats since 2002*

[Home](#)

AS/400 WSG Boat Demo 8/24/04 15:22:18

Enter your search parameters

Type P=Powered, S=Sailing, T=Tug, C=Commercial, A=All

Length (feet)

Year built year to start from

Zero (0) extra steps

Host Access Transformation Services (HATS)

Easy to link to other web applications

Services

[See boat details - 5250](#)
[See boat details - HATS](#)
[View available boats](#)
[Order a boat](#)

- Work with 'AS/400 WSG Boat Demo' application that was refaced using the IBM HATS Tool
- May require additional sign-on

The screenshot shows a web application interface for 'JK Enterprises - iSeries'. The page title is 'AS/400 WSG Boat Demo' and the timestamp is '5/02/06 13:33:57'. The main content area is titled 'Enter your search parameters' and contains three search fields: 'Type' (with a dropdown menu), 'Length (feet)' (with a text input), and 'Year built' (with a text input). Below the search fields are four buttons: 'Reset', 'Default', 'Refresh', and 'Disconnect'. The left sidebar contains navigation links for 'JK Links' (Home Page, Site Map, Jobs) and 'JK Products' (Products, Downloads, Support). At the bottom left, there is a link for 'F3=End'.

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



To: Joe Customer
1234 Beach Street
Hometown, CA 12345

Date: Thursday, June 13, 2002
Invoice No. 9876543
Payment Due: Monday, July 15, 2002

Description	Part No.	Quantity	Price	Amount
Hunter 33.5	004356	1	\$57,900.00	\$57,900.00
Boat trailer	199234	1	\$1,800.00	\$1,800.00
Boat anchor	043993	1	FREE	\$0.00
			Subtotal	\$59,700.00
			Tax	7.00%
			TOTAL	\$63,879.00

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.

iSeries Access for Web

User: cminer System: LP120AD.RCHLAND/ADR

Convert Printer Output to PDF

From: cminer@us.ibm.com

To:

cc:

bcc:

Subject: Your Invoice

Here is the invoice for the boat you have ordered.

Attachment: QSYSVRT.502274.CMINER.CMINER0.1.PDF

Access for Water

To: Joe Customer
1234 Beach Street
Hometown, CA 12345

Date: Thursday, June 13, 2002
Invoice No: 9876543
Payment Due: Monday, July 15, 2002

Description	Part No	Quantity	Price	Amount
Hunter 33.5	004356	1	\$57,900.00	\$57,900.00
Boat trailer	199234	1	\$1,800.00	\$1,800.00
Boat anchor	043993	1	FREE	\$0.00
Subtotal				\$59,700.00
Tax				7.00%
TOTAL				\$63,879.00

Run a System i Database Query

Clicked on 'View our selection of modestly priced boats'



- Administrator had previously built an SQL Query using the System i 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

BNAME	BFEET	BYEAR	BCOST	BNT01
Mako Sportfisher	19	1989	13000	-Located in Anacortes, WA.
Monk Bridgedeck Cruiser	36	1956	19900	-Built of mahogany, oak, and cedar.
Carver Santa Cruz	28	1978	23900	-Constructed of fiberglass.
Bill Garden Schooner	36	1953	27500	-The hull is 1/8" caravel cedar planked atop 1 1/4" x 1 1/2" oak frames
Monk Flybridge/Sedan	34	1985	55000	-Double planked cedar on oak frames.
Hunter 33.5	33	1990	57900	-The boat has a large wheel steering a spade rudder.
Mariner Ketch	40	1979	63000	-Full keel and the rudder is keel hung
Morgan 382 Race/Cruise Sloop	38	1978	69000	-Has an Airex hull and skeg rudder. Has been rated by LLoyd's
Corsair 27	27	1994	69950	-Equipped for cruising and racing

Mechanism to Distribute PC software/files to 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

Name	Description	File	Size	Action
iSeries Access for Linux (i386)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseries/access/linux/ .	iSeriesAccess-5.2.0-1.6.i386.rpm	4,101,266	
iSeries Access for Linux (PPC)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseries/access/linux/ .	iSeriesAccess-5.2.0-1.6.ppc.rpm	4,291,646	
iSeries Access for Windows (Database) V5R4	iSeries Access for Windows ODBC driver, .Net provider, and Data Transfer. For more information see: http://www.ibm.com/eserver/iseries/access/windows/ .	iSeriesAccess-DB-5.4.0-S124893.exe	17,411,919	
iSeries Access for Windows (Minimal) V5R4	iSeries Access for Windows minimal install. For more information see: http://www.ibm.com/eserver/iseries/access/windows/ .	iSeriesAccess-MIN-5.4.0-S124893.exe	16,419,465	
iSeries Access for Windows (PC5250) V5R4	iSeries Access for Windows 5250 emulator and print drivers. For more information see: http://www.ibm.com/eserver/iseries/access/windows/ .	iSeriesAccess-PC5250-5.4.0-S124893.exe	24,173,661	
iSeries Access for Windows (PC5250 and Database) V5R4	iSeries Access for Windows 5250 emulator, print drivers, ODBC driver, .Net provider, and Data Transfer. For more information see: http://www.ibm.com/eserver/iseries/access/windows/ .	iSeriesAccess-PC5250-DB-5.4.0-S124893.exe	37,063,791	
Windows AFP Viewer Plug-in	The AFP Viewer plug-in lets you view AFP documents from a Web browser.	gnsp32dm.exe	9,957,466	

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



My BluePages lists
 Create lists of profiles you view often.
 To get started, use the **Add to My BluePages** links on the search results page and when viewing an employee's profile.

[Edit locations](#) [View examples](#)

Miner, Carole A.
IBM employee, Regular
 IBM Systems & Technology Group, Development Senior Software Engineer

Rochester, MN United States
 Building: 015 | Floor: 3 | Office: J202

Local time: 12:06 | 12:06PM

My preferred contact method is e-mail

Phone: 1-507-253-4606 (T/L: 553-4606)
 ITN: 25534606
 Mobile: 1-507-269-0677
 E-mail: cminer@us.ibm.com
 Notes mail: Carole Miner/Rochester/IBM@IBMUS
 Sametime status: [Sign in to view Sametime status](#)

Add to: [Notes address book](#) [Sametime list](#) [My BluePages list](#)

Report to chain

...
[Austvold, Shawn](#)
[Oenning, Steven](#)
A. Miner, Carole

Other views

- [Full report to chain](#)
- [Same manager](#)
- [Extended relationships](#)

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>

More Documentation...

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

- **iSeries News, Oct 2006, "Tailor iSeries Access for Web" by Janet Weber**

Home » Article Archive » Article

Tailor iSeries Access for Web

by [Janet Weber](#)

iSeries access for Web provides a browser interface to i5/OS resources. You can use it to access printer output, run database queries, start 5250 user interface sessions, and work with files in the IFS. But one of its most powerful features is its ability to be customized to fit the needs of individual users. Out of the box, iSeries Access for Web might be viewed as a set of utilities for accessing i5/OS resources. But the product can be transformed to look more as if it were designed for a specific company. Here, I provide an example of transforming iSeries Access for Web into a tool for selling boats.

Overview

You access iSeries Access for Web content through a set of URL-addressable pages. You can directly access any of the resource-specific functions (such as running a database request or starting a 5250 session), or you can start at one of the general product pages and navigate to the desired functionality.

iSeries Access for Web provides two general product pages: the home page (<http://system/webaccess/iWAHome>) and the main page (<http://system/webaccess/iWAMain>). The content of these pages is retrieved from static HTML files. The resource-specific pages' content is dynamically generated and enclosed within a static template, which is also supplied in a static HTML file.

The product provides default content for the home, main, and template files. The default home page contains a product overview and serves as a customized home page example. The default main page includes an overview of the iSeries Access for Web functions. The default template provides a header that displays the product name, current user, and current system. It also contains a footer with links to related sites. You can replace any or all of these files with your own content.

You use the customize feature of iSeries Access for Web to specify which files provide the static page content. To access the customize feature, you must have *SECADM special authority or be granted administrator authority to the product. Once you have the proper authority

Article Information
Article ID: 20688
Pub: System iNEWS
Date: October 01, 2006
Printer Friendly
Related Topics:
• Application Development
• iSeries Access/Client Access
• Web Development
Other Articles By:
Weber, Janet
Article Feedback:
• Submit feedback about this article

<http://www.systeminetwork.com/artarchive>

Different Ways to Roll Out System i Access for Web

- Create your own 'window' to your system through System i Access for Web



- Use 'out of the box', but set up predefined functions
- Use the WebSphere Portal solution
- Use 'out of the box'



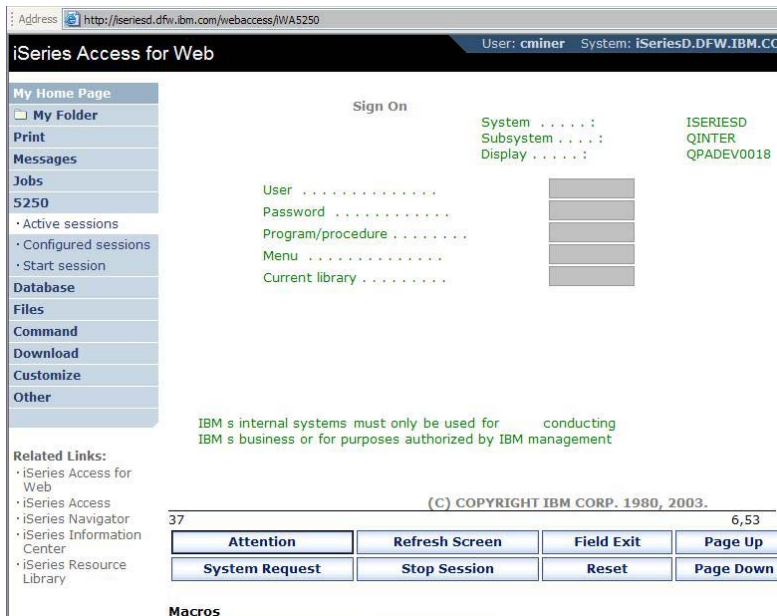
Access for Web has many entry points

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

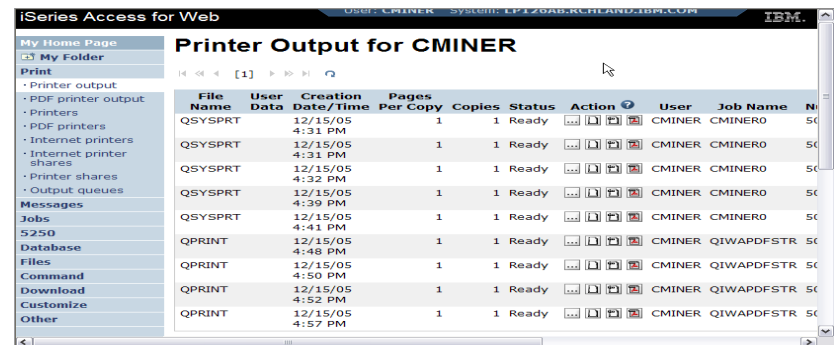
- Can enter at many different pages
- Can use navigation bar to move from function to function

http://<myiseries>/webaccess/iWA5250

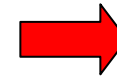
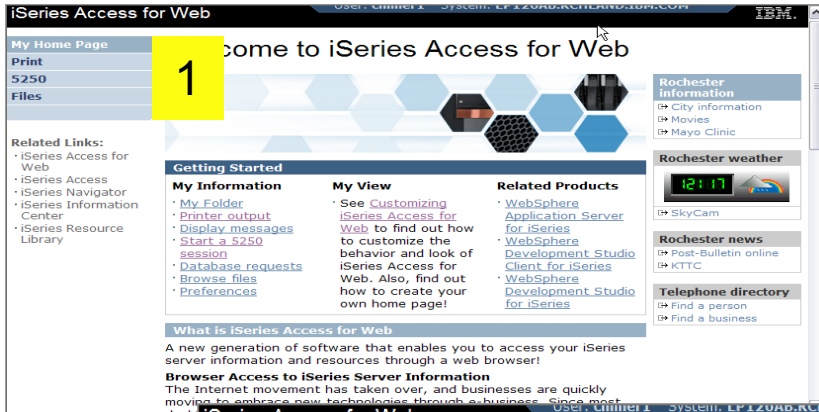
http://<myiseries>/webaccess/iWAMain



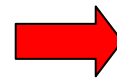
http://<myiseries>/webaccess/iWASpool



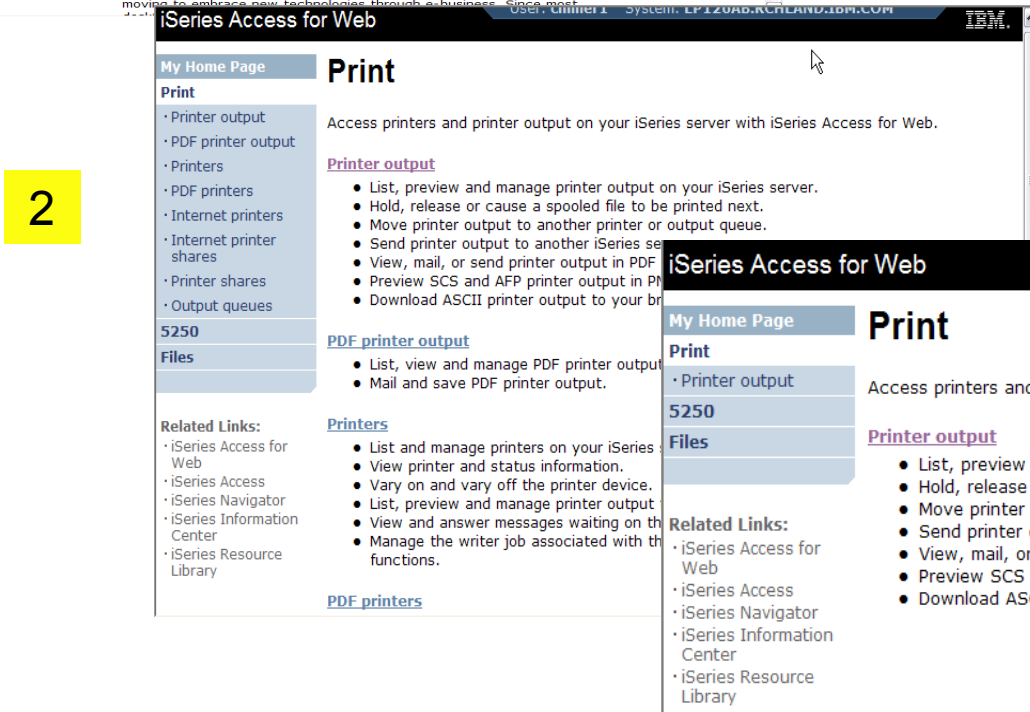
Reduce functions you give to users



Reduce tabs that get displayed



Reduce options under tabs



Printer Output - Spoolfile

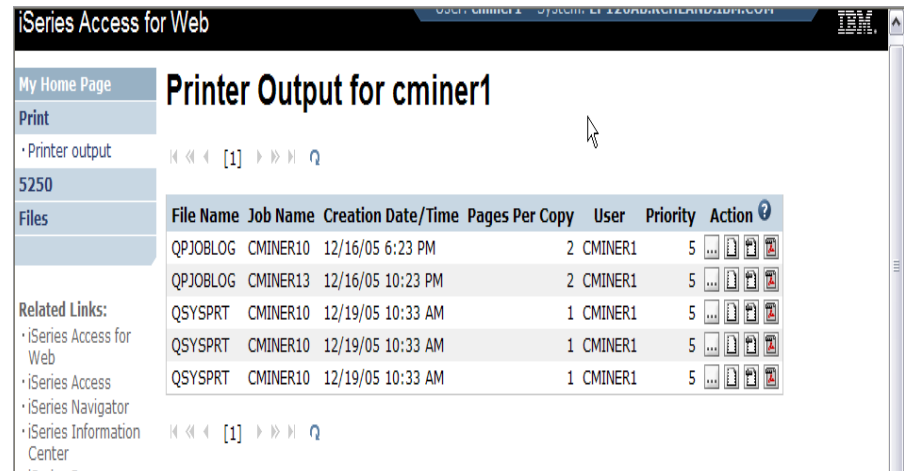
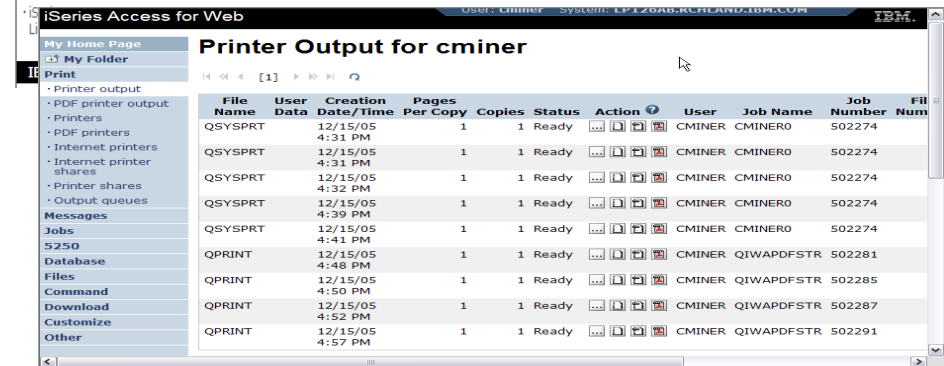
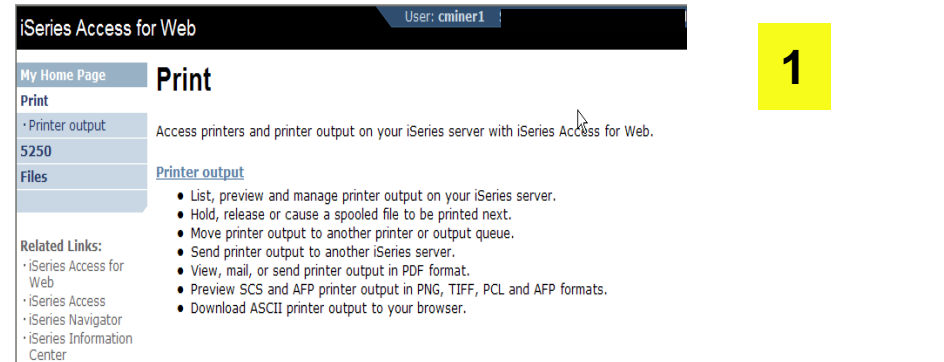
1. Print Tab

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

2. Default look of 'Printer Output'

3. Customized look of 'Printer Output' for signed on user

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



Printer Output - Spoolfile

1. Requested 'View PDF'

- Can select any option on pulldown for my printer output

2. View in Browser

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

3. Send .PDF document in an email

- Mail server does not have to be installed on System i

The first screenshot shows the 'iSeries Access for Web' interface with the 'PDF Output Settings' dialog box open. The 'Destination' dropdown menu is expanded, showing options: 'Browser', 'Mail as attachment', 'Personal folder', and 'Output Queue'. A yellow box with the number '1' is placed over the 'Print' button.

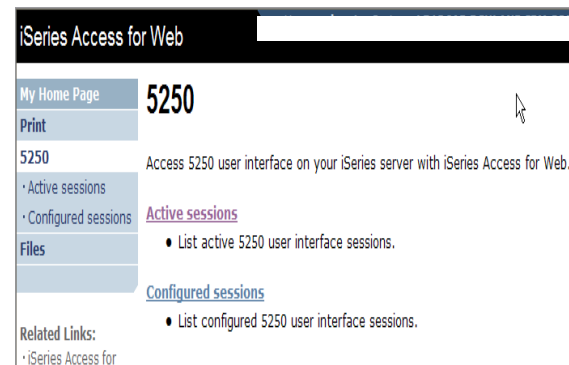
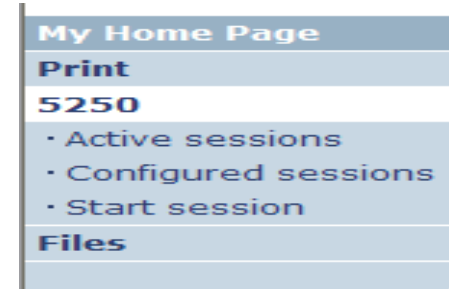
The second screenshot shows a PDF document viewer displaying an invoice. The invoice details include: To: Joe Customer, 1234 Beach Street, Hometown, CA 12345; Date: Thursday, June 13, 2002; Invoice No.: 9876543; Payment Due: Monday, July 15, 2002. A table lists items: Hunter 33.5 (Part No. 004356, Quantity 1, Price \$57,900.00, Amount \$57,900.00), Boat trailer (Part No. 199234, Quantity 1, Price \$1,800.00, Amount \$1,800.00), and Boat anchor (Part No. 043993, Quantity 1, Price FREE, Amount \$0.00). A yellow box with the number '2' is placed over the 'Access for' header.

The third screenshot shows the 'Convert Printer Output to PDF' dialog box. It includes fields for 'From:' (cminer@us.ibm.com), 'To:', 'cc:', 'bcc:', and 'Subject:'. A large text area is present for additional information. The attachment is listed as 'Attachment: QSYSPT.507343.CMINER1.CMINER10.3.PDF'. A yellow box with the number '3' is placed over the 'Send' button.

Run Pre-Configured 5250 Sessions

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

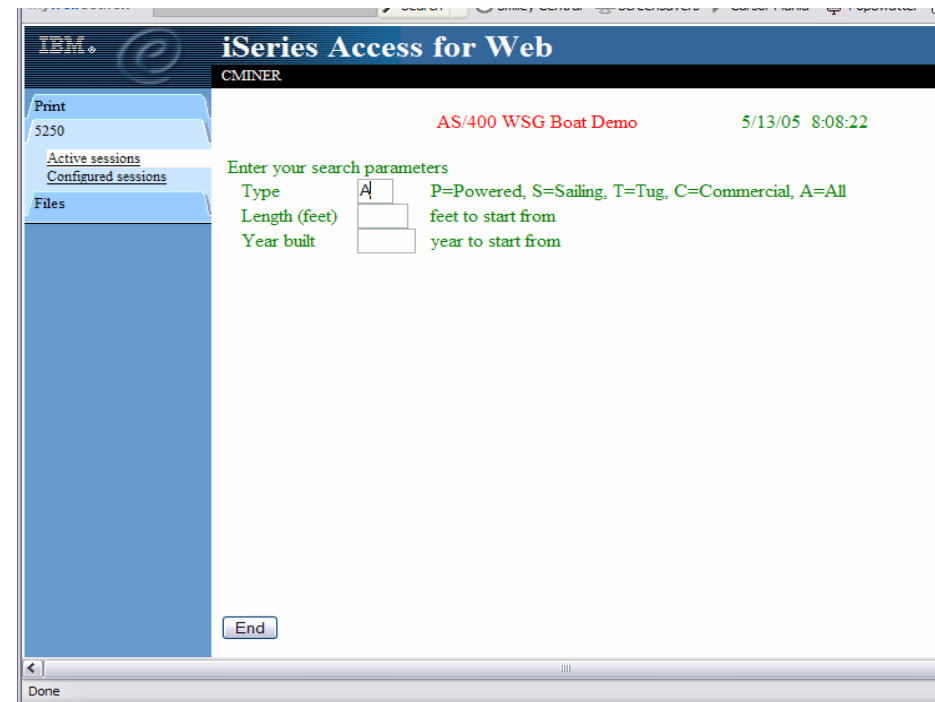
- You have removed user's ability to configure a session
- User selects 'Configured Sessions'
 - Only one listed, only action user can perform is to 'start' it
- User clicks on Start



User can run 5250 application

User is placed in this application

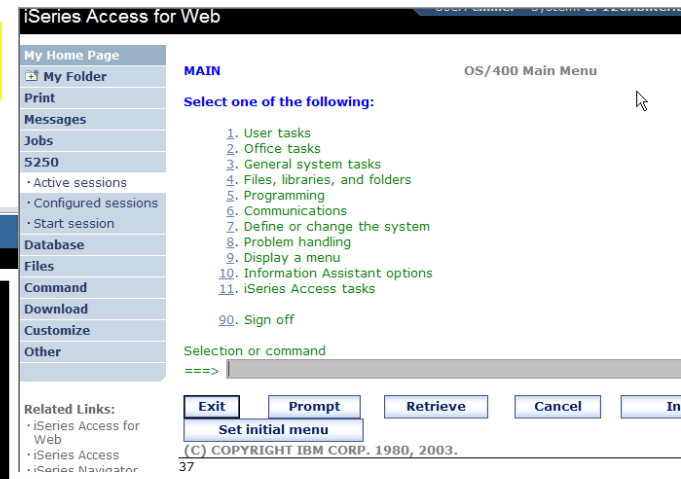
- The session could be configured to include a macro to put the user directly into a specific application on System i
 - Or on a menu screen
- Use CHGUSRPRF, LMTCPB=Yes to remove command line from user's screen



Change look of 5250 session

1. Default 'web' look

1



2. Changed colors, added keypad at side, changed buttons at bottom to words



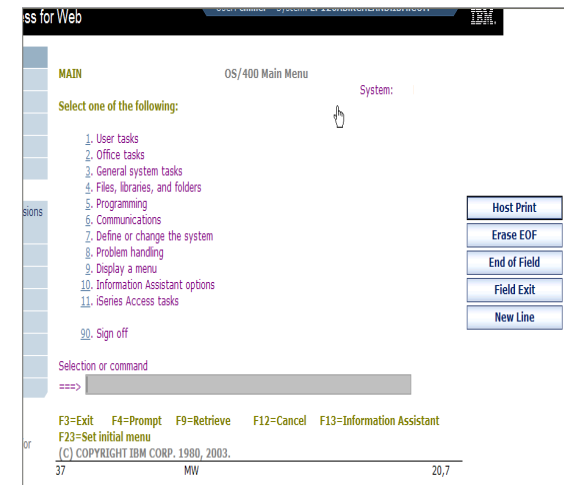
2

3. Removed navigation bar, put keypad on top



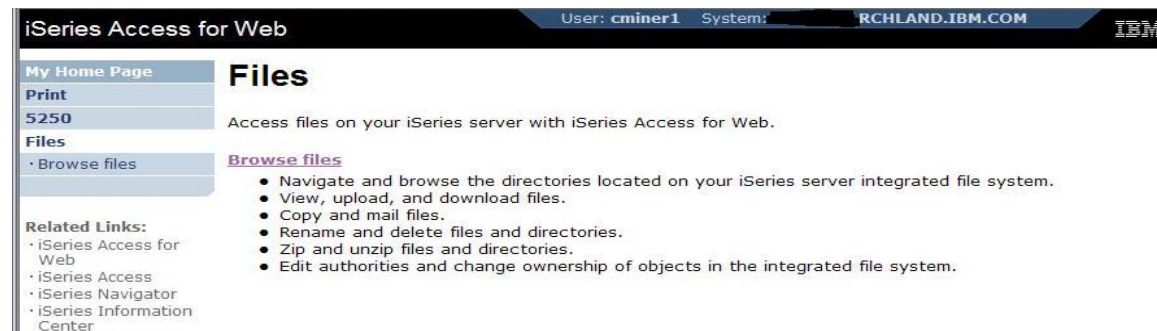
3

4. Selected 'traditional' view, removed navigation bar



Work with Files in the IFS

- **Navigate and browse the directories located on your System i server integrated file system**
 - **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 integrated file system**

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 (ie, Zip, Unzip, etc)

The screenshot shows the 'iSeries Access for Web' interface. The main content area displays 'Directory Contents /CMINER1'. Below this, there are links for 'Copy Files to Server' and 'Create Directory'. A summary line states: 'Found 0 directories. Found 4 files with a total size of 13,928,795 bytes.' Below this is a table of files:

Name ^	Size (bytes)	Type	Modified	Action ?
AMP23 Use iSeries Access for iSeries Database Access.ppt	12799488	File	12/19/05 11:32:18 AM	[Icons]
ASJ 2005 NovDec A new beta is out for iSeries Access for Web.doc	873472	File	12/19/05 11:29:19 AM	[Icons]
ISN 2005 Dec Cool Tips about iSeries Access.doc	158208	File	12/19/05 11:30:36 AM	[Icons]
VSR4 iSeries Access for Web RUN SQL Output Options.JPG	97627	File	12/19/05 11:31:34 AM	[Icons]

Below the table, there is a 'Copy Files to Server' button.

Different Ways to Roll Out System i Access for Web

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



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)



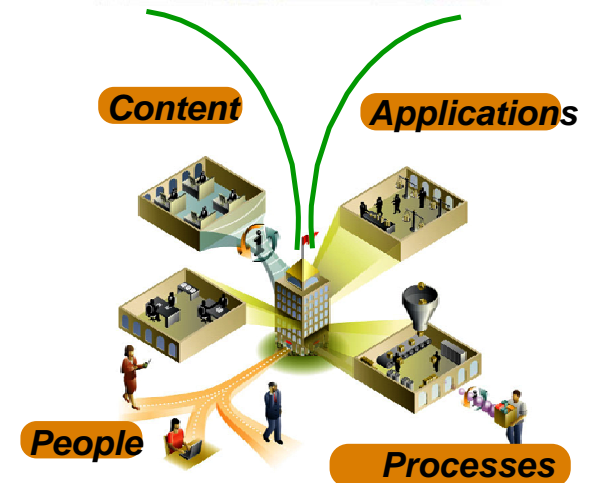
WebSphere Portal Offerings for System i

i5 Models 550, 570 and 595

- Workplace Services Express V2.5 included
- 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

i5 Model 520

- Workplace Services Express V2.5 ships with Enterprise Edition



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

Portal with System i – additional info

Flexible portal licensing (per-user OR per-processor pricing)

eServer iSeries systems purchased before July 12, 2005	
eServer iSeries Model/Edition	User licenses of IBM WebSphere Portal – Express Plus V5.0.2 included
eServer iSeries 825, 870, and 890 with Enterprise Edition	20
eServer iS 520 with Enterprise Edition	20
eServer iS 550 with Enterprise Edition	40
eServer iS 570 with Enterprise Edition	60
eServer iS 595 with Enterprise Edition	80

eServer iSeries systems purchased on or after July 12, 2005	
IBM WebSphere Portal – Express Plus	
eServer iSeries Model/Edition	User licenses of IBM WebSphere Portal – Express Plus V5.0.2 included
eServer iSeries 825, 870, and 890 with Enterprise Edition	20
eServer iS 520 with Enterprise Edition	20

IBM Workplace Services Express	
eServer iSeries Model/Edition	User licenses of IBM Workplace Services Express V2.5 included
eServer iS 550 with Solution Edition	40
eServer iS 550 with Enterprise Edition	40
eServer iS 570 with Enterprise Edition	60
eServer iS 595 with Enterprise Edition	80

Portal built for IBM Employees

[Edit profile](#) | [Sign out](#)

w3 Carole A. Miner's On Demand Workplace

[w3 Home](#) | [BluePages](#) | [HelpNow](#) | [Feedback](#)

[Home](#) | [Work](#) | [Career and life](#)

[Edit tab](#) | [Add new tab](#) | [Show layout tools](#) | [Help](#)

What's new | [Edit](#) | [-](#) | [?](#)

Currently, there are no new items

Essential links | [Edit](#) | [-](#) | [?](#)

- [About IBM](#)
- [About w3](#)
- [Buy on demand](#)
- [Collaboration Central](#)
- [Corporate Security](#)
- [Customer Reference Materials](#)
- [Emergency Planning](#)
- [Expense Reimbursement](#)
- [Global Print](#)
- [IBM Business Controls](#)
- [IBM Club](#)
- [IBM Rochester SiteNews](#)
- [IBM SiteServ](#)
- [IBM Standard Software Installer](#)
- [IBM ThinkPlace](#)
- [IBM Travel](#)
- [IT Help Central](#)
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Semiconductor industry gets a big boost. [Profiled for all IBM]

Oracle's outlook disappoints

Analysts look at the long term and fear predictions may be wrong. [Profiled for all IBM]

Five innovations, five years

Amazing things are happening at IBM labs. [Profiled for all IBM]

Lemming, chicken, caveman?

Only a few days remain to submit your innovation video to the contest. [Profiled for all IBM]

Yo Yo Ma and the Genographic Project

Giving students a unique way to learn about the ancient migratory history of humans. [Profiled for all IBM]

Rochester SiteNews

ICEFEST 2007! Please register now through February 9, Celebrate Valentine's Day by donating blood! [Profiled for Rochester]

Search | [Edit](#) | [-](#) | [?](#)

BluePages

Search type
 Name

Search for

[Advanced search](#)

Other searches

- IBM web pages (w3 and ibm.com)
- IBM forums, blogs, and wikis
- IBM news articles
- IBM Learning (site search)
- IBM World Wide Q&A

[Advanced search](#)

Market report | [Edit](#) | [-](#) | [?](#)

Created at 1:00 PM EST on 7 Feb

Portal built on i5/OS

The screenshot displays a WebSphere Portal interface with the following components:

- Navigation Bar:** Includes "Welcome", "My Work", "My Finances", "My Newsroom", "My iSeries", and "My Favorites".
- IBM v5 Banner:** A large graphic with the text "Welcome to WebSphere Portal version 5.0".
- My Vertical News Portlet:**
 - Headline: **"Iraq al-Qaeda link" - 15 Islamists are arrested in Spain**
 - Summary: [A handcuffed suspect is led away by members of the Spanish Police following a raid against suspected members of a radical ...](#)
 - Section: **World News (includes photo)**
 - Items:
 - ["Iraq al-Qaeda link" - 15 Islamists are arrested in Spain](#)
 - [U.S. releases some Saddam-era detainees](#)
 - [Israel's Sharon suffers minor stroke](#)
 - [Baghdad hospital car bomb kills two](#)
 - Section: **US News (includes photo)**
 - Items:
 - [Unrest in Congress over Bush's wiretaps](#)
 - [Secretary of State defends NSA spying](#)
 - [Time honors three who live to give](#)
 - [NYC transit strike begins](#)
 - Section: **Market & Economy News**
 - Item: [Late shoppers get benefit of bargaining](#)
- My Stocks Portlet:**
 - Monday, December 19, 2005 1:31:00 PM EST
 - Table:

▲ IBM	83.48	0.11	0.1
▼ \$COMPO	2,235.15	-17.33	-0.7
▲ \$DJI	10,900.56	24.97	0.2
▼ \$SPX	1,263.98	-3.34	-0.2
 - Text: "Data delayed at least 20 minutes."
 - Buttons: **Get Quote**, [Symbol Lookup](#)
 - Footer: MarketWatch © MarketWatch, Inc. 2005. Intraday data provided by ComStock, an Interactive Data Company.
- My Weather Portlet:**
 - Monday, December 19, 2005 5:18:00 PM CST
 - Table:

	Raleigh, North Carolina	48°
	Partly Sunny	24°/
	Stuttgart, Germany	30°
	Snow	24°/
	Beijing (Peking), China	23°
	Partly Cloudy	17°/
	Tokyo, Japan	36°
	Clear	31°/
- Bookmarks Portlet:**
 - WebSphere Portal home
 - WebSphere Portal Zone
 - WebSphere Portal catalog
 - WebSphere Portal product documentation
 - WebSphere Portal support
 - WebSphere Portal offerings
- About WebSphere Portal Portlet:** A small box with a minus icon.

System i Access for Web Portlets on System i Portal

The screenshot shows the System i Portal interface. The top navigation bar includes 'Welcome', 'My Work', 'My Finances', 'My Newsroom', and 'My iSeries', which is circled in red. Below the navigation bar, there are tabs for '5250', 'IFrame Portlets', 'Files', 'Print', 'Database', and 'Command'. The main content area is titled 'iSeries 5250 Session' and contains a 'Start Session' form on the left and a 'Welcome' message on the right. The 'Start Session' form includes fields for 'Server' (x1519p4.rchland.ibm.com), 'Port' (23), and 'Code page' (37), along with checkboxes for 'Display HTML data in fields' and 'Avoid duplicates for this user'. The 'Workstation ID' section has radio buttons for 'Use user ID' and 'Specify workstation ID', and checkboxes for 'Avoid duplicates for this user' and 'Avoid duplicates with other users'. The 'Welcome' message lists the following iSeries Access portlets:

- 5250 portlet
 - Run commands and access full-screen 5250 character-based applications.
- IFrame portlet
 - Access any of the iSeries Access for Web servlets using the IFrame portlet.
- Integrated file system (IFS) browsing portlets
 - Browse the iSeries integrated file system.
 - View, edit, upload and download files.
- Printers, printer output, and output queues portlets
 - View printer status, start and stop the writer job associated with a printer.
 - Hold, release, print, delete and view printer output files.
 - Move printer output files to another output queue or printer.
 - Hold and release output queues.
- Database tables and SQL portlets
 - View database tables, add and update records.
 - View query results, customize format of results.
 - Run SQL statements dynamically.
- Commands portlets
 - Run CL commands.

The bottom of the page contains the text: 'The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (5722-XW1). For more information regarding iSeries Access, iSeries Access for Web, and the iSeries Access'.

Portlet Support added to System i 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

System i Access Portlet Views – V5R4

Welcome to the iSeries Access portlets - specifically developed for iSeries Access customers. These portlets allow you to access information on your iSeries servers through a Web browser.

iSeries Access portlets include the following:

- 5250 portlet
 - Run commands and access full-screen 5250 character-based applications.
- IFrame portlet
 - Access any of the iSeries Access for Web servlets using the IFrame portlet.
- Integrated file system (IFS) browsing portlets
 - Browse the Series integrated file system.
 - View, edit, upload and download files.
- Printers, printer output, and output queues portlets
 - View printer status, start and stop the writer job associated with a printer.
 - Hold, release, print, delete and view printer output files.
 - Move printer output files to another output queue or printer.
 - Hold and release output queues.
- Database tables and SQL portlets
 - View database tables, add and update records.
 - View query results, customize format of results.
 - Run SQL statements dynamically.
- Commands portlets
 - Run CL commands.

The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (5722-XW1). For more information regarding iSeries Access, iSeries Access for Web, and the iSeries Access portlets, refer to the following web sites:

Printer Output View and work with printer output

Refresh

Showing 1 - 1 of 1 Page 1 of 1

Actions	File Name	Status	User Data	User	Job Name	Job Number	File Number	Creation Date/Time	Pages
	QPJOBLOG	*READY	QPADEV0007	JAVACTL	QPADEV0007	032472		1 11/16/05 1:55 PM	

Showing 1 - 1 of 1 Page 1 of 1

iSeries Printers

Connection was dropped unexpectedly.

Showing 0 - 0 of 0 Page 1 of 1

iSeries Printer Output Queues

Refresh

Showing 1 - 10 of 17 Page 1 of 2 Jump to page: 1

Library	Output Queue	Description	Status	Files	Writer	Actions
QASES1	QASES1	WEBSPPHERE - EXPRESS OUTPUT QUEUE	RELEASED	0		
QEBASS1	QEBOUTQ	WEBSPPHERE OUTPUT QUEUE	RELEASED	0		

Use edit mode to configure this function. If edit mode is not available, contact your system administrator.

SQL statement:

Run SQL

iSeries SQL Requests

Create Request Refresh

Request	Actions
Showing 0 - 0 of 0 Page 1 of 1	

Showing 0 - 0 of 0 Page 1 of 1

iSeries SQL Results - Viewer

Use the iSeries SQL Requests portlet to select a request to run.

iSeries File List

Directory Contents /

Refresh

Showing 1 - 10 of 47 Page 1 of 5 Jump to page: 1

Name	Size (bytes)	Type	Modified
ASFTomcat		Directory	10/5/05 6:17:52 AM
bin		Directory	10/4/05 1:53:45 PM
dev		Directory	10/4/05 1:53:44 PM
etc		Directory	10/5/05 8:14:52 AM
home		Directory	11/16/05 9:38:49 PM
talShield		Directory	10/4/05 4:38:21 PM
lib		Directory	10/4/05 1:56:34 PM
PSF400		Directory	11/15/05 9:53:29 AM
QDLS		Directory	10/4/05 1:46:56 PM
QFileSvr_400		Directory	10/4/05 1:46:57 PM

Showing 1 - 10 of 47 Page 1 of 5 Jump to page: 1

iSeries File List - Viewer

Use iSeries File List or other cooperative portlets to select a file to view.

iSeries File List - Editor

Use iSeries File List or other cooperative portlets to select a file to edit.

iSeries Zip File

To work with an existing zip file, use iSeries File List to select the zip file. To create a new zip file, use the "Create Zip File" button or use iSeries File List to select the directory in which to create the new zip file.

Create Zip File

Copy File to Server

File: Browse...

Replace if exists

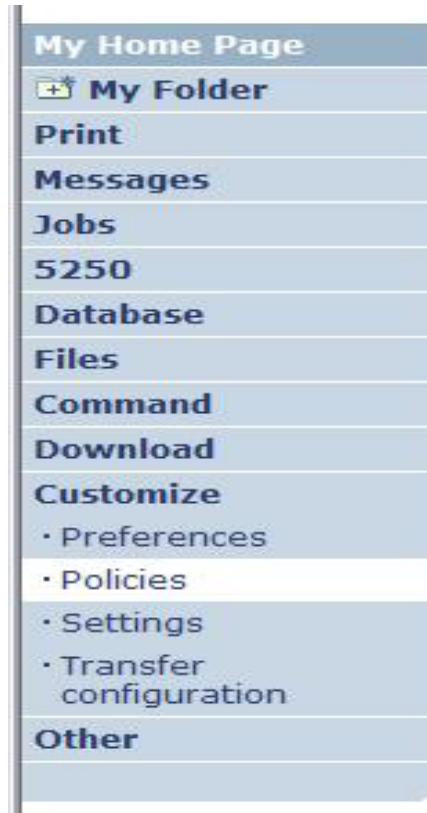
Copy to Server

Different Ways to Roll Out System i Access for Web

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



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

Access for Web uses OS/400 User Profiles

When a System i Access for Web user attempts to access any function on a System i, the following sequence of checks are made to authenticate user access:

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

Note: *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 System i Access for Web, a user can attempt to use.

- **For Example: Let's say you give users full access to the 'Database' tab.**
- **You have Object Level authority set up on your data**
- **When a user attempts to use one of the System i Access for Web Database GUIs to get at the database information, the user will get an i5/OS message indicating they are not authorized to access data**

Customize → Policies

Policies are used to control access to System i 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 i5/OS user or group profile.**
- **Each 'Category' expands for granular control**

Policies			
Profile: CMINER1			
Action	Category	Description	Access
	5250	5250 user interface custom settings.	Allowed
	Command	Run batch command custom settings.	Allowed
	Customize	Preferences and policy administration custom settings.	Allowed
	Database	Database tables, requests, and run SQL custom settings.	Allowed
	Database connections	Create and edit database connection definitions.	Allowed
	Download	Download packages custom settings.	Allowed
	Files	Integrated file system and file share custom settings.	Allowed
	General	Page layout, language and character set custom settings.	Allowed
	Jobs	Work with jobs custom settings.	Allowed
	Mail	Send mail custom settings.	Allowed
	Messages	Display messages, send messages, and message queue custom settings.	Allowed
	My Folder	My Folder custom settings.	Allowed
	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
	Sametime	Lotus Sametime custom settings.	Allowed
	Other	Change password and other miscellaneous custom settings.	Allowed

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



iSeries Access for Web System: RCHLAND.IBM.COM

My Home Page | My Folder | Print | Messages | Jobs | 5250 | Database | Files | Command | Download | Customize | Preferences | Policies | Settings | Transfer configuration | Other

Policies

Profile: *PUBLIC

Action	Category	Description	Access
<input checked="" type="checkbox"/>	5250	5250 user interface custom settings.	Allowed
<input checked="" type="checkbox"/>	Command	Run batch command custom settings.	Allowed
<input checked="" type="checkbox"/>	Customize	Preferences and policy administration custom settings.	Allowed
<input checked="" type="checkbox"/>	Database	Database tables, requests, and run SQL custom settings.	Allowed
<input checked="" type="checkbox"/>	Database connections	Create and edit database connection definitions.	Allowed
<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	Send mail custom settings.	Allowed
<input checked="" type="checkbox"/>	Messages	Display messages, send messages, and message queue custom settings.	Allowed
<input checked="" type="checkbox"/>	My Folder	My Folder custom settings.	Allowed
<input checked="" type="checkbox"/>	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
<input checked="" type="checkbox"/>	Sametime	Lotus Sametime custom settings.	Allowed
<input checked="" type="checkbox"/>	Other	Change password and other miscellaneous custom settings.	Allowed

Related Links:
 • iSeries Access for Web
 • iSeries Access
 • iSeries Navigator
 • iSeries Information

Policies - customize a group of users at once

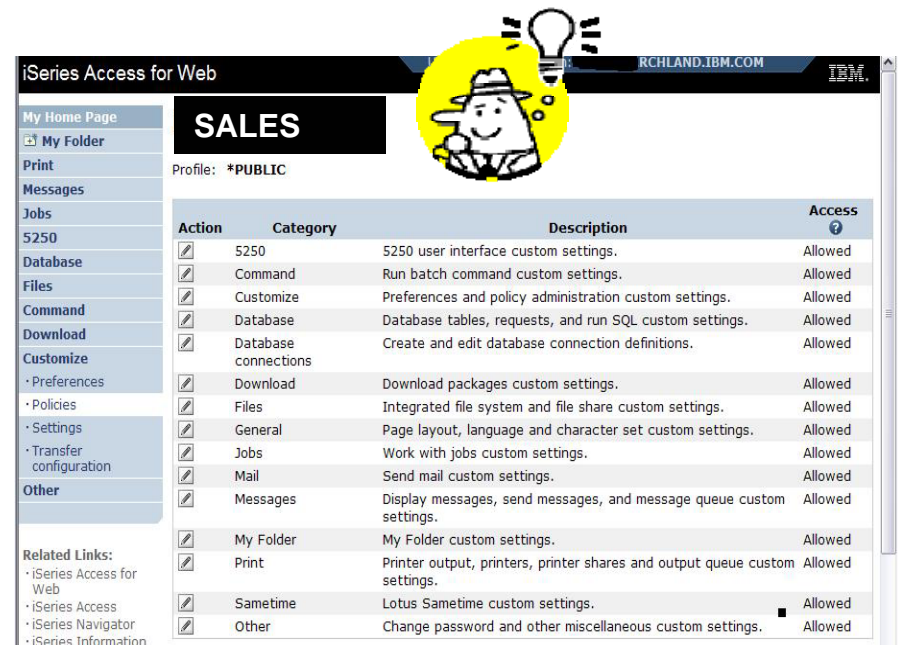
Another Alternative...

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 too many groups, you need to keep track of what policies were set for who.



Action	Category	Description	Access
<input checked="" type="checkbox"/>	5250	5250 user interface custom settings.	Allowed
<input checked="" type="checkbox"/>	Command	Run batch command custom settings.	Allowed
<input checked="" type="checkbox"/>	Customize	Preferences and policy administration custom settings.	Allowed
<input checked="" type="checkbox"/>	Database	Database tables, requests, and run SQL custom settings.	Allowed
<input checked="" type="checkbox"/>	Database connections	Create and edit database connection definitions.	Allowed
<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	Send mail custom settings.	Allowed
<input checked="" type="checkbox"/>	Messages	Display messages, send messages, and message queue custom settings.	Allowed
<input checked="" type="checkbox"/>	My Folder	My Folder custom settings.	Allowed
<input checked="" type="checkbox"/>	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
<input checked="" type="checkbox"/>	Sametime	Lotus Sametime custom settings.	Allowed
<input checked="" type="checkbox"/>	Other	Change password and other miscellaneous custom settings.	Allowed

Set Policy to Default to Specific Directory in IFS

Set a 'Default Directory' for:

- ***PUBLIC**
- **Groups of users**
- **Specific user**

Profile: CMINER1

Policy	Derived From	Action	Setting
Files access	Shipped default	Use current setting	Allow
Files tab	Shipped default	Use current setting	Show
Display directory contents in new window	Shipped default	Use current setting	No
Enable sort links for directory contents	Shipped default	Use current setting	Yes
Display directory contents statistics	Shipped default	Use current setting	Yes
Browse files	Profile setting	Use current setting	Allow
Copy files to server	Shipped default	Use current setting	Allow
Copy files from server	Shipped default	Use current setting	Allow
Default directory	Profile setting	Use current setting	/cminer1
Display subdirectory contents	Shipped default	Use current setting	Allow
Display parent directory contents	Shipped default	Use current setting	Allow
Display default directory	Shipped default	Use current setting	Deny

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

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

Edit Preferences - My Folder

Maximum folder items allowed: No maximum
Maximum folder size allowed: No maximum

Preference	Derived From ?	Action ?	Setting
My Folder tab	Shipped default	Use current setting	Show
Mark folder items opened/unopened	Shipped default	Use current setting	Yes
My Folder notification	Shipped default	Use current setting	E-mail and Sametime
Notify on new folder items	Shipped default	Use current setting	Yes
Notify on folder items threshold	Shipped default	Use current setting	Yes
Folder items threshold	Shipped default	Use current setting	100 %
Notify on folder size threshold	Shipped default	Use current setting	Yes
Folder size threshold	Shipped default	Use current setting	100 %
E-mail address to notify	E-mail address	Use current setting	cminer@us.ibm.com
Sametime user to notify	Shipped default	Use current setting	
My Folder columns	Shipped default	Use current setting	Columns...
My Folder sort column	Shipped default	Use current setting	Date/Time

Good articles on setting up users

iSeries 400 Experts Journal

- Sept/Oct 2006, 'iSeries Access for Web: Getting Started'
- Nov/Dec 2006, 'Making iSeries Access for Web available to your users: Beyond the Basics'
- Mar/Apr 2007, 'iSeries Access for Web: Additional Tips on rolling 5250 out to users'





How to Start a 5250 Session and save it

Select to 'Start Session'

- Provide name of System i you wish to connect to → can be any system in the network
- Provide how you want Workstation ID handled
- Can check to Bypass additional i5/OS sign-on screen

Once you are connected, click on the 'Active' session link to save this session

1

2

How to Configure and Save a 5250 Session (continued)

Click on Active Session link

3

- Click on 'Edit' icon in Actions column
- Can set colors, define keypads, etc.

Server	Session	Started	Last Accessed	View	Action
RCHLAND.IBM.COM A	5250	12/20/05 5:11:57 PM CST	12/20/05 5:12:47 PM CST	Web	

You then save your 'Active' session and give it a name

4

- Next time you want to start that session, you simply click on 'Configured Sessions'

Configured session name must be specified.

Session:

Replace if already exists

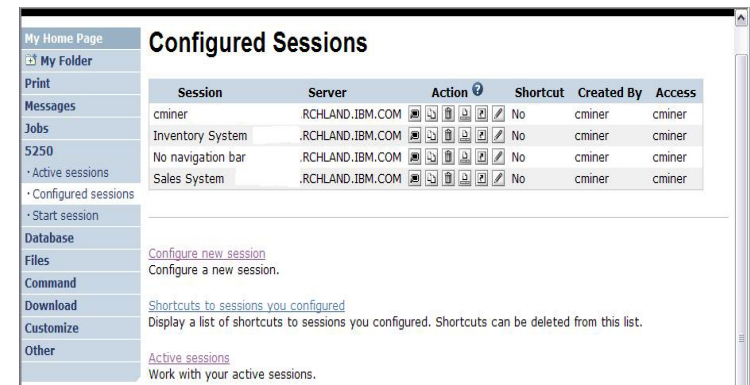
How to Give Shortcuts to your Configured Sessions

(continued)

Click on Configured Sessions

5

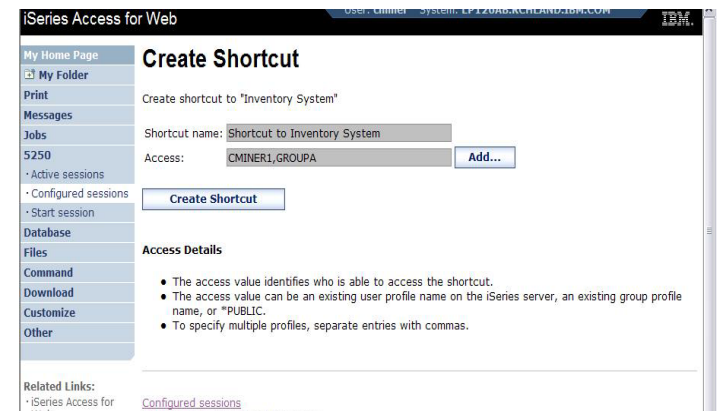
- On 'Inventory System' select the Action Icon to 'Create Shortcut'



Give access to your Configured Session via Shortcuts

6

- Add the users, groups of users, or all users (*Profile) whom you want to be able to use this session connection



User now has access to Configured Session (continued)

User CMINER1

- Does not have a 'Start Session' link
- Has only has 'Configured Sessions' link
- Has a Shortcut to a Configured Session created by CMINER

Policies have been set on CMINER1

- So that the only Action user can take is to start this session. User cannot:
 - Copy, Delete, Rename, Create Another Shortcut, Edit

iSeries Access for Web User: cminer1 System: System

7

My Home Page
Print
5250
Active sessions
Configured sessions
Files

Configured Sessions

Session	Server	Action	Shortcut	Created By	Access
Shortcut to Inventory System	.RCHLAND.IBM.COM		Yes	cminer	cminer1
Shortcut to Inventory System	.RCHLAND.IBM.COM		Yes	cminer	GROUPA

Related Links: Active sessions

Creating a Macro to use with 5250

1. Record the Macro

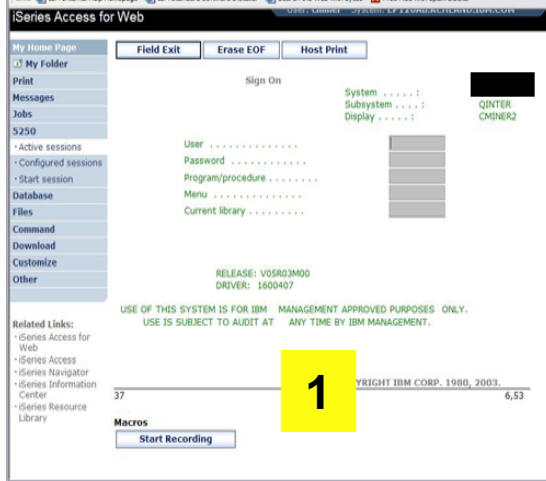
- Start Session and get to the i5/OS sign-on screen
- Go to bottom of screen and start macro record
- Continue recording macro until you have reached spot you want users to come into (ie, i5/OS Main Menu, your own menu, a particular application...)
- Go down to bottom of screen and stop macro recording
- When you get to the save macro screen, select a macro name

2. Edit the Macro to bypass sign-on screen

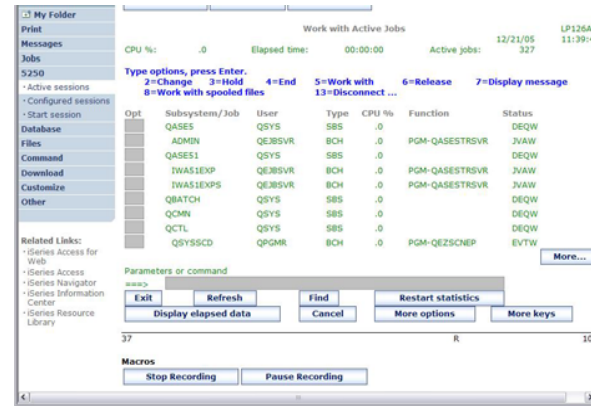
- Go to 'Start Session' and go to bottom of page and select 'My Macros' to work with macro you just created
- Remove your password that was recorded and put in **[password]**, then remove your workstation id and put in **[user]** in the macro.
 - This is documented in 5250 User Interface Help at bottom of 'Configure New Session' page

Record and Save Your Macro

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



2

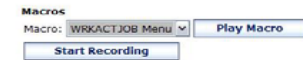


Start at i5/OS sign-on screen and click on **Start Recording** to create your macro



Then give the Macro a name

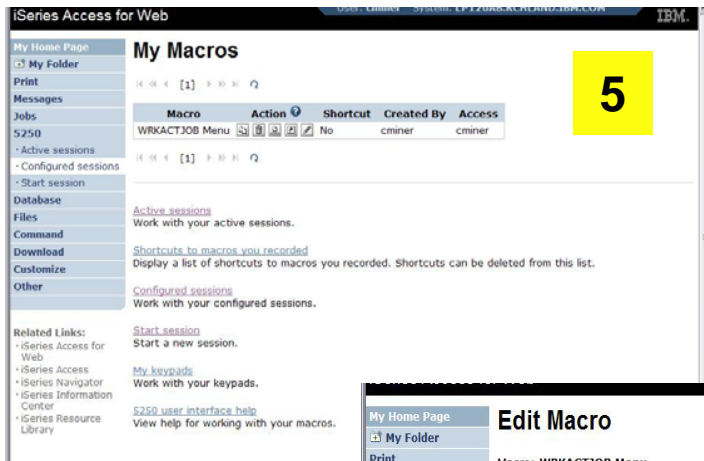
Go to bottom of 5250 screen and select to **Edit** the macro you just created



Traditional view
Switch this session to traditional view.
Active session settings
Change the settings for this session.
Active sessions
Work with your active sessions.
Configured sessions
Work with your configured sessions.
My macros
Work with your macros.
My keypads
Work with your keypads.
5250 user interface help
View help for using the 5250 user interface.

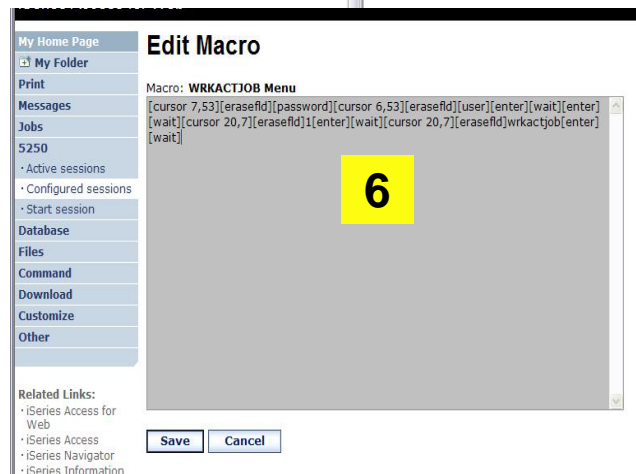


Edit Your Macro and Create A Shortcut for it

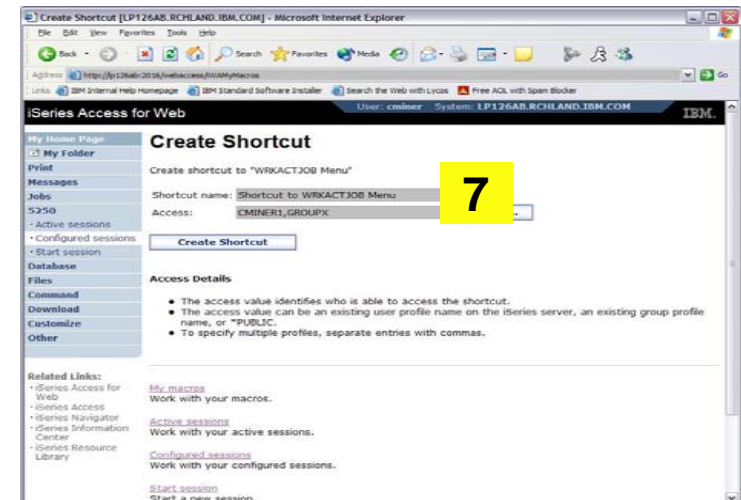


Select Action to **Edit** your macro

- 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



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



Add Macro Name to a 5250 Session

8

iSeries Access for Web User: cminer System: LP126AB.RCHLAND.IB

Start Session

Server: MYISERIES.RCHLAND.IBM.COM

Port: 23

Code page: 37

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

General

Initial macro: WRKACTJOB Menu

Bypass signature

Display HTML

Start Session

Active sessions
Work with your active sessions.

Edit Configured Session

Session: Sales System

Default view: Web

Initial macro: WRKACTJOB Menu

Bypass signature

Display HTML

Enable advanced sessions

Server: MYISERIES.RCHLAND.IBM.COM

Port: 23

Code page: 37

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

View

Web

Show navigation bar

Show action links

Show hotspot links

Traditional

Show navigation bar

Show action links

Show hotspot links

- 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



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.

Upload PC Data to DB2 for i5/OS database



- Upload data from a variety of file types
 - Excel, XML, Lotus, etc
 - OpenOffice **new V5R4**
- Put into i5/OS database
 - 'Replace' contents of table
 - 'Append' to existing data
- If no table exists on System i, you will get a wizard to help you create a new table

iSeries Access for Web

My Home Page
My Folder
Print
Messages
Jobs
5250
Database
· Tables
· My requests
· Run SQL
· Copy data to table
· Import request
· Import query
· Extract server data
Files
Command
Download
Customize

Copy Data to Table

File to Copy ?

File: Browse...

File type: Comma Separated Value (.csv) Settings

Table to Receive Data ?

Table:

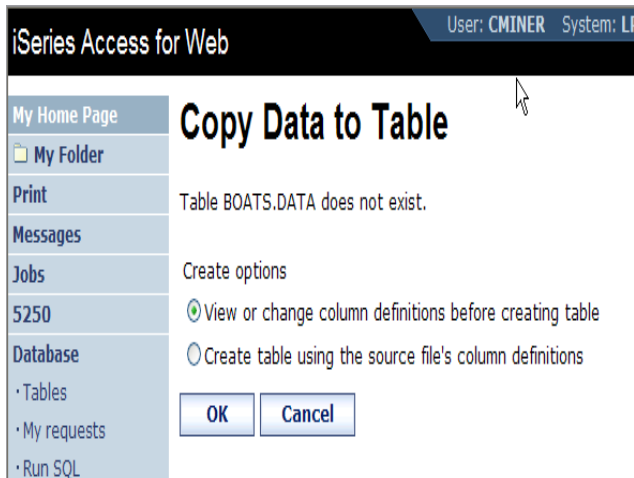
Action: Replace data if table exists

Connection ?

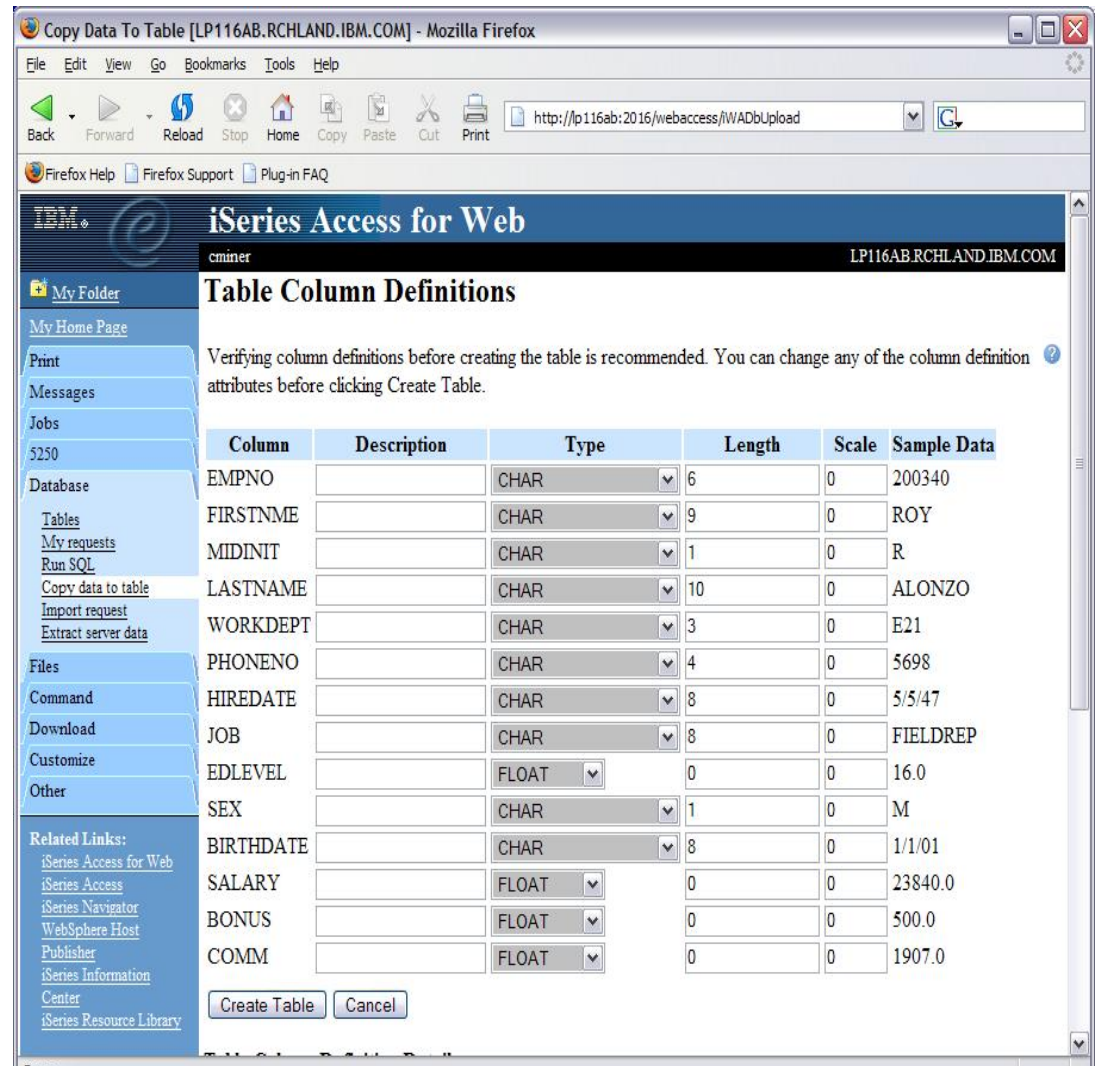
Connection: IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM

Copy Data to Table Save Request...

Create Table in DB2 for i5/OS



Wizard to help you create a table in the System i database from your PC spreadsheet



Database Tables

Can:

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

iSeries Access for Web User: CMINER

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database**
- Tables
- My requests
- Run SQL
- Copy data to table
- Import request
- Import query
- Extract server data
- Files**
- Command**
- Download**
- Customize**
- Other**

Related Links:

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- iSeries Information Center
- iSeries Resource Library

Tables

Connection: IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM
Table filter: *USRLIBL, boats

[1] 2 3 4 5 6 7 8 9 >>> 🔍

Table	Description	Action ?
BOATS.BOATS	Available BOATS	
BOATS.BOATS1	Available boats by length	
BOATS.PCFILES	PC files needed by BOATS WSG Demo	
BOATS.QCLSRC		
BOATS.QCMDSRC		
BOATS.QDDSSRC		
BOATS.QRNCVTLG		
BOATS.QRPGLESRC		
BOATS.QRPGSRC		
QGPL.#	\$	
QGPL.BITYPES		
QGPL.CHADDEC		
QGPL.CONCURTYPE		
QGPL.CPY_INFO		
QGPL.DAVE		
QGPL.DECSEP		
QGPL.DIVZERO		
QGPL.DIVZERO2		
QGPL.DSD		
QGPL.DSPSFWRSC	Output file for DSPSFWRSC	

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

iSeries Access for Web

My Home Page
My Folder
Print
Messages
Jobs
5250
Database
• Tables
• My requests
• Run SQL
• Copy data to table
• Import request
• Import query
• Extract server data
Files
Command
Download
Customize
Other

Run SQL

SQL Statement

```
SELECT
  "BCOST", "BYEAR", "BTYPE", "BNAME", "BFEEET", "BNT01"
FROM
  BOATS.BOATS
WHERE
  ( ("BCOST" > 10000) )
```

SQL Wizard

SQL Output

Type: Microsoft Excel XML (.xml) Settings

Destination: Mail as attachment Settings

Format

Date: 12/23/05

Time: 10:16:44 AM

Connection

Connection: IBM Toolbox for Java - RCHLAND.IBM.COM

Run SQL Save Request...

Related Links:
• iSeries Access for Web
• iSeries Access
• iSeries Navigator
• iSeries Information

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**

iSeries Access for Web

My Home Page
My Folder
Print
Messages
Jobs
5250
Database
· Tables
· My requests
· Run SQL
· Copy data to table
· Import request
· Import query
· Extract server data
Files
Command
Download

SQL Wizard

```
SELECT *  
FROM BOATS.BOATS
```

Welcome

This wizard steps you through creating an SQL select statement.

Next Finish Cancel

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

iSeries Access for Web

My Home Page
Print
5250
Database
• My requests
Files
Download

Related Links:
• iSeries Access for Web
• iSeries Access
• iSeries Navigator
• iSeries Information Center
• iSeries Resource Library

My Requests

« « « [1] » » » 🔍

Request	Description	Action	Shortcut	Created By	Access
Shortcut to Boats For Sale	View all available boats		Yes	CMINER	groupa
Shortcut to Find Boat To Buy	Select type and price limits		Yes	CMINER	*PUBLIC
Shortcut to My Customers Mailing	Mail Customer List		Yes	CMINER	groupa
Shortcut to My Customers Mailing	Mail Customer List		Yes	cminer	cminer1
Shortcut to Put My Customer List in Folder	Store Customer List		Yes	CMINER	groupa
Shortcut to request sql			Yes	secyesi	*PUBLIC
Shortcut to request upload			Yes	secyesi	*PUBLIC

« « « [1] » » » 🔍

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

3

Messages	BCOST	BYEAR	BTYPE	BNAME	BFEET	BNT01
Jobs	27500	1953	S	Bill Garden Schooner	36	-The hull is 1/8' caravel cedar planked atop 1 1/4" x 1 1/2" oak frames
5250	57900	1990	S	Hunter 33.5	33	-The boat has a large wheel steering a spade rudder.
Database	63000	1979	S	Mariner Ketch	40	-Full keel and the rudder is keel hung
• Tables	69000	1978	S	Morgan 382 Race/Cruise Sloop	38	-Has an Airex hull and skeg rudder. Has been rated by Lloyd's
• My requests	69950	1994	S	Corsair 27	27	-Equipped for cruising and racing
• Run SQL	80000	1974	S	Garden Design Porpoise Ketch	51	-The hull is carvel planked teak.
• Copy data to table						
• Import request						
• Import query						
• Extract server data						

2

iSeries Access for Web

My Home Page | Find Boat

My Folder

Print | Select Boat Type

Messages | S

Jobs | Price in US\$ greater than or equal to: 25000

5250 | Price in US\$ less than or equal to: 100000

Database

• Tables

• My requests

OK Cancel

1

iSeries Access for Web

My Requests

Request	Description	Action	Shortcut	Created By	Access
Boats Available	See available boats	[Icons]	No	cmner	cmner
Boats By Price	Boats for sale by price	[Icons]	No	cmner	cmner
Boats by Price in .xls format	Save in My folder	[Icons]	No	cmner	cmner
Boats by Price in Excel	Boats for sale by price	[Icons]	No	cmner	cmner
Boats For Less than \$1,000,000	Boats for sale by price	[Icons]	No	cmner	cmner
Boats For Sale	View all available boats	[Icons]	No	cmner	cmner
Dynamic BOATS Request	Price and Type	[Icons]	No	cmner	cmner
Find Boat By Price and Type	Find Boat By Price and Type	[Icons]	No	cmner	cmner
Find Boat To Buy	Select type and price limits	[Icons]	No	cmner	cmner
My Customers	Customer List	[Icons]	No	cmner	cmner
My Customers Mailing	Mail Customer List	[Icons]	No	cmner	cmner
Put My Customer List in Folder	Store Customer List	[Icons]	No	cmner	cmner
Shortcut to Find Boat To Buy	Select type and price	[Icons]	Yes	CMNER	*PUBLIC

Printing



Work with Printer Output, Printers, Queues

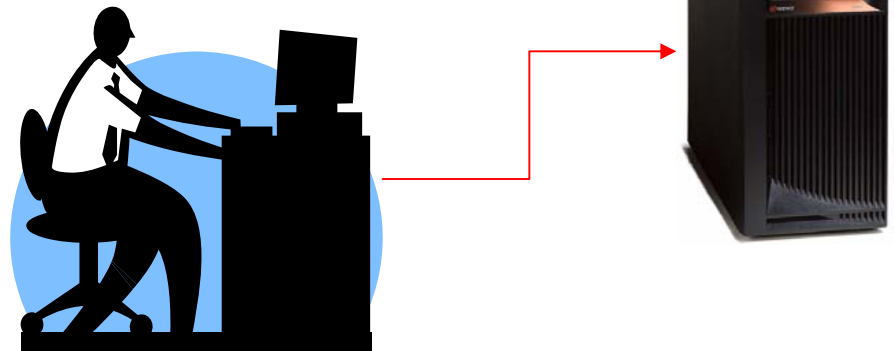
Typical end user printer tasks

- **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**



Work with Printer Output

<http://<myseries>/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

The screenshot shows the 'iSeries Access for Web' interface. The title bar indicates the user is 'cminer' and the system is 'LP120AB.RCHLAND.IBM.COM'. The main content area is titled 'Printer Output for cminer' and displays a table of printer jobs. The table has columns for File Name, User, Creation Date/Time, Pages Per Copy, Copies, Status, Action, User, Job Name, and Job Number. The jobs listed are all in a 'Ready' status and were created on 12/15/05.

File Name	User	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number
QSYSVRT		12/15/05 4:31 PM	1	1	Ready	...	CMINER	CMINERO	502274
QSYSVRT		12/15/05 4:31 PM	1	1	Ready	...	CMINER	CMINERO	502274
QSYSVRT		12/15/05 4:32 PM	1	1	Ready	...	CMINER	CMINERO	502274
QSYSVRT		12/15/05 4:39 PM	1	1	Ready	...	CMINER	CMINERO	502274
QSYSVRT		12/15/05 4:41 PM	1	1	Ready	...	CMINER	CMINERO	502274
QPRINT		12/15/05 4:48 PM	1	1	Ready	...	CMINER	QIWAPDFSTR	502281
QPRINT		12/15/05 4:50 PM	1	1	Ready	...	CMINER	QIWAPDFSTR	502285
QPRINT		12/15/05 4:52 PM	1	1	Ready	...	CMINER	QIWAPDFSTR	502287
QPRINT		12/15/05 4:57 PM	1	1	Ready	...	CMINER	QIWAPDFSTR	502291

PDF Printer Output

<http://<myiseries>/webaccess/iWAPDFPrinterOutput>

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

Actions include:

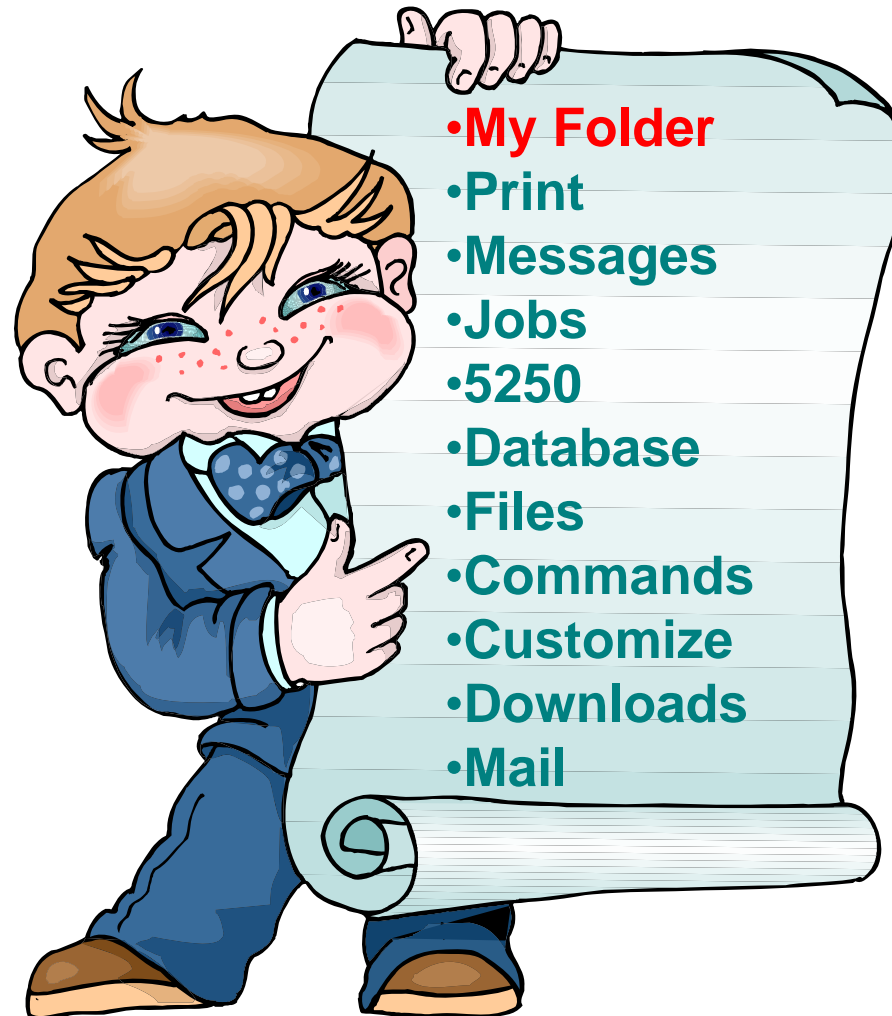
- View
- Copy to File
- Copy to Folder;
Delete
- Mail

File Name	File Number	User	Creation Date/Time	Job Name	Job Number	Action
QSYSPRT	5	JOANSG	4/7/05	QPRTJOB	064814	[Icons]
QSYSPRT	1	CLARKD	4/27/05	QPADEV0018	115207	[Icons]
QSYSPRT	2	CLARKD	4/27/05	QPADEV0018	115207	[Icons]
QSYSPRT	1	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
QSYSPRT	2	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
QSYSPRT	3	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
QSYSPRT	4	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
QSYSPRT	5	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
QSYSPRT	6	CLARKD	5/2/05	QPADEV0012	122000	[Icons]
COVER_PAGE	11	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
BG1_3812	12	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
BG2_3812	13	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
BG3_3812	14	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
BOX_3812	15	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
MBX_3812	16	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
IMG_3812	17	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]
HRZ_3812	19	GILBERTM	11/1/05	QPRTJOB	287159	[Icons]

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

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

My Folder



My Folder

Folder resides in the System i IFS

- 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

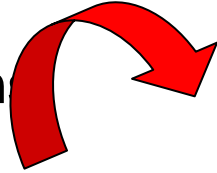
- Performing requests for someone else
- Mechanism for workflow.

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

Simply click on 'My Folder' to see items

- Can store item
email them,
delete them, etc
- Do not need to
understand any
Directory
structure to put
information in My
Folder or
another's Folder



iSeries Access for Web

User: CMINER System: LP120AB.RCHLAND.IBM.COM

My Home Page

My Folder

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Other

Related Links:

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- iSeries Information Center
- iSeries Resource Library

My Folder

« « « [1] » » »

Item	Status	From	Date/Time	Size	Action
<input type="checkbox"/> Status [SQL output in PDF]	Unopened	CMINER	12/12/05 6:08 PM	202	
<input type="checkbox"/> SQL output in PDF	Unopened	CMINER	12/12/05 6:08 PM	2543	
<input type="checkbox"/> Status [SQL output in PDF]	Unopened	CMINER	12/12/05 6:04 PM	202	
<input type="checkbox"/> SQL output in PDF	Opened	CMINER	12/12/05 6:04 PM	2543	
<input type="checkbox"/> Status: SQL output to Integrated File System	Unopened	CMINER	12/12/05 5:39 PM	272	
<input type="checkbox"/> Status: SQL output to Integrated File System	Unopened	CMINER	12/12/05 5:35 PM	271	
<input type="checkbox"/> Status [SQL output in HTML]	Unopened	CMINER	12/9/05 4:52 PM	202	
<input type="checkbox"/> SQL output in HTML	Opened	CMINER	12/9/05 4:52 PM	816	
<input type="checkbox"/> Status [SQL output in XLS]	Unopened	CMINER	12/5/05 4:35 PM	297	
<input type="checkbox"/> SQL output in XLS	Opened	CMINER	12/5/05 4:35 PM	3956	

Delete Selected Items

Commands



Run i5/OS CL Commands

1

Search for Command

iSeries Access for Web

Search for Commands

Command: ?

Library: ?

Search by:

Command name Text description ?

Navigation: [1] 2 3 4 5 6 7 8 9 10 > >> << <

Command	Library	Description
WRKUSRPRF	QSYS	Work with User Profiles
WRKUSRJOB	QSYS	Work with User Jobs
DSPWSUSR	QSYS	Display Work Station User
RSTUSRPRF	QSYS	Restore User Profiles
WRKNWSENR	QSYS	Work with NWS User Enrollment
DSPNWSUSR	QSYS	Display Network Server Users
WRKUSRTBL	QSYS	Work with User Tables
WRKNETF	QSYS	Work with Network Files
WRKNETJOB	QSYS	Work with Network Job Entries
WRKNWID	QSYS	Work with Network Interfaces
WRKNWSD	QSYS	Work with Network Servers
WRKNETTBL	QSYS	Work with Network Table Entry

2

Then Run Command

iSeries Access for Web

Restore User Profiles (RSTUSRPRF)

Device: ? Name, *SAVF

User profile: ? Name, generic*, *ALL, *NEW, *NONE

Volume identifier: ? Character value, *MOUNTED

Sequence number: ? 1-16777215, *SEARCH

End of media option: ?

Save file: ? Name

Library: Name, *LIBL, *CURLIB

Optical file: ? Path name

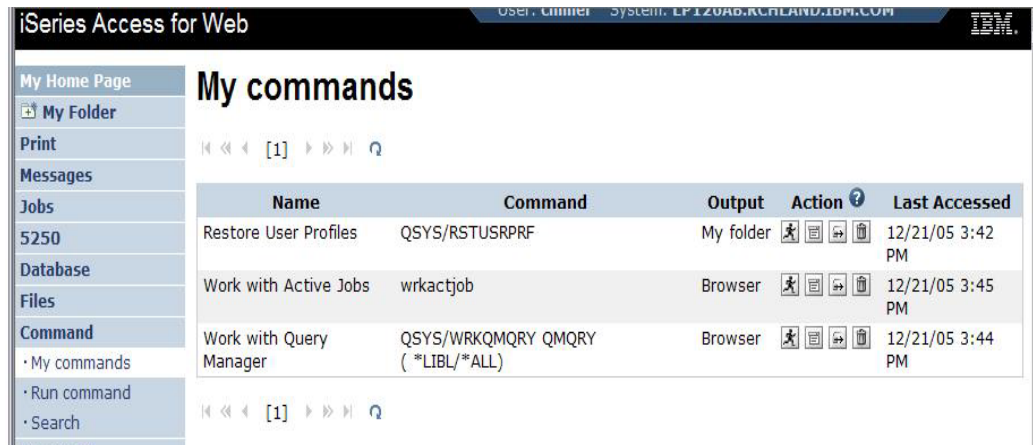
Output:









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



Name	Command	Output	Action	Last Accessed
Restore User Profiles	QSYS/RSTUSRPRF	My folder	  	12/21/05 3:42 PM
Work with Active Jobs	wrkactjob	Browser	  	12/21/05 3:45 PM
Work with Query Manager	QSYS/WRKQMORY QMORY (*LIBL/*ALL)	Browser	  	12/21/05 3:44 PM



Jobs / Server Jobs for end user

iSeries Access for Web User: cminer System: LP126AB.RCHLAN

My Home Page

My Folder

Print

Messages

Jobs

- Jobs
- Server jobs

5250

Database

Files

Command

Download

Customize

Other

Jobs for cminer

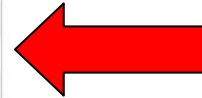
« « « [1] » » » 🔍

Job	Status	Type	Entered System	Action
CMINER2	Suspended	Interactive	12/21/05 11:38:41 AM	⏸️ 🗑️ 📄 📄
CMINER3	Suspended	Interactive	12/21/05 12:51:09 PM	⏸️ 🗑️ 📄 📄
CMINER4	Suspended	Interactive	12/21/05 12:52:14 PM	⏸️ 🗑️ 📄 📄
CMINER5	Suspended	Interactive	12/21/05 12:55:01 PM	⏸️ 🗑️ 📄 📄
CMINER6	Suspended	Interactive	12/21/05 1:39:01 PM	⏸️ 🗑️ 📄 📄

« « « [1] » » » 🔍

[Jobs preferences](#)
Customize job list preferences

- **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**



iSeries Access for Web User: cminer System: LP126AB.RCHLAN.IBM.COM IBM.

My Home Page

My Folder

Print

Messages

Jobs

- Jobs
- Server jobs

5250

Database

Files

Command

Download

Customize

Other

Server Jobs for cminer

« « « [1] » » » 🔍

Job	Detailed Status	Server	Action	Run Priority	Thread Count
QNPSESRVS	Waiting for time interval	Network Print Server	⏸️ 🗑️ 📄 📄	20	1
QZRCRSRVS	Waiting for time interval	Remote Command Server	⏸️ 🗑️ 📄 📄	20	1
QZRCRSRVS	Waiting for time interval	Remote Command Server	⏸️ 🗑️ 📄 📄	20	1
QZRCRSRVS	Running	Remote Command Server	⏸️ 🗑️ 📄 📄	20	1
QZSCSRVS	Waiting for time interval	Central Server	⏸️ 🗑️ 📄 📄	20	1
QZSCSRVS	Waiting for time interval	Central Server	⏸️ 🗑️ 📄 📄	20	1

« « « [1] » » » 🔍

Related Links:
· iSeries Access for Web

Messages

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

iSeries Access for Web

Messages

Access messages on your iSeries server with iSeries 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 iSeries Access for Web Sametime users.
- Send a break message to iSeries work stations.

[Operator messages](#)

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

[Message queues](#)

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

Message Queues

Message Queue	Description	Action
\$BEACH/BLDSTAT	BEACH Build Status message queue.	[icon]
\$BEACH/FAILURELOG	BEACH Build Failure message queue.	[icon]
\$BEACH/IMPORTLOG	BEACH Build Failure message queue.	[icon]
\$BEACH/RCVMSGQ	Receive message queue for BEACH	[icon]
\$BEACH/SUCCESSLOG	BEACH Build Success message queue.	[icon]
\$BLDJAVA/BLDJAVA		[icon]
\$BLDJAVA/FAILURELOG	BLDJAVA Build Failure message queue.	[icon]
\$BLDJAVA/IMPORTLOG	BLDJAVA Build Failure message queue.	[icon]
\$BLDJAVA/SUCCESSLOG	BLDJAVA Build Success message queue.	[icon]
\$BLDLAW/BLDSTAT	BLDLAW Build Status message queue.	[icon]
\$BLDLAW/FAILURELOG	BLDLAW Build Failure message queue.	[icon]
\$BLDLAW/IMPORTLOG	BLDLAW Build Failure message queue.	[icon]
\$BLDLAW/RCVMSGQ	Receive message queue for BLDLAW	[icon]
\$BLDLAW/SUCCESSLOG	BLDLAW Build Success message queue.	[icon]
\$BLDSHIP/BLDSTAT	BLDSHIP Build Status message queue.	[icon]
\$BLDSHIP/FAILURELOG	BLDSHIP Build Failure message queue.	[icon]
\$BLDSHIP/IMPORTLOG	BLDSHIP Build Failure message queue.	[icon]
\$BLDSHIP/RCVMSGQ	Receive message queue for BLDSDHIP	[icon]
\$BLDSHIP/SUCCESSLOG	BLDSHIP Build Success message queue.	[icon]
\$BLDTEST/BLDSTAT	BLDTEST Build Status message queue.	[icon]
\$BLDTEST/FAILURELOG	BLDTEST Build Failure message queue.	[icon]
\$BLDTEST/IMPORTLOG	BLDTEST Build Failure message queue.	[icon]
\$BLDTEST/RCVMSGQ	Receive message queue for BLDTEST	[icon]
\$BLDTEST/SUCCESSLOG	BLDTEST Build Success message queue.	[icon]

Send Message / Send Break Message

Send Messages

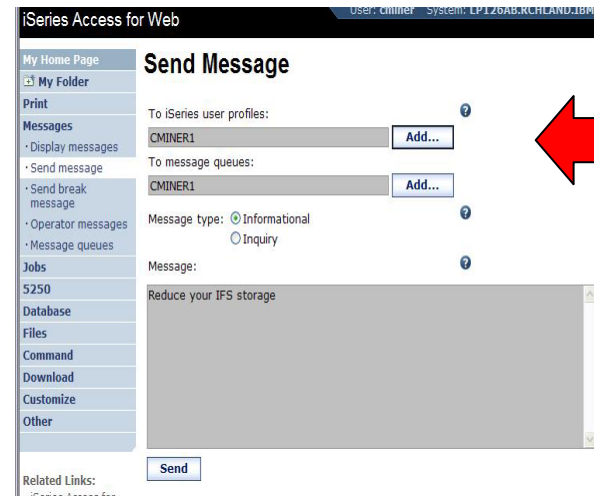
- Goes to user's 'Display Messages' queue

Send Break Message

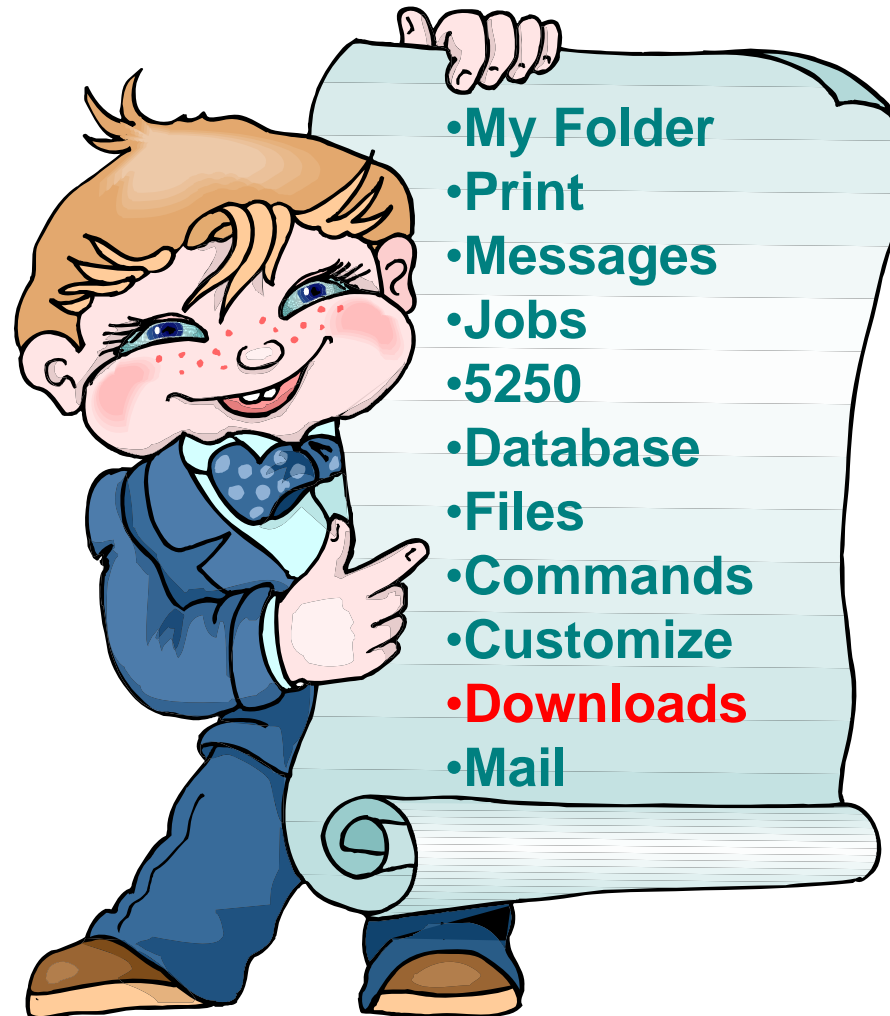
- Generates an instant message to Sametime users
- Sends a Break Message to **workstation** users (not iSeries Access for Web 5250 users → goes into QSYS/CMINER message queue)

Add Button

- Retrieves list of workstation and Sametime users on the server



Downloads (New in V5R3)



Downloads – for file/program distribution

http://<myiseries>/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

The screenshot shows the 'iSeries Access for Web' interface. The main content area is titled 'Downloads' and contains a table with the following data:

Name	Description	File	Size	Action
Down1cg		file.txt	20	
iSeries Access for Linux (PPC)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseries/access/linux/ .	iSeriesAccess-5.2.0-1.6.ppc.rpm	4,291,646	
Windows AFP Viewer Plug-in	The AFP Viewer plug-in lets you view AFP documents from a Web browser.	gnsp32dm.exe	9,997,972	

The interface also includes a left-hand navigation menu with options like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database', 'Files', 'Command', 'Download', 'Downloads', 'Create download', 'Customize', and 'Other'. The top of the browser window shows the URL 'http://www.ibm.com/eserver/iseries/access/linux/'.

Example of how you might use this function

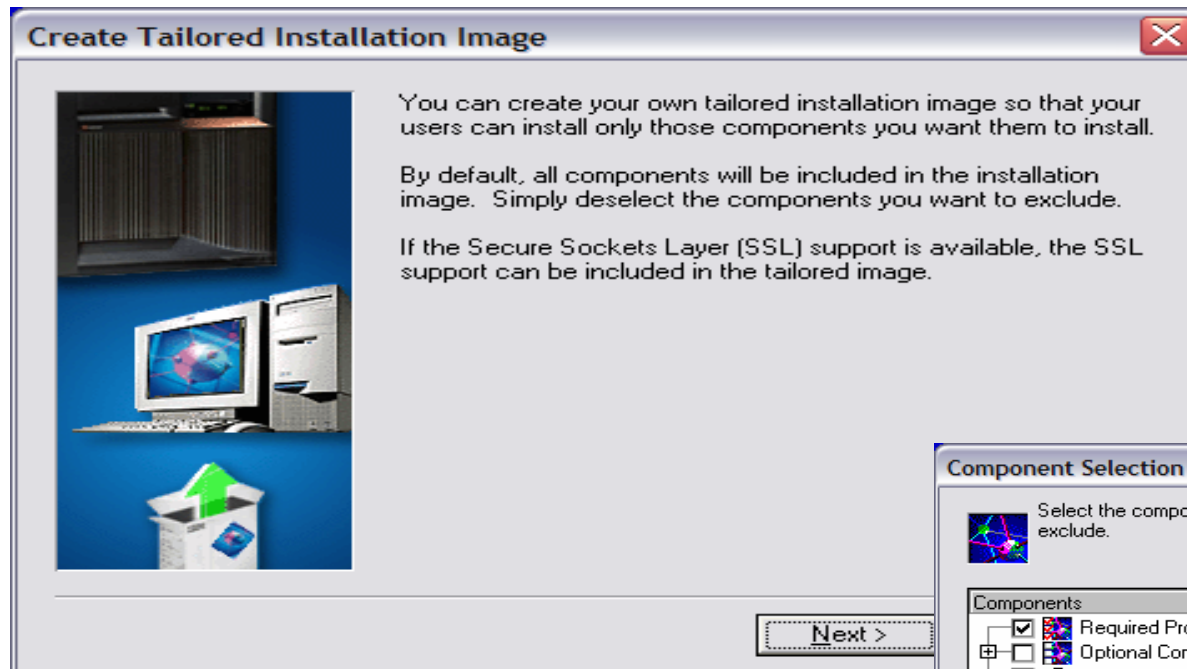
Scenario

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

Solution

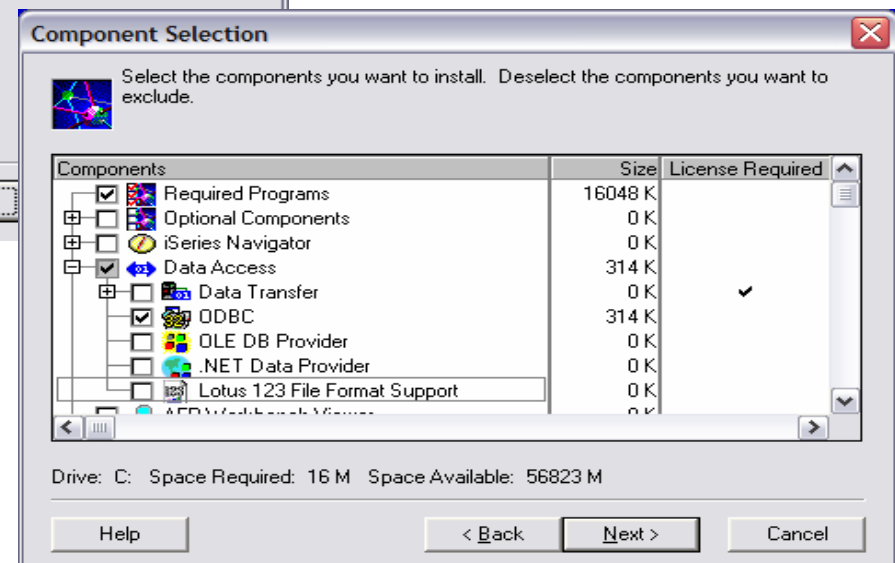
- Use System i Access for Windows to build an install image that contains only the ODBC drive
- Use System i Access for Web to enable users to install it on their PCs

Create Tailored Install Image of ODBC driver



**Use System i Access
for Windows
Tailored Install
wizard to capture
only the Windows
ODBC driver**

- Run CWBINIMG.BAT
 - This program is in
:\\<mysystemi>\qibm\ProdData
\CA400\Express\Instal\limage
- Then zip up the directory that gets created



Use the 'Create Download' feature

- Use Create Download to make a file available for distribution
- The file is copied to the server on which System i Access for Web is running
- After the download is created, it is added to the Downloads list.

The screenshot shows the 'iSeries Access for Web' interface. The top navigation bar includes 'User: dmlmer' and 'System: LP120AB.RCHLAND.IBM.COM'. A left-hand menu contains options like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. The main content area is titled 'Create Download' and contains a form with the following fields: 'Name' (ODBC Driver V5R4), 'Description' (ODBC Driver), and 'File' (Y:\ODBC V5R3.zip) with a 'Browse...' button. A 'Create Download' button is positioned below the form. Underneath, the 'Create Download Details' section contains two bullet points explaining the feature's functionality and access permissions.

Create Download

Name: ODBC Driver V5R4
Description: ODBC Driver
File: Y:\ODBC V5R3.zip Browse...

Create Download

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 action from the Downloads list and select the Manage Access link to make the download available to other users.

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

The screenshot shows the 'Downloads' section of the iSeries Access for Web interface. The table lists the following items:

Name	Description	File	Size	Action
Down1cg		file.txt	20	[Icons]
iSeries Access for Linux (PPC)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseserver/series/access/linux/ .	iSeriesAccess-5.2.0-1.6.ppc.rpm	4,291,646	[Icons]
ODBC Driver V5R4	ODBC Driver V5R4	ODBC V5R4.zip	15,133,129	[Icons]
Windows AFP Viewer Plug-in	The AFP Viewer plug-in lets you view AFP documents from a Web browser.	gnsp32dm.exe	9,997,072	[Icons]

A red arrow points to the 'Action' column for the 'ODBC Driver V5R4' entry.

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.

The screenshot shows the 'iSeries Access for Web' interface. On the left is a navigation menu with items: My Home Page, My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Downloads, Create download, Customize, and Other. The main content area is titled 'Work With Download' and displays the following information:

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

Below this information is an 'Action' section with the following options:

- [Edit name and description](#)
- [Update file](#)
- [Delete](#)
- [Manage access](#)

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

The screenshot displays the 'iSeries Access for Web' interface. The main window is titled 'Manage Access' and shows details for a file named 'ODBC Driver V5R4'. The file size is 15,133,129 bytes and it was last updated on 12/22/05 at 3:59:43 PM. The interface is divided into three sections: 'Allow Access', 'Deny Access', and 'Manage'. Each section contains a list of users and 'Add...' and 'Remove' buttons. A red arrow points from the 'Add...' button in the 'Allow Access' section to the 'Add User' dialog box. The 'Add User' dialog shows a list of users, including 'All users', 'AAA', 'ACBARRON', 'ACN', 'ACNTEST', 'ADSECAD', 'ADSIERRA', 'ADUSER', 'ADUSER2', 'AGALINDO', 'AHANSON', 'AHOMIKE', 'AITANA', 'AJSLOMA', and 'ALICIAM'. The 'OK' and 'Cancel' buttons are visible at the bottom of the dialog.

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**

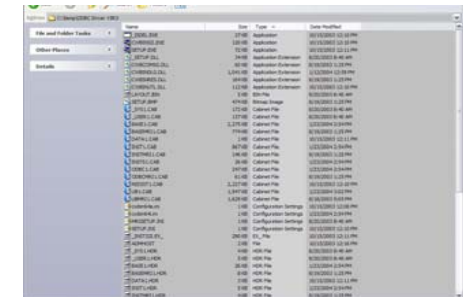
iSeries Access for Web

My Home Page
Print
5250
Files
Download
• Downloads

Downloads

Name	Description	File	Size	Action
ODBC Driver V5R4	ODBC Driver V5R4	ODBC V5R4.zip	15,133,129	

Related Links:
• iSeries Access for



Summary



V5R4 System i Access for Web Enhancements

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

Who will benefit from System i Access for Web

- Any System i customer -- with any hardware model - can quickly get started working in a Web environment with nothing additional to buy
 - Use Integrated Web Application Server, use WAS Enablement Feature (V5R4), use WAS Express, or ASF Tomcat
- Any System i customer -- with little Web experience - can easily get started working in a Web environment
 - Easy to install and configure, no programming skills required
- Any System i customer – easy to manage/maintain, no end user training, can extend the power of System i resources to your users
 - All built around i5/OS user profiles
 - Easy to use GUIs for desktop users
 - Uses standard HTML, uses existing HTTP/HTTPS ports

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

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