



**iSeries Access for Web:
What an Administrator Needs to Know**

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Agenda

- Overview

- iSeries Access for Web Runtime Considerations
 - Use of policies
 - Customizing the home page/template files

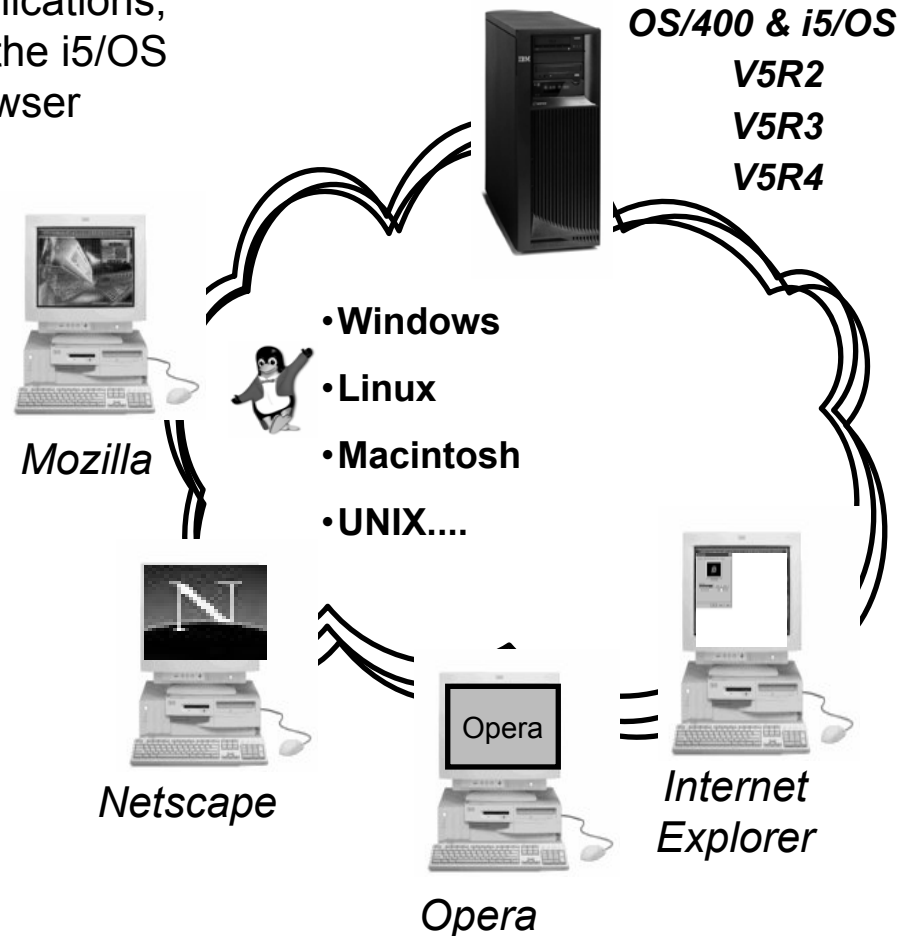
- iSeries Access for Web Environment Security Considerations
 - SSL and VPN
 - Authentication security options
 - Servlets and Portlets – how are they different?

Overview

What is iSeries Access for Web?

End users can leverage business information, applications, and resources across an enterprise by extending the i5/OS resources to the client desktop through a web browser

- Provides access to i5/OS 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



Try out iSeries 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 = WACUST</p> <p>Password = demo2pwd</p>	<p>This shows the basic look of iSeries 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 the iSeries, 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>

Send email to: LLHIRSCH@us.ibm.com to reset the user profiles on iseriesd.dfw.ibm.com if either one gets disabled.

iSeries Access for Web Runtime Considerations

Controlling Access

3 methods to control access using iSeries Access for Web

- **Administration Policies**

- Administrators can use the Customize function to set policies for users and groups of users.

- **User Preferences**

- Users can set their own Preferences for things like
 - What tabs are available in the navigation bar
 - How to view output (default rows/columns per page)
 - How to filter output

- **Customize the Home page and template files**

- Administrators can use the Customize function to replace the default iSeries Access for Web home page with their own home page.
- Administrators can use the Customize function to replace the default template that defines the layout, look, and feel of iSeries Access for Web pages
- Style sheets - The look of the iSeries Access for Web page content is now controlled by external style sheets.

Controlling access

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

Homepage

File Edit View Go Bookmarks Tools Help

http://mySeries.myCompany.com/webaccess/iWAHome

User: dlb

iSeries Access for Web

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

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 web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

Key Capabilities

iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

- Browser access to existing 5250 applications without requiring code changes.

Rochester information

- City information
- Movies
- Mayo Clinic

Rochester weather

2:22

- SkyCam

Rochester news

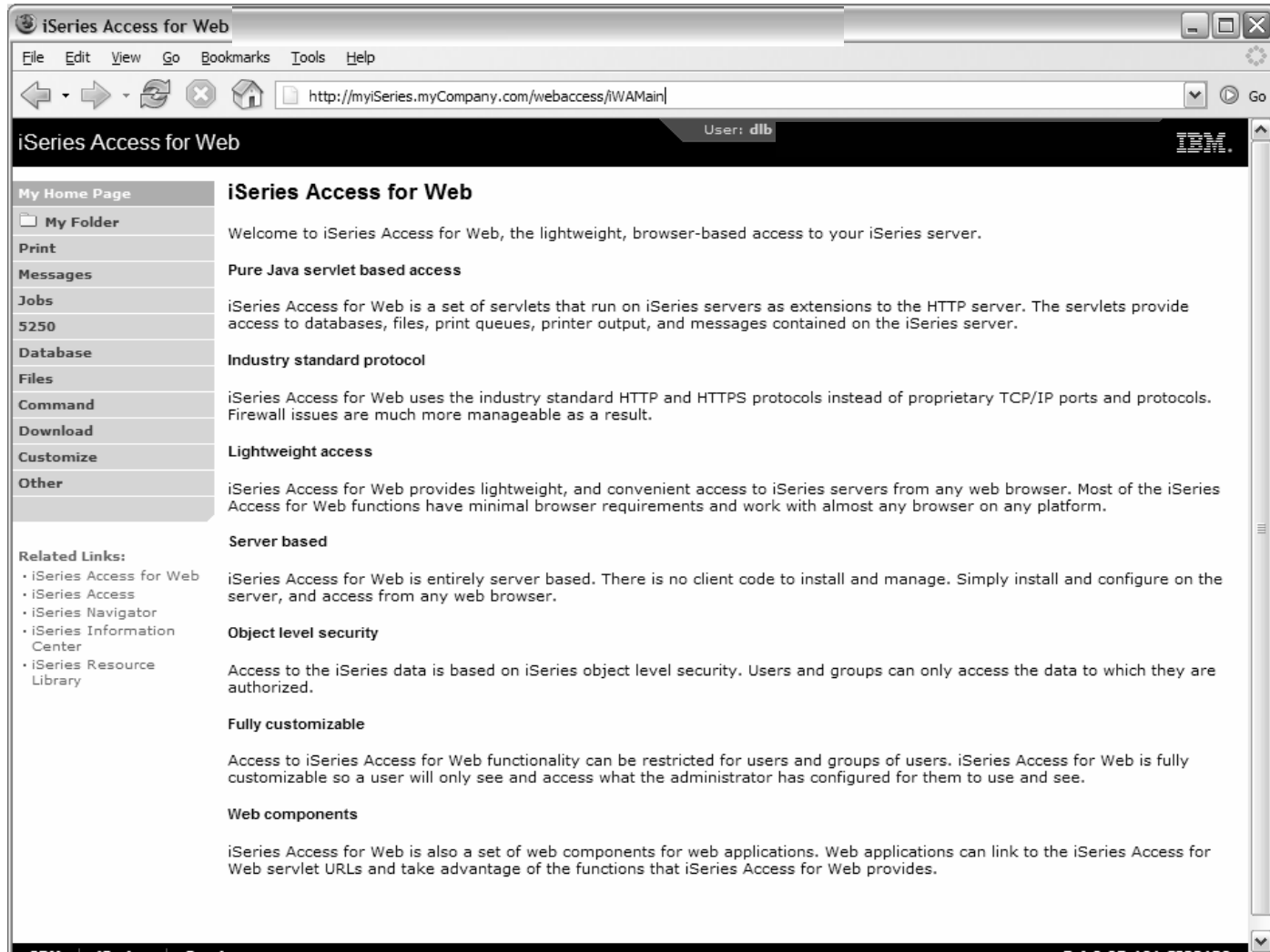
- Post-Bulletin online
- KTTC

Telephone directory

- Find a person
- Find a business

Controlling access

Main Page = `http://<myiseries>:<port>/webaccess/iWAMain`



The screenshot shows a web browser window titled "iSeries Access for Web". The address bar contains the URL "http://myiSeries.myCompany.com/webaccess/iWAMain". The browser's menu bar includes "File", "Edit", "View", "Go", "Bookmarks", "Tools", and "Help". The page content is organized into a sidebar and a main area. The sidebar, titled "My Home Page", lists various functions: My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Customize, and Other. Below this is a "Related Links" section with a list of links: iSeries Access for Web, iSeries Access, iSeries Navigator, iSeries Information Center, and iSeries Resource Library. The main content area, titled "iSeries Access for Web", features a welcome message and several sections: "Pure Java servlet based access", "Industry standard protocol", "Lightweight access", "Server based", "Object level security", "Fully customizable", and "Web components". Each section provides a brief description of the feature or protocol.

iSeries Access for Web

Welcome to iSeries Access for Web, the lightweight, browser-based access to your iSeries server.

Pure Java servlet based access

iSeries Access for Web is a set of servlets that run on iSeries servers as extensions to the HTTP server. The servlets provide access to databases, files, print queues, printer output, and messages contained on the iSeries server.

Industry standard protocol

iSeries Access for Web uses the industry standard HTTP and HTTPS protocols instead of proprietary TCP/IP ports and protocols. Firewall issues are much more manageable as a result.

Lightweight access

iSeries Access for Web provides lightweight, and convenient access to iSeries servers from any web browser. Most of the iSeries Access for Web functions have minimal browser requirements and work with almost any browser on any platform.

Server based

iSeries Access for Web is entirely server based. There is no client code to install and manage. Simply install and configure on the server, and access from any web browser.

Object level security

Access to the iSeries data is based on iSeries object level security. Users and groups can only access the data to which they are authorized.

Fully customizable

Access to iSeries Access for Web functionality can be restricted for users and groups of users. iSeries Access for Web is fully customizable so a user will only see and access what the administrator has configured for them to use and see.

Web components

iSeries Access for Web is also a set of web components for web applications. Web applications can link to the iSeries Access for Web servlet URLs and take advantage of the functions that iSeries Access for Web provides.

Controlling access

Product functionality



iSeries Access for Web Database

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWAMain?tab=database

User: dlb

Database

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

My Home Page

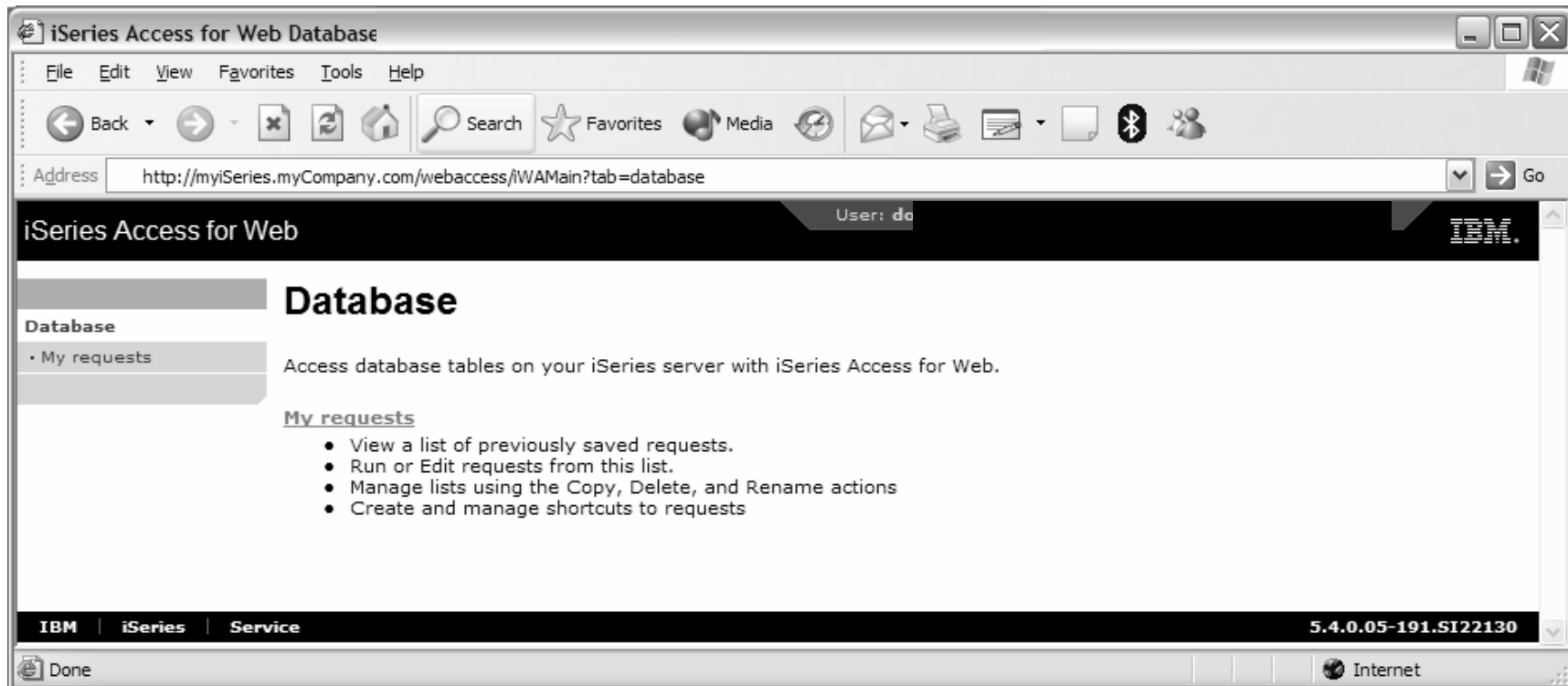
- My Folder
- Print
- Messages
- Jobs
- 5250
- Database**
 - Tables
 - My requests
 - Run SQL
 - Copy data to table
 - Import request
 - Import query
 - Extract server data
- Files
- Command
- Download
- Customize
- Other

Related Links:

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

Controlling access

Sample for a user that only performs preset database queries



iSeries Access for Web Database

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Refresh Mail Print Send To Bluetooth People

Address <http://myiSeries.myCompany.com/webaccess/iWAMain?tab=database> Go

iSeries Access for Web User: do IBM

Database

Database

- My requests

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

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

IBM | iSeries | Service 5.4.0.05-191.SI22130

Done Internet

Controlling Access: Setting policies for users and groups of users

Controlling User Access

My Home Page
My Folder
Print
Messages
Jobs
5250
Database
Files
Command
Download
Customize
Other

- Customize policies for users and groups to
 - Allow/Deny functions users can access
 - Limit the information users can see
- Use group profiles to simplify policy management
 - Manage policies for group profiles
 - Add/remove users from groups
- When a function is restricted, access to the servlet is restricted
- You need *SECADM authority to customize profiles

Notes: Controlling Access - How & Whom?

- The Customize function allows administrators to set policies for users and groups of users.
- These policies control...
 - Functions a user can perform.
 - How certain information is presented to the user.
- When a function is restricted...
 - Its navigation bar content is removed.
 - Access to the servlet is restricted.
 - It takes effect immediately.
- Administrators with *SECADM special authority are automatically authorized to administer settings for users and groups of users to which they have authority.
- These administrators can then grant other user profiles permission to administer iSeries Access for Web functions.

Controlling User Access

- iSeries Access for Web ships with default policy settings
- Default allows most functions to be available to all users
- Use *PUBLIC to set policies for all users
- Strategy:
 - Grant an administrator profile access to all functions
 - Deny access to all functions to *PUBLIC
 - Then allow specific users/groups access to specific functions

iSeries Access for Web User: cminer System: RCHLAND.IBM.COM

Policies
Profile: *PUBLIC

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

[View all policies](#)

View of the Policies page

Notes: Controlling Access - Strategies

- iSeries Access for Web ships with a set of default policy settings. The default policy settings allow most of the iSeries Access for Web functions to be available for all users. Without any customization, users accessing iSeries Access for Web could begin using most of the available functions.
- As an administrator of this product, you may not want your users to be able to access all of these functions. It is the responsibility of an administrator to restrict functions they do not want their users to be able to access.
- One of the quickest strategies that can be deployed to restrict a function from all users is to use the Customize Group Profiles function and customize the *PUBLIC group profile.
- This group profile is defined such that every user is a member of this group. So, for example, if you were to customize the *PUBLIC profile and set the "Browse files" and "File shares" file functions to "Deny", you would restrict file system access from this product for all users.
- If some of your users required access to this function, you could specifically customize their user profiles and set this function back to "Allow". In this way, only users that have been specifically allowed access will be able to use that function, all others would not have access.
- It should be noted that the *PUBLIC group profile includes the administrator user ID that is used to customize other group and user profiles. If you were to deny functions for *PUBLIC, this would affect the administrator user profile. As you customize iSeries Access for Web for *PUBLIC, you may want to consider specifically allowing your administrator user profile to have access so that it is not locked out of iSeries Access for Web functions.

Controlling Access - Setting policies (continued)

The screenshot displays the 'Policies' page in the iSeries Access for Web interface. The browser window title is 'Policies |' and the address bar shows 'http://myiSeries.myCompany.com/webaccess/WACustomizeList?action=select'. The user is logged in as 'User: dlb'. The page layout includes a left-hand navigation menu with categories like 'My Home Page', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. The 'Policies' link under the 'Customize' section is highlighted with a grey arrow. The main content area is titled 'Policies' and contains the following elements:

- A heading 'Policies' followed by the instruction: 'Specify the profile you want to edit.'
- A 'Profile:' text input field and a 'Browse...' button.
- An 'Edit Policies' button.
- A horizontal separator line.
- Four links with corresponding descriptions:
 - [User profiles](#): Work with the user profiles you are authorized to customize.
 - [Group profiles](#): Work with the group profiles you are authorized to customize.
 - [Import policies](#): Import policies from a file into iSeries Access for Web.
 - [Export policies](#): Export policies from iSeries Access for Web to a file.
- [Policies help](#): View help for working with policies.

At the bottom of the page, there is a footer with 'IBM | iSeries | Service' on the left and the version number '5.4.0.05-191.SI22130' on the right.

Controlling Access - Setting policies (continued)

Policies - User Profiles

Profile filter: [Filter List](#)

Filter by: Profile Description

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

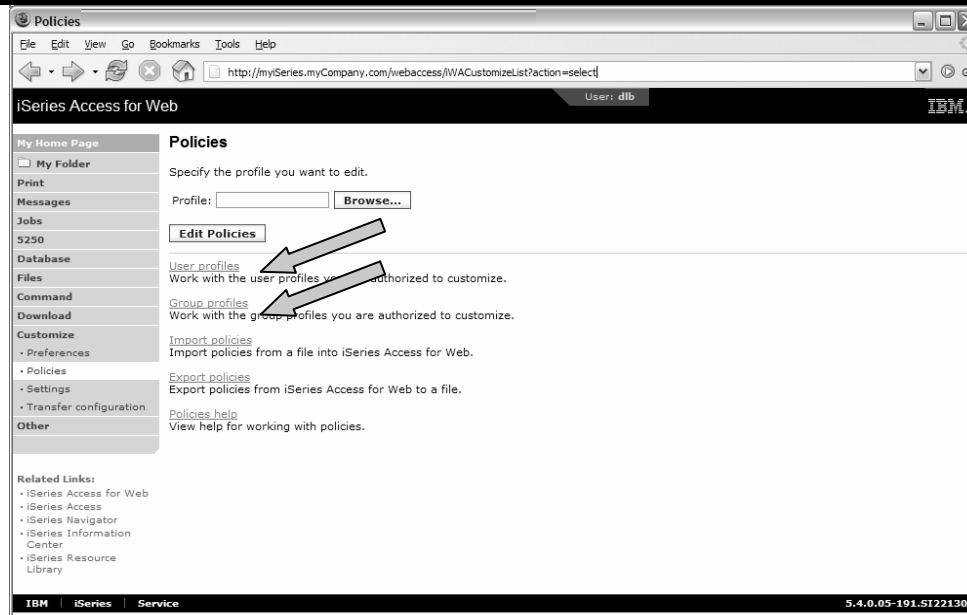
Profile	Description	Action
ACBARRON	Alma Carolina Barron Perez - GDL T/L 877-5656	[Edit] [View] [Refresh]
ACN	Ali Nelson 3-6874	[Edit] [View] [Refresh]
ADSIERRA	Alma Delia Sierra/Mexico/Contr/IBM@IBMMX	[Edit] [View] [Refresh] [Group]
AGUEDA	Agueda Martinez Hernandez Magro/Mexico/IBM@IBMMX	[Edit] [View] [Refresh]
AHANSON	Andrew Hanson 3-5571	[Edit] [View] [Refresh]
AHOMIKE	Mike Aho/Rochester/IBM@IBMUS	[Edit] [View] [Refresh]
ALEJ	Alejandro Bascuas/Rochester/IBM@IBMUS	[Edit] [View] [Refresh]
ALICIAM	Alicia Martinez Cruz/Mexico/Contr/IBM@IBMMX	[Edit] [View] [Refresh] [Group]
ALITEST		[Edit] [View] [Refresh]
ANDREWS	Greg Andrews/Rochester/IBM@IBMUS	[Edit] [View] [Refresh]
ANTARES	'Elias Ricardo Castellanos/Mexico/Contr/IBM@IBMMX	[Edit] [View] [Refresh]
ARABIC	Gilberto Martinez Cortes/Mexico/Contr/IBM@IBMMX	[Edit] [View] [Refresh]
ATCLARK	Adam Clark, 3-3941	[Edit] [View] [Refresh]
ATOMKO	Ana Tomko Sanchez/Mexico/Contr/IBM@IBMMX	[Edit] [View] [Refresh]
BAZEY	John Bazey (3-7108)	[Edit] [View] [Refresh]
BEACH	Mark Beach/Rochester/IBM@IBMUS	[Edit] [View] [Refresh]
BECKYD	Rebecca K Dimock/Boulder/IBM@IBMUS	[Edit] [View] [Refresh]

Actions:
 Edit policies
 View all policies
 View group members
 Copy policies
 Reset policies

Controlling Access - Setting policies

Administrator actions on user & group profiles

Action	Description
Edit	This action is always available. Use this option to create or modify policy settings for the specified user or group profile.
View all policies	Select this action to view all of the policy settings currently being used for the profile.
View group membership	Select this action to display the Group Membership page that lists the group and supplemental group profiles (by name) the user profile has been assigned membership.
View group members	Select this action to display the Group Membership page that lists the user profiles (by name) that are currently members of the group profile.
Copy	This action is only available when the user or group profile currently has specific policy settings. It allows you to copy all of the policy settings from this profile to one or more other profiles.
Reset	This action is only available when the user or group profile currently has policy settings. It allows you to remove all of the policy settings specific to this profile.



Controlling Access - Setting policies (continued)

Edit Policies - Database

Profile: DLB

Policy	Derived From ?	Action ?	Setting
Database access	Shipped default	Use current setting ▼	Allow ▼
Database tab	Shipped default	Use current setting ▼	Show ▼
Tables	Shipped default	Use current setting ▼	Allow ▼
Maximum table rows	Shipped default	Use current setting ▼	500 ▼
Table filter	Shipped default	Use current setting ▼	*USRLIBL
Table filter is user preference	Shipped default	Use current setting ▼	Allow ▼
Insert records into table	Shipped default	Use current setting ▼	Allow ▼
Insert record columns	Shipped default	Use current setting ▼	Columns...
Update records in table	Shipped default	Use current setting ▼	Allow ▼
Update record columns	Shipped default	Use current setting ▼	Columns...
Quick view table records	Shipped default	Use current setting ▼	Allow ▼
Maximum quick view rows	Shipped default	Use current setting ▼	1000 ▼
Order	Shipped default	Use current setting ▼	No ▼

Controlling Access - Setting policies (continued)

Administrator Action on each policy setting

Action	Description
Use current setting	This is the default action that is pre-selected. If the setting is not modified, no action is performed. If the setting is modified, it will be added to the user or group profile record in the iSeries Access for Web policies file.
Apply setting to profile	Select this action to add the current setting to the user or group profile record in the iSeries Access for Web policies file. The setting will be written to the user or group profile record, even if it was not modified. You would use this action to ensure the user or group profile gets this setting. This is because a different policy setting may be used based on the user profile being a member of one or more i5/OS group profiles.
Reset to default	Select this action to remove the setting from the user or group profile record in the iSeries Access for Web policies file. This option is only available if the user or group profile record currently contains a specific setting for this policy.

Controlling Access - Setting policies (continued)

The "Derived From" column (displayed when editing policy and preference settings) indicates where the policy setting that will be used for this user profile was found.

Action	Description
Profile setting	Indicates the setting is currently specific to the profile being customized. The setting had previously been applied to this profile.
Group – (groupName)	Indicates the setting is not specific to the profile being customized, but is being derived from the specified i5/OS group profile and the user is a member of this group.
*PUBLIC setting	Indicates the setting is not specific to the profile being customized. No setting was found in any i5/OS group profile memberships. The setting is being derived from the *PUBLIC group settings. This is a special group profile available to iSeries Access for Web administrators. All user profiles are automatically members of this special group profile. Administrators can modify this group profile to easily apply settings to all iSeries Access for Web users.
Shipped default	Indicates the setting is not specific to the profile being customized, no setting was found in any i5/OS group profile memberships, or the special *PUBLIC group profile. The setting is being derived from a shipped default value.
Parent policy	Indicates the function is a sub-function of a higher level category, and its policy setting is being controlled by a top level policy setting. For example, Tables is a sub-function of Database. If Database is restricted, Tables will be restricted as well and would show its being controlled by a parent policy.

Example: Simple Database User

- The following screen shots step through setting the policies so a specific user only has the ability to run preconfigured database queries to generate reports.
- This example shows
 - the “Before” picture of what DB functions a user can perform with no customization of iSeries Access for Web
 - the specific database policies to set to restrict our user named REPORT_MAN
 - what general policies need to be set to restrict use of non-DB related functions by REPORT_MAN
 - The “After” picture of what REPORT_MAN can do
- When the policy is set, it takes effect immediately.

Example: Simple Database User - Before

Accessing the Database tab of iSeries Access for Web as user REPORT_MAN

The screenshot displays a web browser window titled "iSeries Access for Web Database". The address bar shows the URL "http://mySeries.myCompany.com/webaccess/iWAMain?tab=database". The browser's user interface includes a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar with navigation and utility icons. The page content is organized into a sidebar on the left and a main content area on the right. The sidebar contains links for "My Home Page", "My Folder", "Print", "Messages", "Jobs", "5250", "Database", "Files", "Command", "Download", "Customize", and "Other". The main content area is titled "Database" and provides instructions on how to access database tables. It includes sections for "Tables", "My requests", "Run SQL", and "Copy data to table", each with a list of actions. A grey arrow points to the "User: report_man" text in the top navigation bar.

Database

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

Example: Simple Database User - Policies

- Policies - the starting point for customization of a specific user or group.
- This is a new browser session, where we signed on as an administrator.

The screenshot displays a web browser window titled "Policies" with the address bar showing the URL `http://myiSeries.myCompany.com/webaccess/iWACustomizeList`. The user is identified as "dlb". The page content is titled "Policies" and instructs the user to "Specify the profile you want to edit." A form field contains the text "Profile: REPORT_MAN" followed by a "Browse..." button. Below this is an "Edit Policies" button. The page also features a left sidebar with various navigation options and a footer with the IBM logo and version information "5.4.0.05-191.SI22130".

Example: Simple Database User - Categories

- Determine which categories need to be restricted/modified.

The screenshot shows the 'Policies' page in a web browser. The browser address bar shows the URL: `http://myiSeries.myCompany.com/webaccess/iWACustomize?profile=REPORT_MAN`. The page title is 'iSeries Access for Web' and the user is 'dlb'. The 'Policies' section is active, showing a table of policies for the 'REPORT' profile. A large grey arrow points from the 'Policies' header to the 'Category' column of the table.

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

Below the table, there are links for 'View all policies' and 'View group membership'. The 'Policies help' link is at the bottom.

Example: Simple Database User – Other

- Turn off the other non-Database functions. Set top level to Deny.
- Repeat for each category, other than Database

Policy	Derived From ?	Action ?	Setting
5250 access	Shipped default	Use current setting	Allow
5250 tab	Shipped default	Use current setting	Allow
Start non-configured sessions	Shipped default	Use current setting	Allow
Prompt when starting non-configured sessions	Shipped default	Use current setting	Yes
Show server name in title	Shipped default	Use current setting	Yes
Show configured session name in title	Shipped default	Use current setting	No
Maximum active sessions	Shipped default	Use current setting	No maximum
Inactive session timeout	Shipped default	Use current setting	24 hours
Active sessions list columns	Shipped default	Use current setting	Columns...
Configured session to use for defaults	Shipped default	Use current setting	User defaults
Save settings as user defaults	Shipped default	Use current setting	Allow
Load settings from user defaults	Shipped default	Use current setting	Allow
Load settings from shipped defaults	Shipped default	Use current setting	Allow
Switch between Web/Traditional views	Shipped default	Use current setting	Allow
Edit active session settings	Shipped default	Use current setting	Allow
Bypass signon	Shipped default	Use current setting	Allow

Example: Simple Database User

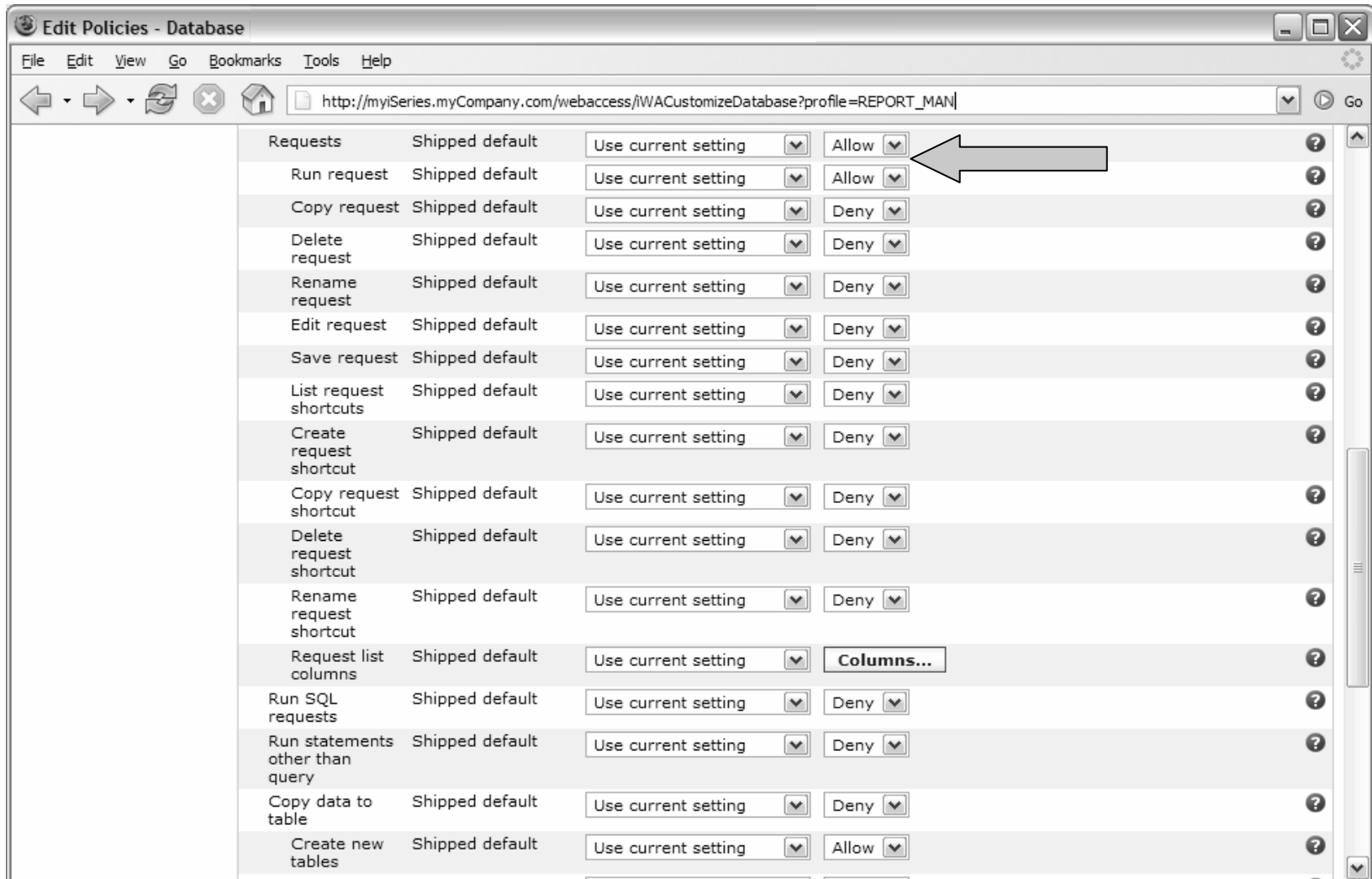
- Allow access to Database function.
- Set Tables policy to Deny.

Profile: REPORT_MAN

Policy	Derived From	Action	Setting
Database access	Shipped default	Use current setting	Allow
Database tab	Shipped default	Use current setting	Show
Tables	Profile setting	Use current setting	Allow Deny
Maximum table rows	Shipped default	Use current setting	Allow Deny
Table filter	Shipped default	Use current setting	*USRLIBL
Table filter is user preference	Shipped default	Use current setting	Allow
Insert records into table	Shipped default	Use current setting	Allow
Insert record columns	Shipped default	Use current setting	Columns...
Update records in table	Shipped default	Use current setting	Allow
Update record columns	Shipped default	Use current setting	Columns...
Quick view table records	Shipped default	Use current setting	Allow
Maximum quick view rows	Shipped default	Use current setting	1000
Order	Shipped default	Use current setting	No

Example: Simple Database User

- Only allow the user the ability to run a saved DB request (Run request)



The screenshot shows a web browser window titled "Edit Policies - Database" with a menu bar (File, Edit, View, Go, Bookmarks, Tools, Help) and a toolbar. The address bar shows the URL: `http://mySeries.myCompany.com/webaccess/iWACustomizeDatabase?profile=REPORT_MAN`. The main content is a table with columns for Request, Shipped default, Use current setting, Permissions, and a help icon. The "Run request" row is highlighted, and an arrow points to the "Allow" dropdown menu in the "Permissions" column.

Requests	Shipped default	Use current setting	Permissions	?
Run request	Shipped default	Use current setting	Allow	?
Copy request	Shipped default	Use current setting	Deny	?
Delete request	Shipped default	Use current setting	Deny	?
Rename request	Shipped default	Use current setting	Deny	?
Edit request	Shipped default	Use current setting	Deny	?
Save request	Shipped default	Use current setting	Deny	?
List request shortcuts	Shipped default	Use current setting	Deny	?
Create request shortcut	Shipped default	Use current setting	Deny	?
Copy request shortcut	Shipped default	Use current setting	Deny	?
Delete request shortcut	Shipped default	Use current setting	Deny	?
Rename request shortcut	Shipped default	Use current setting	Deny	?
Request list columns	Shipped default	Use current setting	Columns...	?
Run SQL requests	Shipped default	Use current setting	Deny	?
Run statements other than query	Shipped default	Use current setting	Deny	?
Copy data to table	Shipped default	Use current setting	Deny	?
Create new tables	Shipped default	Use current setting	Allow	?

Example: Simple Database User

- Turn off the ability to perform the remaining database functions
- Save the changes

The screenshot shows the 'Edit Policies - Database' window. The browser address bar displays the URL: `http://myiSeries.myCompany.com/webaccess/IWACustomizeDatabase?profile=REPORT_MAN`. The table below lists various database policies and their current settings:

Policy Name	Current Setting	Available Settings
Request list columns	Shipped default	Use current setting, Columns...
Run SQL requests	Shipped default	Use current setting, Deny
Run statements other than query	Shipped default	Use current setting, Deny
Copy data to table	Shipped default	Use current setting, Deny
Create new tables	Shipped default	Use current setting, Allow
Append data to tables	Shipped default	Use current setting, Allow
Replace data in tables	Shipped default	Use current setting, Allow
Import request	Shipped default	Use current setting, Deny
Import query	Shipped default	Use current setting, Deny
Extract server object data	Shipped default	Use current setting, Deny
Default connection	Shipped default	Use current setting, IBM Toolbox for Java
Default connection is user preference	Shipped default	Use current setting, Deny
Add IBM Toolbox for Java to connection list	Shipped default	Use current setting, Deny

At the bottom of the table area, there are three buttons: **Save**, **Cancel**, and **Apply**. A large grey arrow points to the **Save** button. Below the buttons, there is a link for [Policies help](#) and the text 'View help for editing policies.'

The footer of the window displays: IBM | iSeries | Service | 5.4.0.05-191.SI22130

Example: Simple Database User - Completion

- The user can now only run the DB queries they have been given.

The screenshot shows a web browser window titled 'My Requests'. The address bar contains the URL: `http://myiSeries.myCompany.com/webaccess/WADbRequests?page=1`. The browser's status bar at the bottom indicates 'Done' and 'Internet'. The main content area displays 'iSeries Access for Web' with the user 'report_man' identified. Below this, there is a section titled 'My Requests' with a table of database requests.

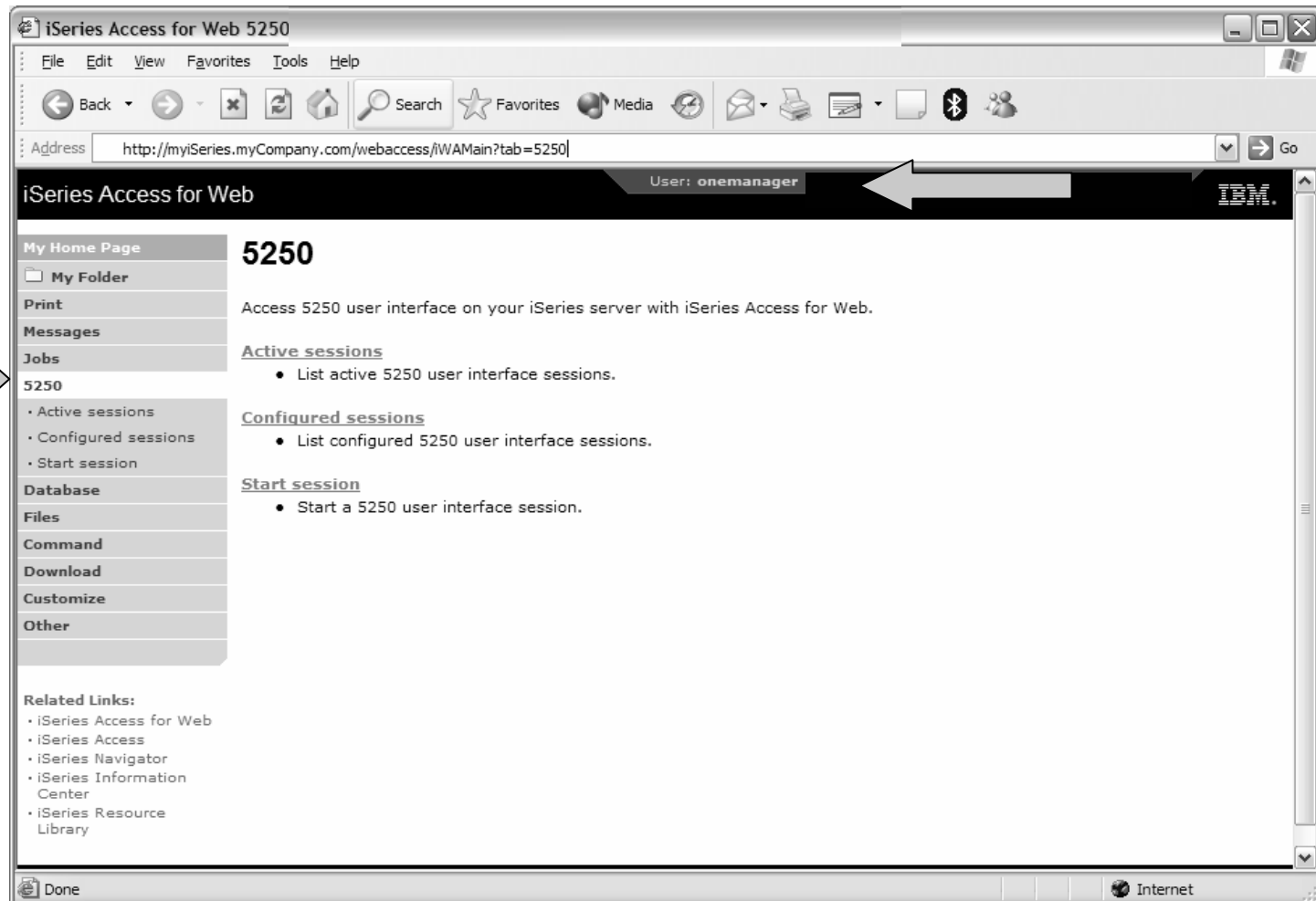
Request	Description	Action ?	Shortcut	Created By	Access
Accounts receivable	Who owes us money		Yes	dlb	report_man
Find employee record			Yes	dlb	*PUBLIC
Low inventory	Items below inventory threshold		Yes	dlb	report_man
Weekly production	Production numbers for the week		Yes	dlb	report_man

Example: 5250 Access

- The following screen shots step through setting up the items necessary to allow a group of users to use a single pre-configured 5250 session.
- In this example, ONEMANAGER is one of the user profiles in the MANAGERS group.
- This example shows
 - Creating a 5250 session and 5250 session shortcut to be used by the management team
 - Making the 5250 session shortcut the session used by the MANAGERS group profile.
 - Restricting access to other functions in iSeries Access for Web.
- When the policy is set, it takes effect immediately.

Example: 5250 Access - Before

- Access the 5250 tab iSeries Access for Web Main page as user ONEMANAGER.



Example: 5250 Access - Policies

- Policies - the starting point for customization of a specific user or group.
- This is a new browser session, where we signed on as an administrator.

The screenshot displays a web browser window titled "Policies" with the URL `http://myiSeries.myCompany.com/webaccess/iWACustomizeList`. The user is identified as "User: dlb". The page content includes a sidebar with navigation options like "My Home Page", "My Folder", "Print", "Messages", "Jobs", "5250", "Database", "Files", "Command", "Download", "Customize", and "Other". The main content area is titled "Policies" and contains the instruction "Specify the profile you want to edit." followed by a form with a "Profile:" label, a text input field containing "MANAGERS", and a "Browse..." button. Below this is an "Edit Policies" button. Further down, there are links for "User profiles", "Group profiles", "Import policies", "Export policies", and "Policies help". The footer of the page shows "IBM | iSeries | Service" and the version number "5.4.0.05-191.SI22130".

Example: 5250 Access - Categories

- Determine which categories need to be restricted/modified.

The screenshot shows the 'Policies' page in a web browser. The browser address bar shows the URL: `http://myiSeries.myCompany.com/webaccess/iWACustomize?profile=MANAGERS`. The user is identified as 'dib'. The page title is 'iSeries Access for Web'. The main content area is titled 'Policies' and shows the profile 'MANAGER'. A table lists various actions and their access settings for different categories. A large grey arrow points from the 'Policies' header to the '5250' category in the table.

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

Below the table, there are two links:

- [View all policies](#)
View current policy settings for all categories.
- [View group members](#)
View current members of this group profile.

At the bottom, there is a link for [Policies help](#).

Example: 5250 Access – Other

- Turn off the other non-5250 functions. Set top level to Deny.
- Repeat for each category that should be restricted for the MANAGERS group.

The screenshot shows the 'Edit Policies - Command' web interface. The browser address bar indicates the URL: `http://mySeries.myCompany.com/webaccess/WACustomizeCommand?retURL=http%3a%2f%2fip016ab.rchland.ibm.com%3a2016%2fweb`. The user is identified as 'dlb'. The page title is 'iSeries Access for Web'.

The main content area is titled 'Edit Policies - Command' and shows the profile 'MANAGERS'. Below this is a table of policies:

Policy	Derived From	Action	Setting
Command access	Profile setting	Use current setting	Allow (Deny selected)
Command tab	Shipped default	Use current setting	Allow
My commands	Shipped default	Use current setting	Allow
Prompt commands	Shipped default	Use current setting	Allow
Retrieve commands	Shipped default	Use current setting	Allow
Delete commands	Shipped default	Use current setting	Allow
Maximum commands user can save	Shipped default	Use current setting	No maximum
My commands list columns	Shipped default	Use current setting	Columns...
My commands sort column	Shipped default	Use current setting	Name
My commands sort order	Shipped default	Use current setting	Ascending
Maximum characters to display in Command column	Shipped default	Use current setting	No maximum
Run commands	Shipped default	Use current setting	Allow
Number of previous commands remembered	Shipped default	Use current setting	20
Search for commands	Shipped default	Use current setting	Allow
Default search library	Shipped default	Use current setting	*LIBL
Search for commands by	Shipped default	Use current setting	Command name

At the bottom of the interface are buttons for 'Save', 'Cancel', and 'Apply'.

Example: 5250 Access – Functional Setup

- The administrator goes to the Configured Sessions link on the 5250 tab. Select the “Configure new session” link.

Configured Sessions

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWAConfiguredSessions

iSeries Access for Web User: dlb

Configured Sessions

Session	Server	Action ?	Shortcut	Created By	Access
		Configure new session Configure a new session.			
		Shortcuts to sessions you configured Display a list of shortcuts to sessions you configured. Shortcuts can be deleted from this list.			
		Active sessions Work with your active sessions.			
		Start session Start a new session.			
		My macros Work with your macros.			
		My keypads Work with your keypads.			
		5250 user interface help View help for working with configured sessions.			

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
 - Active sessions
 - Configured sessions
 - Start session
- Database
- Files
- Command
- Download
- Customize
- Other

Related Links:

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

IBM | iSeries | Service 5.4.0.05-191.SI22130

Example: 5250 Access – Functional Setup

- The administrator configures the 5250 session settings to be used by the managers.
- Settings include the server to connect to, color schemes, and many other options.

Configure New Session

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/WAConfigSession|

User: dlb

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
 - Active sessions
 - Configured sessions
 - Start session
- Database
- Files
- Command
- Download
- Customize
- Other

Related Links:

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

Configure New Session

General

Session: ?

Default view: ▼

Initial macro: ▼

Bypass signon

Display HTML data in fields

Enable advanced JavaScript functions

Server

Server: ?

Port:

Code page: ▼

Workstation ID ?

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

View ?

Web	Traditional
<input checked="" type="checkbox"/> Show navigation bar	<input checked="" type="checkbox"/> Show navigation bar
<input checked="" type="checkbox"/> Show action links	<input checked="" type="checkbox"/> Show action links

Example: 5250 Access – Functional Setup

- The saved session is only available to the administrator that is currently signed on.
- The session must be shared to the managers. Use the “Create Shortcut” action.

The screenshot shows the 'Configured Sessions' page in the iSeries Access for Web interface. The page includes a navigation menu on the left and a main content area with a table of sessions. An arrow points to the 'Action' column of the table, highlighting the 'Create Shortcut' icon.

Session	Server	Action	Shortcut	Created By	Access
ManagerSession	myiSeries.myCompany.com	[Action icons]	No	dlb	dlb

Below the table, there are several links and descriptions:

- [Configure new session](#)
Configure a new session.
- [Shortcuts to sessions you configured](#)
Display a list of shortcuts to sessions you configured. Shortcuts can be deleted from this list.
- [Active sessions](#)
Work with your active sessions.
- [Start session](#)
Start a new session.
- [My macros](#)
Work with your macros.
- [My keypads](#)
Work with your keypads.
- [5250 user interface help](#)
View help for working with configured sessions.

At the bottom of the page, there is a footer with the text: IBM | iSeries | Service 5.4.0.05-191.SI22130

Example: 5250 Access – Functional Setup

- Name the shortcut whatever you wish.
- Session can be shared with MANAGERS group, *PUBLIC, or individual profiles.

Create Shortcut

Create shortcut to "ManagerSession"

Shortcut name:

Access: **Add...**

Create Shortcut

Access Details

- ◆ The access value identifies who is able to access the shortcut.
- ◆ The access value can be an existing user profile name on the iSeries server, an existing group profile name, or *PUBLIC.
- ◆ To specify multiple profiles, separate entries with commas.

[Configured sessions](#)
Work with your configured sessions.

[Active sessions](#)
Work with your active sessions.

[Start session](#)
Start a new session.

[My macros](#)
Work with your macros.

[My keypads](#)
Work with your keypads.

[5250 user interface help](#)
View help for working with configured sessions.

Example: 5250 Access – Back to Customize

- Go back to 5250 in Customize – Policies for the MANAGERS group profile.
- Select the shortcut to use as the default session settings for the MANAGERS.
- Select settings to lock MANAGERS out of starting/configuring new sessions.

Edit Policies - 5250

Profile: **MANAGERS**

Policy	Derived From	Action	Setting
5250 access	Shipped default	Use current setting	Allow
5250 tab	Shipped default	Use current setting	Show
Start non-configured sessions	Shipped default	Use current setting	Deny
Prompt when starting non-configured sessions	Shipped default	Use current setting	Yes
Show server name in title	Shipped default	Use current setting	Yes
Show configured session name in title	Shipped default	Use current setting	No
Maximum active sessions	Shipped default	Use current setting	No maximum
Inactive session timeout	Shipped default	Use current setting	24 hours
Active sessions list columns	Shipped default	Use current setting	Columns...
Configured session to use for defaults	Shipped default	Use current setting	User defaults
Save settings as user defaults	Shipped default	Use current setting	User defaults
Load settings from user defaults	Shipped default	Use current setting	Managers5250 for MANAGERS
Load settings from shipped defaults	Shipped default	Use current setting	Allow
Switch between Web/Traditional views	Shipped default	Use current setting	Allow
Edit active session settings	Shipped default	Use current setting	Allow
Bypass signon	Shipped default	Use current setting	Allow
Display HTML data in fields	Shipped default	Use current setting	Allow

Example: 5250 Access – More 5250 Settings

- Set all 5250 policies to Deny, except Configured Sessions and Start Configured Sessions.
- You may also want to allow them to access My Keypads and My Macros.

The screenshot shows a web browser window titled "Edit Policies - 5250". The browser address bar shows a URL: `http://mySeries.myCompany.com/webaccess/IWACustomize5250?retURL=http%3a%2f%2fip016ab.rchland.ibm.com%3a2016%2fwebacce`. The main content is a table with the following columns: Policy Name, Profile setting, Profile setting dropdown, Action dropdown, and Help icon.

Policy Name	Profile setting	Profile setting dropdown	Action dropdown	Help icon
Configured sessions	Shipped default	Use current setting	Allow	?
Create configured session	Shipped default	Use current setting	Deny	?
Start configured session	Shipped default	Use current setting	Allow	?
Copy configured session	Shipped default	Use current setting	Deny	?
Delete configured session	Shipped default	Use current setting	Deny	?
Rename configured session	Shipped default	Use current setting	Deny	?
Edit configured session	Shipped default	Use current setting	Deny	?
List configured session shortcuts	Shipped default	Use current setting	Deny	?
Create configured session shortcut	Shipped default	Use current setting	Deny	?
Copy configured session shortcut	Shipped default	Use current setting	Deny	?
Delete configured session shortcut	Shipped default	Use current setting	Deny	?
Rename configured session shortcut	Shipped default	Use current setting	Deny	?
Configured sessions list columns	Shipped default	Use current setting	Columns...	?
My keypads	Shipped default	Use current setting	Allow	?
My macros	Shipped default	Use current setting	Allow	?
Record macro	Shipped default	Use current setting	Allow	?
Play macro	Shipped default	Use current setting	Allow	?
Play initial macro	Shipped default	Use current setting	Allow	?
Copy macro	Shipped default	Use current setting	Allow	?
Delete macro	Shipped default	Use current setting	Allow	?
Rename macro	Shipped default	Use current setting	Allow	?
Edit macro	Shipped default	Use current setting	Allow	?
List macro shortcuts	Shipped default	Use current setting	Allow	?

Example: 5250 Access – After

- The managers can now only start a pre-configured 5250 session, or reconnect to an active session.

Configured Sessions

File Edit View Favorites Tools Help

Address <http://myiSeries.myCompany.com/webaccess/iWAConfiguredSessions/>

iSeries Access for Web User: onemanager

Configured Sessions

Session	Server	Action ?	Shortcut	Created By	Access
Managers5250	myiSeries.myCompany.com		Yes	dlb	MANAGERS

[Active sessions](#)
Work with your active sessions.

[My macros](#)
Work with your macros.

[My keypads](#)
Work with your keypads.

[5250 user interface help](#)
View help for working with configured sessions.

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Internet

***User Preferences:
Users can set their own Preferences***

User Preferences

- The Preferences function allows users to customize iSeries Access for Web settings to meet their needs.
- By default, all users are allowed to modify their preferences.
- Preferences are a subset of the complete list of available policy settings.
- Users can set the following types of preferences
 - Column inclusion and ordering for functions that display output in columns.
 - Number of rows per page to display on output.
 - Show or hide navigation bar tabs.
 - Preferred language and character set.
 - Database table filters and default database connection.
 - Number of commands to save in the run command history.

User Preferences (continued)

- Restricting access to Preferences
 - Administrators can deny specific users or groups from accessing their preferences.
 - This is controlled by the "Edit preferences" policy.
 - This policy is useful in organizations where administrators want to set up all customization options for users and ensure users are not able to modify any preference settings.

Example: User Preferences, Printer output

- The following screen shots step through setting a user preference for Printer output.
- This example shows
 - the default printer output page for user BASIC_USER.
 - what settings the user can modify to change the printer output page output.
 - the printer output page after user BASIC_USER modifies the preferences.
- When the policy is set, it takes effect immediately.

Example: User Preferences, Printer output (continued)

- The printer output display defaults with many columns of information.

The screenshot shows a web browser window titled 'Printer Output' with the address bar showing 'http://mySeries.myCompany.com/webaccess/WASpool?page=1'. The page content is titled 'Printer Output for basic_user' and includes a table of printer jobs. A large arrow points to the right side of the table, highlighting the 'File Number' column.

File Name	User Data	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number	File Number
QPDSPAJB		1/30/06 2:38 PM	8	1	Ready	...	BASIC_USER	QPADEV000G	562152	1
QPDSPSTS		1/30/06 2:38 PM	1	1	Ready	...	BASIC_USER	QPADEV000G	562152	2

Action Details

The Printer Output function supports the following actions:

- Work With**
Use the Work With action to hold, release or print the specified spooled file next. There are also links available that will allow the spooled file:
 - Move printer output to another printer
 - Move printer output to another output queue
 - Send printer output to another server (SNDTCPSPLF)
 - Change printer output attributes (CHGSPLFA)
 - Copy printer output to database file (CPYSPLF)

Example: User Preferences, Printer output (continued)

- Click on the Customize tab to work with Preferences.

Preferences

File Edit View Favorites Tools Help

Address http://myiSeries.myCompany.com/webaccess/iWACustomize

User: basic_user

iSeries Access for Web

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize**
 - Preferences
- Other

Related Links

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

Preferences

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

[View all preferences](#)
View current preference settings for all categories.

[Preferences help](#)
View help for working with preferences.

Done Internet

Example: User Preferences, Printer output (continued)

- Click on the Print category.
- Click on the Columns button for the "Printer output list columns" Preference.

The screenshot shows a web browser window titled "Edit Preferences - Print". The address bar shows the URL "http://myiSeries.myCompany.com/webaccess/IWACustomizePrint" and the user is logged in as "basic_user". The page content is organized into a table of preferences.

Preference	Derived From	Action	Setting
Print tab	Shipped default	Use current setting	Show
Printer output			
Preferred format to preview AFP output	Shipped default	Use current setting	PNG
Preferred format to preview SCS output	Shipped default	Use current setting	PNG
Printer output list columns	Shipped default	Use current setting	Columns...
Use Infoprint Server if installed	Shipped default	Use current setting	Yes
PDF output settings prompt mode	Shipped default	Use current setting	Basic
Default PDF output settings	Shipped default	Use current setting	Settings...
PDF printer output			
PDF printer output list columns	Shipped default	Use current setting	Columns...
Printers			
Printers filter	Shipped default	Use current setting	*ALL
Printers list view	Shipped default	Use current setting	Basic
Printers list columns - Basic	Shipped default	Use current setting	Columns...
Printers list columns - Advanced	Shipped default	Use current setting	Columns...
PDF printers			
PDF printers list columns	Shipped default	Use current setting	Columns...

Example: User Preferences, Printer output (continued)

- The Columns displayed can be toggled off/on by checking the box.
- Click OK and Save buttons to immediately save the changes.

The screenshot shows a web browser window titled "Columns - Printer Output". The address bar shows the URL: `http://myiSeries.myCompany.com/webaccess/iWACustomizePrint`. The user is logged in as "basic_user". The page content includes a sidebar with navigation options like "My Home Page", "My Folder", "Print", "Messages", "Jobs", "5250", "Database", "Files", "Command", "Download", "Customize", "Preferences", and "Other". The main content area is titled "Columns - Printer Output" and contains the instruction "Select which columns to display." followed by a table of columns to be displayed.

Column	Order
<input checked="" type="checkbox"/> File Name	▼
<input checked="" type="checkbox"/> User Data	▲ ▼
<input checked="" type="checkbox"/> Creation Date/Time	▲ ▼
<input checked="" type="checkbox"/> Pages Per Copy	▲ ▼
<input checked="" type="checkbox"/> Copies	▲ ▼
<input checked="" type="checkbox"/> Status	▲ ▼
<input checked="" type="checkbox"/> Action	▲ ▼
<input checked="" type="checkbox"/> User	▲ ▼
<input checked="" type="checkbox"/> Job Name	▲ ▼
<input checked="" type="checkbox"/> Job Number	▲ ▼
<input checked="" type="checkbox"/> File Number	▲ ▼
<input checked="" type="checkbox"/> Output Queue	▲ ▼
<input checked="" type="checkbox"/> Priority	▲ ▼
<input checked="" type="checkbox"/> Form Type	▲ ▼
<input checked="" type="checkbox"/> Printer	▲

Example: User Preferences, Printer output (continued)

- The printer output display now only has a few columns.

The screenshot shows a web browser window titled "Printer Output" with the address bar displaying "http://mySeries.myCompany.com/webaccess/WASpool". The user is logged in as "basic_user". The main content area is titled "Printer Output for basic_user" and features a table of printer output jobs. A grey arrow points to the "Action" column header of this table.

File Name	Pages Per Copy	Status	Action ?
QPDSPAJB	8	Ready	...
QPDSPSTS	1	Ready	...

Below the table, the "Action Details" section states: "The Printer Output function supports the following actions:"

- Work With**
Use the Work With action to hold, release or print the specified spooled file next. There are also links available that will allow you to perform the following actions on the spooled file:
 - Move printer output to another printer
 - Move printer output to another output queue
 - Send printer output to another server (SNDTCPSPLF)
 - Change printer output attributes (CHGSPLFA)
 - Copy printer output to database file (CPYSPLF)
- View**
Use the View action to view the printer output.

Example: User Preferences, Printer output (continued)

Tips

- This example showed that a user can modify their printer output view. An administrator can:
 - Restrict the user's access to the Preferences interface.
 - Perform the same changes by setting policies for the user, or a group of users.
- The Preferences interface that the user has access to is only a subset of all the policy settings an administrator can access for the same function.

Policy Tools for Administrators

Policies and Tools

V5R3

- Import/Export policy settings
 - Pick a user or group for export

V5R4

- Transfer configuration data from one user to another
 - Move and copy operations supported for:
 - 5250 sessions and macros
 - Saved commands
 - Database requests
 - My Folder items
 - Policies

Transfer Configuration Data

Transfer Configuration Data

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/IWATransferCfg

iSeries Access for Web User: dlb

My Home Page

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

Transfer Configuration Data

Profiles ?

From profile: **Browse...**

To profile: **Browse...**

Action to Perform ?

Copy

Move

Data to Transfer ?

5250 sessions

5250 macros

Commands

Database requests

Folder items

Policies

Transfer Data

[Transfer configuration data help](#)

View help for transferring configuration data.

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Page customization

Home Page Customization

- A default home page is displayed when the iWAHome servlet is invoked.
 - <http://<mySystem.myCompany.com>/webaccess/iWAHome>
 - It's a starting point to highlight functions.
 - It's an example of how to build your own home page or pages that access iSeries Access for Web functionality.
- The Customize function allows you to replace the default home page.
- Default home page replacement can be done for all users (*PUBLIC), or can be changed for only certain users and/or groups of users.
- Great article - example
 - "Build a quick and easy Web site with iSeries Access for Web" - Janet Weber
 - http://www.ibm.com/servers/eserver/series/access/pdf/build_website_article.pdf
 - iSeries 400 Experts Journal
 - **Updated Oct 2006 in System i News - 'Tailor iSeries Access for Web'**

Template file customization

- iSeries Access for Web has a default look for its functional pages.
 - This look is controlled by a template file and cascading style sheet.
- The template file has sections to specify
 - Header/footer areas of functional pages.
 - Where iSeries Access for Web content is placed in the page.
- The Customize function allows you to replace the default template file.
- Default template file replacement can be done for all users (*PUBLIC), or can be changed only for certain users and/or groups of users.

Edit Policies: specify home page and template files

Edit Policies - General [iSeriesD.DFW.IBM.COM] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://iseriesd.dfw.ibm.com/webaccess/iWACustomizeGeneral?profile=LLHIRSCH

User: llhirsch System: iSeriesD.DFW.IBM.COM

iSeries Access for Web

My Home Page

My Folder

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

- Preferences
- Policies
- Settings

Edit Policies - General

Profile: LLHIRSCH

Policy	Derived From ?	Action ?	Setting
Home page HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/homepage.h Browse...
Template HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/webaccess.h Browse...
Main page HTML file	Shipped default	Use current setting	/QIBM/ProdData/Access/Web2/html/overview.htr Browse...
Home page	Shipped default	Use current setting	Allow
Template	Shipped default	Use current setting	Allow
Navigation	Shipped default	Use current setting	Allow
Related links	Shipped default	Use current setting	Allow

Done

Special tags

- Within the home page and template .html files, special tags are used.
 - When these tags are encountered by the iSeries Access for Web code, they are replaced with the appropriate content.
- **Special tags...**
 - %%CONTENT%%
 - %%include section=file%%
 - %%MENU%%
 - %%STYLESHEET%%
 - %%STYLESHEET_CLASSIC_COLORS%%
 - %%TITLE%%
 - %%SYSTEM%%
 - %%USER%%
 - %%VERSION%%
- **Replaced with...**
 - functional content for the page, separates the header/footer
 - HTML section/fragment to include navigation bar
 - default style sheet
 - default style sheet prior to V5R4
 - title of the page
 - name of iSeries being accessed
 - i5/OS user profile used to access the server
 - version of iSeries Access for Web
- For detailed information on these special tags
 - V5R4 iSeries Access for Web Info Center
 - Connecting to iSeries->iSeries Access->iSeries Access for Web->iSeries Access for Web in a web application sever environment->Customize iSeries Access for Web->Default page content->Home page

Home Page default – iWAHome servlet

http://<system>/webaccess/iWAHome

The image shows two overlapping browser windows displaying the iSeries Access for Web homepage. The top window is a Mozilla Firefox browser with the address bar showing 'http://mySeries.myCompany.com/webaccess/iWAHome'. The page title is 'iSeries Access for Web' and the user is 'dlb'. The main content area includes a 'Getting Started' section, 'My Information' (with links like 'My Folder', 'Printer output', 'Display messages', 'Start a 5250 session', 'Database requests', 'Browse files', 'Preferences'), 'My View' (with a link to 'Customizing iSeries Access for Web'), and 'Related Products'. A sidebar on the left contains a 'My Home Page' menu and 'Related Links'. The right sidebar shows 'Rochester information' (City information, Movies, Mayo Clinic) and 'Rochester weather' (10 F). The bottom window is a similar browser window with the address bar showing 'http://mySeries.myCompany.com/webaccess/iWAHome' and the user is 'commonuser'. This window shows a different layout for the 'Getting Started' section, with a 'What is iSeries Access for Web' section, 'Browser Access to iSeries Server Information', 'Easy Administration', and 'Key Capabilities' sections. The right sidebar in this window includes 'Rochester information', 'Rochester weather', 'Rochester news', and 'Telephone directory'.

Home Page customization – iWAHome (another example)

- Custom home page - <http://iseriesd.dfw.ibm.com/webaccess/iWAHome>
 - Refer to chart 6 for info on how to access this sample

Access for Water - Microsoft Internet Explorer

File Edit View Favorites Tools Help


Address <http://<system>/webaccess/iWAHome> Go

IBM *Access for Water* Supplying quality boats since 2002

Services

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

This Week's Special



Beautifully maintained 28 foot 1978 Carver Santa Cruz for only \$23,900. Head and galley refurbished in 2001. Only 31 hours on completely rebuilt motor. Click [here](#) to see this boat cruising the seas.

Great Deals

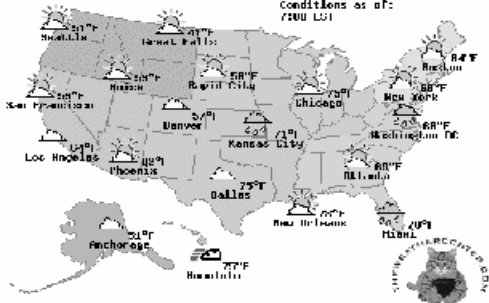
For those bargain conscious among you, we have a large selection of new and slightly used boats for under \$75,000. Whether you are planning on sailing in your backyard pond or navigating the mighty Mississippi we can meet your wants, needs, or desires. [View our selection of modestly priced boats.](#)

Site Support

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

Weather Conditions

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



IBM iSeries Service

Home Page/Template Customization Example (continued)

- Custom template

Quick View of BOATS.BOATS

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail Bluetooth

Access for Water *Supplying quality boats since 2002*

[Home](#)

Current Orders

◀◀◀ [1] 2 ▶▶▶ 🔍

BTYPE	BNAME	BFEET	BYEAR	BCOST	BNT01	BNT02
C	Poole Boat Co Aluminum	80	1979	1000000	-Located in S. Diego, CA	-Twin Detroit diesels.
P	Carver Santa Cruz	28	1978	23900	-Constructed of fiberglass.	-Single Chevy 350 gas engine, 250 hp. Fresh water cooled,
P	Mako Sportfisher	19	1989	13000	-Located in Anacortes, WA.	-Great fishing boat
P	Monk Bridgedeck Cruiser	36	1956	19900	-Built of mahogany, oak, and cedar.	-The 130 hp power plant is a single, Chrysler cyl. diesel
P	Monk Flybridge/Sedan	34	1985	55000	-Double planked cedar on oak frames.	-The 165 hp power plant is a 1985 V6 Detroit diesel.
P	Monterey Marine Custom	80	1996	2975000	-Located in Stuart, FL	-Monthly payment.
S	Bill Garden Schooner	36	1953	27500	-The hull is 1/8' caravel cedar planked atop 1/4" x 1 1/2" oak frames	and the deck is cedar planked with tar sear

Done Internet

iWAHome - structure

<http://<system>/webaccess/iWAHome>

Homepage file
common_homepage.html

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

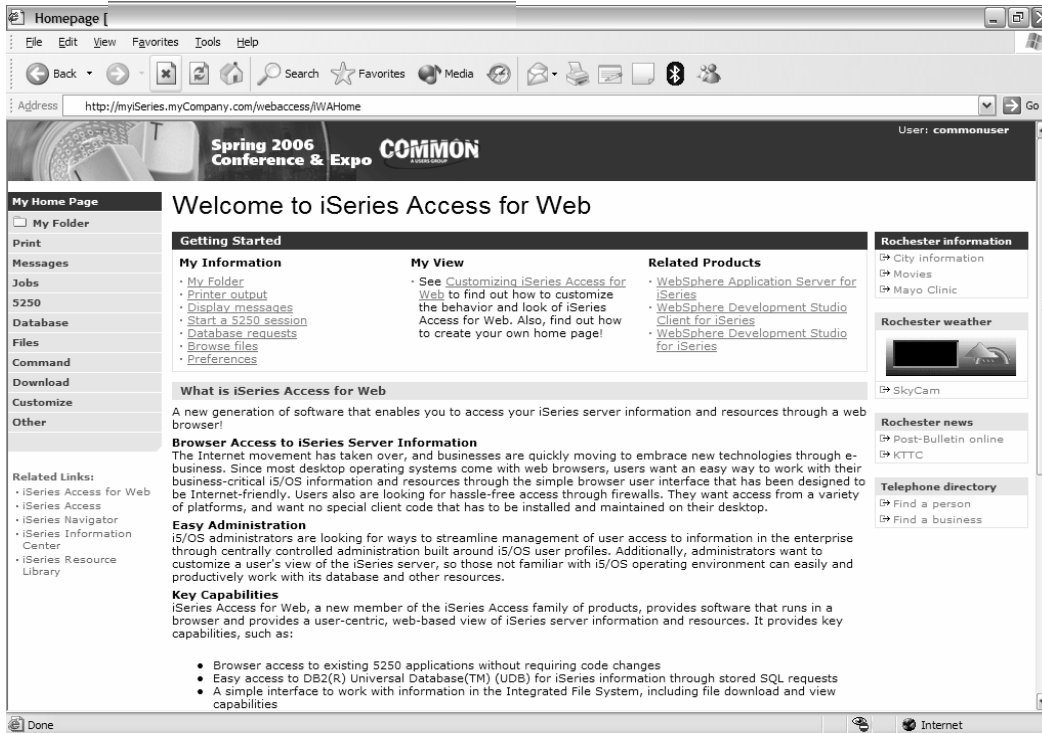
Image files

images/s06common.gif
images/iwa_navCorner.gif

Cascading Style Sheet file

common_styles.css

Defines the colors, fonts, font sizes for the various elements in the .html files.



iWA servlet Template - structure

<http://<system>/webaccess/iWASpool>

The screenshot shows a web browser window with the address bar containing `http://mySeries.myCompany.com/webaccess/iWASpool?page=1`. The page title is "Printer Output for commonuser". The main content area displays a table of printer jobs:

File Name	User	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number	File Number	Output Queue
QPDPSPAJB		2/13/06 12:42 PM	7	1	Ready	[Icons]	COMMONUSER	QPADEV000G	576522	1	QUSRSYS/PRTO
QPDPSPSTS		2/13/06 12:42 PM	1	1	Ready	[Icons]	COMMONUSER	QPADEV000G	576522	2	QUSRSYS/PRTO

Below the table, there is an "Action Details" section with the following actions:

- Work With**
Use the Work With action to hold, release or print the specified spooled file next. There are also links available that will allow you to perform spooled file:
 - Move printer output to another printer
 - Move printer output to another output queue
 - Send printer output to another server (SNDTCPSPLF)
 - Change printer output attributes (CHGSPPLFA)
 - Copy printer output to database file (CPYSPLF)
- View**
Use the View action to view the printer output.

Homepage file
common_homepage.html

Defines content, layout, images, links to be displayed when the iWAHome servlet is invoked in the browser.

Template file
common_template.html

Defines the header, content, footer on all other servlet pages.

Image files

images/s06common.gif
images/iwa_navCorner.gif

Cascading Style Sheet file
common_styles.css

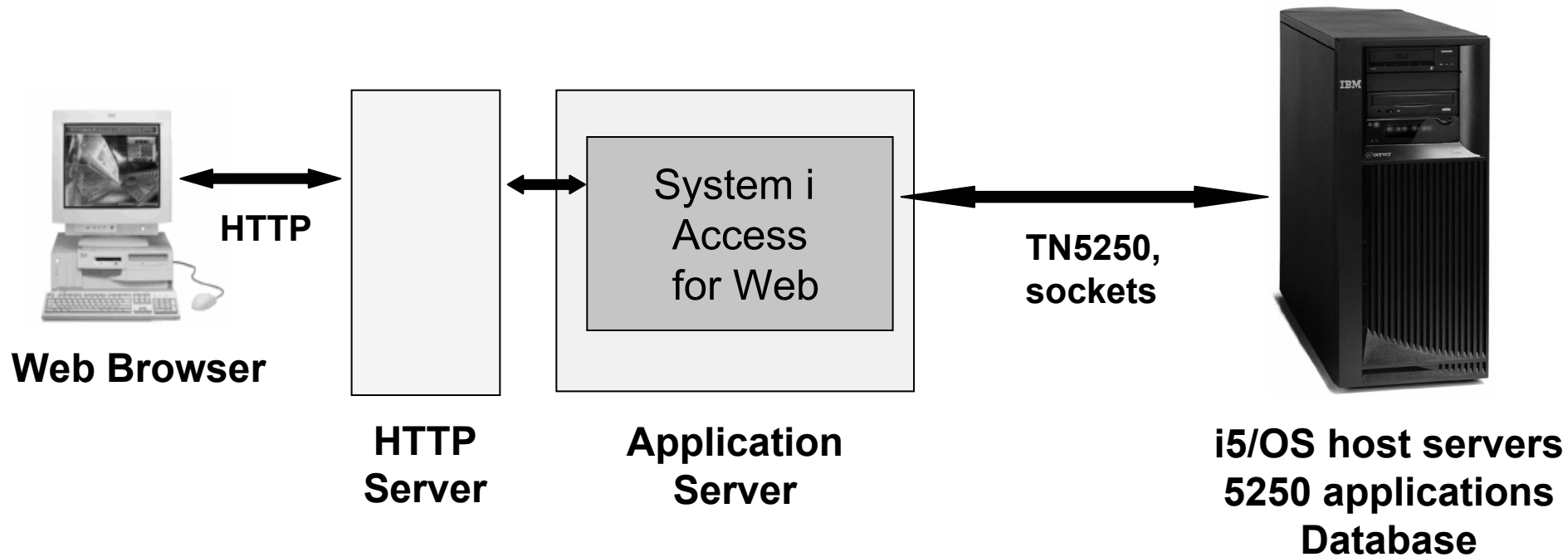
Defines the colors, fonts, font sizes for the various elements in the .html files.

Refer to the Appendix for a step-by-step example of modifying the home page and template files

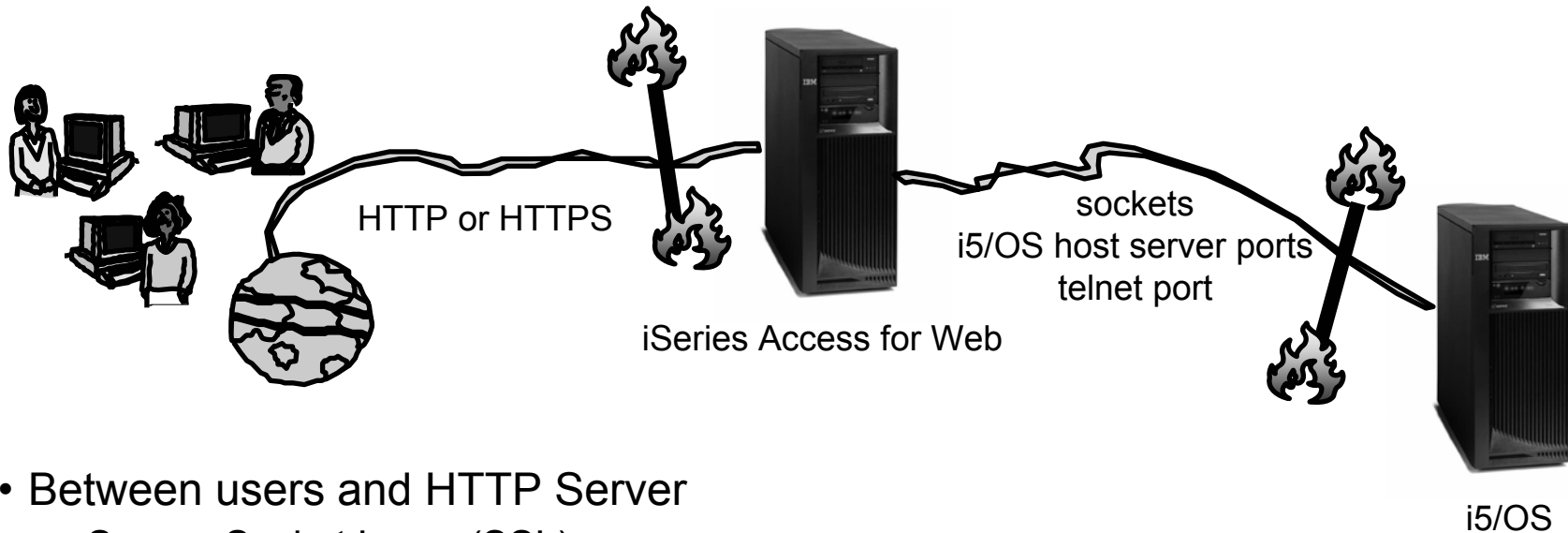
- Customizing policies to use different home page and template files
- Adding a different image as header, changing the footer
- Updating the cascading style sheet

iSeries Access for Web Environment Security Considerations

iSeries Access for Web Environment



iSeries Access for Web Environment (continued)



- Between users and HTTP Server
 - Secure Socket Layer (SSL)
 - Virtual Private Networking (VPN)
 - Firewalls
- Between iSeries Access for Web and i5/OS
 - VPN
 - Firewalls

Secure Sockets Layer

- Used for data confidentiality between Web browser and HTTP server
 - Digital certificates used to determine trust relationships
 - Point to Point encryption for all data (PC App to Server App)
 - Part of the standard HTTPS protocol
- See Info Center for specific details on Configuration and Setup.
 - See the “Configure WebSphere Security” topic
- Levels of SSL
 - TLSv1, SSLv3 recommended, use 128-bit or higher
 - SSLv2 should not be used anymore. Disable in clients and server (APAR SE25734)

Virtual Private Networking

- Used for data confidentiality between Web browser and HTTP server
 - Digital certificates and User authorization used establish tunnel
 - End to End encryption for all data (PC to Server tunnel)
 - Allows any protocol, including standard HTTP
- See Info Center for specific details on Configuration and Setup.
 - See the “Virtual Private Networking” topic
- Redbooks
 - IBM System i Security Guide for IBM i5/OS Version 5 Release 4 (SG24-6668-01)
 - OS/400 V5R2 Virtual Private Networks (REDP-0153-01)

Authentication security options

- How does the user authenticate to iSeries Access for Web?
- How does iSeries Access for Web authenticate with i5/OS?
- iSeries Access for Web in a WebSphere Single Signon (SSO) environment
- Special considerations for 5250

Authentication

- Authentication is verifying the identity of the user
- iSeries Access for Web supports two types of authentication
 - Application
 - iSeries Access for Web handles the authentication
 - Application Server
 - WebSphere Application Server handles the authentication
- Specified by the AUTHTYPE parameter on the CFGACCWEB2 command
 - Application: AUTHTYPE(*APP)
 - Application Server: AUTHTYPE(*APPSVR)












Authorization

- Authorization is verifying that authenticated users have permission to access requested resources
- iSeries Access for Web uses the i5/OS user profile and object level security to authorize access to i5/OS resources
- iSeries Access for Web provides application level control of access to functions through policies
 - Policies can be administered at the i5/OS user and group profile levels

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

Policies

Profile: JHANSEN

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

Application Authentication

*AUTHTYPE(*APP)*

- iSeries Access for Web handles authentication
- i5/OS user profile and password
 - Hostname specified by the TGTSVR parameter on the CFGACCWEB2 command
- Method: HTTP basic authentication
 - RFC2617
 - User profile and password are encoded (not encrypted) in the HTTP headers and should be protected



Application Server Authentication

*AUTHTYPE(*APPSVR)*

- WebSphere handles authentication
- WebSphere credentials
 - Typically a user ID and password
 - Authenticated with the active WebSphere user registry
- iSeries Access for Web uses Enterprise Identity Mapping (EIM) to map the authenticated WebSphere user identity to an i5/OS user profile
 - System i Access for Web identifies the user by the mapped i5/OS user profile
 - i5/OS user profile is used to authorize access to i5/OS resources using object level security

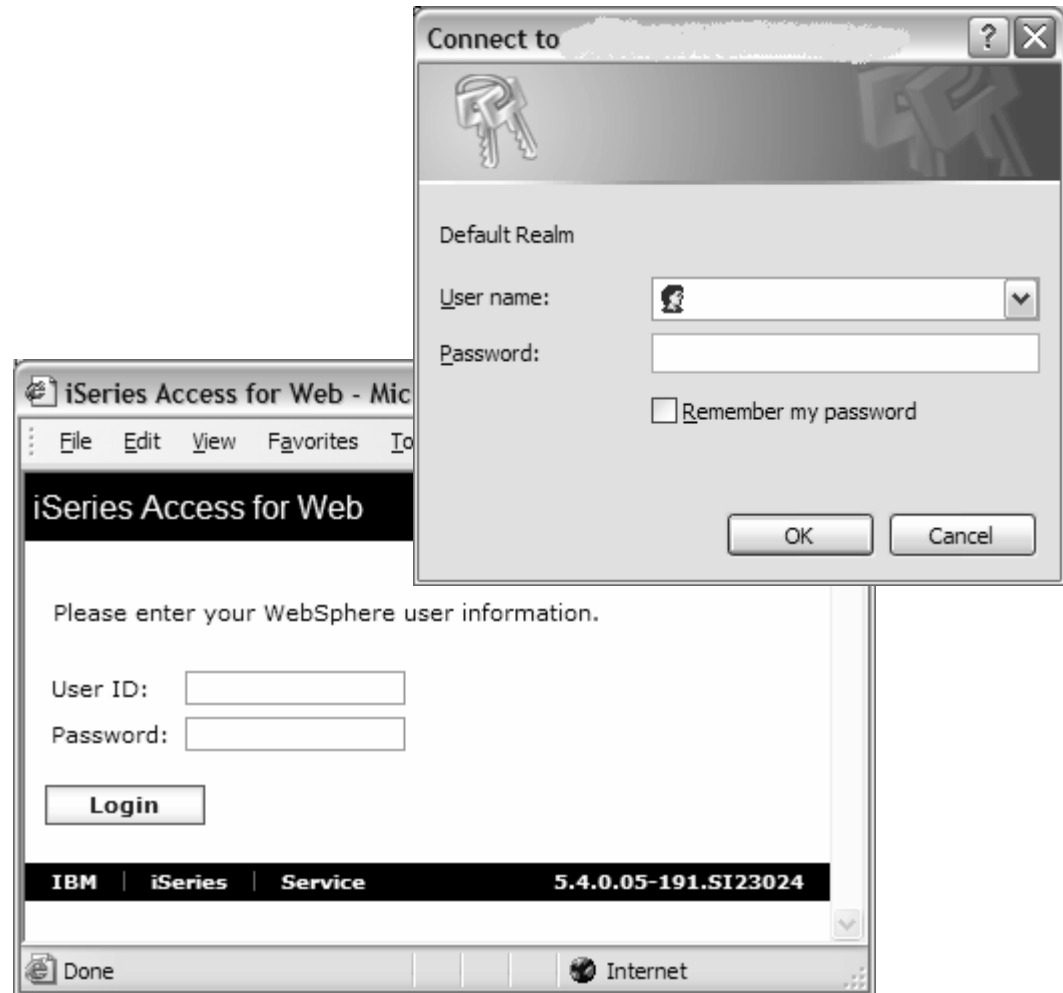
Application Server Authentication

*AUTHTYPE(*APPSVR)*

(continued)

- iSeries Access for Web supports two methods of gathering credentials
 - HTTP basic authentication
 - User ID and password are encoded (not encrypted) in the HTTP headers and should be protected
 - Form-based authentication
 - User ID and password are clear text and should be protected

- Specified by the AUTHMETHOD parameter on the CFGACCWEB2 command
 - HTTP basic authentication: AUTHMETHOD(*BASIC)
 - Form-based authentication: AUTHMETHOD(*FORM)



Application Server Authentication Required Configuration

- WebSphere with global security enabled and an active user registry to authenticate users
- An EIM domain configuration for i5/OS to enable mapping of WebSphere user identities to i5/OS user profiles
- The EIM Identity Token Connector (resource adapter) installed and configured in WebSphere
 - Used to request identity tokens (encrypted data strings that represent the authenticated WebSphere user identity) which are input to EIM lookup operations.

5250 Sessions

- 5250 sessions can be started to any system running i5/OS
- Must provide user profile and password on i5/OS Sign On screen

Start Session

Server ?

Server:

Port:

Code page:

Workstation ID ?

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

General ?

Initial macro:

Bypass signon

Display HTML data in fields

Start Session

Sign On

System : QINTER
 Subsystem : QPADEV0006
 Display :

User :

Password :

Program/procedure :

Menu :

Current library :

RELEASE: V05R03M00
 DRIVER: 2600722

USE OF THIS SYSTEM IS FOR IBM MANAGEMENT APPROVED PURPOSES ONLY.
 USE IS SUBJECT TO AUDIT AT ANY TIME BY IBM MANAGEMENT.

(C) COPYRIGHT IBM CORP. 1980, 2003.

5250 Session Bypass Signon

- QRMTSIGN system value must be *VERIFY
- Select bypass signon when starting or configuring a session

Configure New Session

General

Session: * required

Default view:

Initial macro:

Bypass signon

Display HTML data in fields

Enable advanced JavaScript functions

Server

Server:

Port:

Start Session

Server

Server:

Port:

Code page:

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

General

Initial macro:

Bypass signon

Display HTML data in fields

Start Session

- iSeries Access for Web must be configured for **Application Authentication** in order for Bypass Signon to be available
 - CFGACCWEB2 AUTHTYPE(*APP) ...

5250 Session Signon Macro

- Useful for V5R3 iSeries Access for Web
(In V5R4, use Bypass sign-on instead)
- Record a macro to sign on
- Edit the macro
 - Replace user profile with [user]
 - Replace password with [password]
- Select as initial macro when starting session

Macro: **Signon**

```
[cursor 6,53][erasefld][user]cursor 7,53][erasefld][password][enter][wait][enter][wait]
```

Server ?

Server:

Port:

Code page: ▼

Workstation ID ?

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

General ?

Initial macro: ▼

Bypass signon

Display HTML data in fields

Start Session

5250 Session Signon Macro (continued)

- Select as initial macro when configuring a session
- iSeries Access for Web must be configured for **Application Authentication** in order for [password] substitution in macros to work
 - CFGACCWEB2 AUTHTYPE(*APP) ...

Configure New Session

General ?

Session: * required

Default view: ▼

Initial macro: ▼

Bypass signon

Display HTML data in fields

Enable advanced JavaScript functions

Server ?

Server:

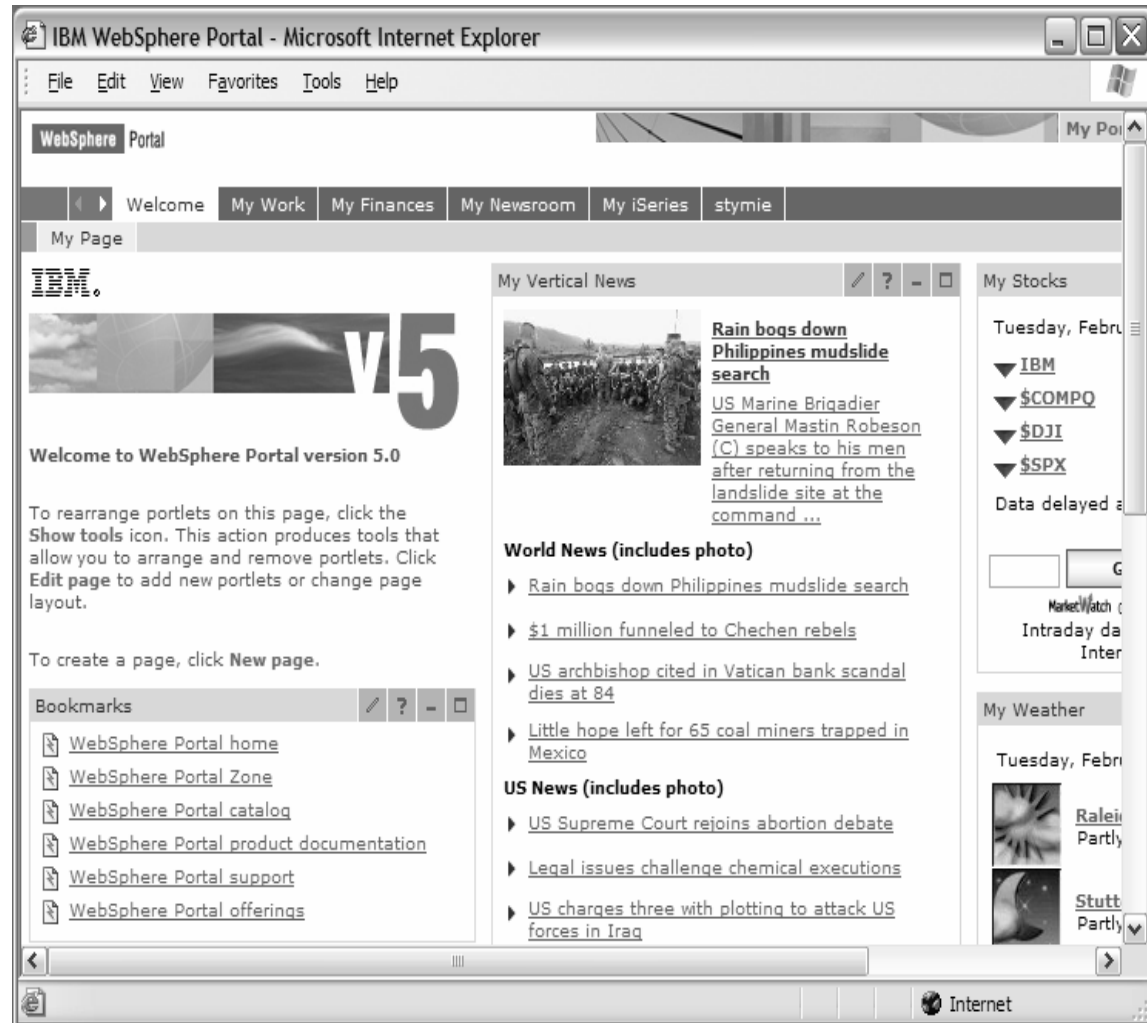
Port:

iSeries Access for Web Portlets

- How are things different?

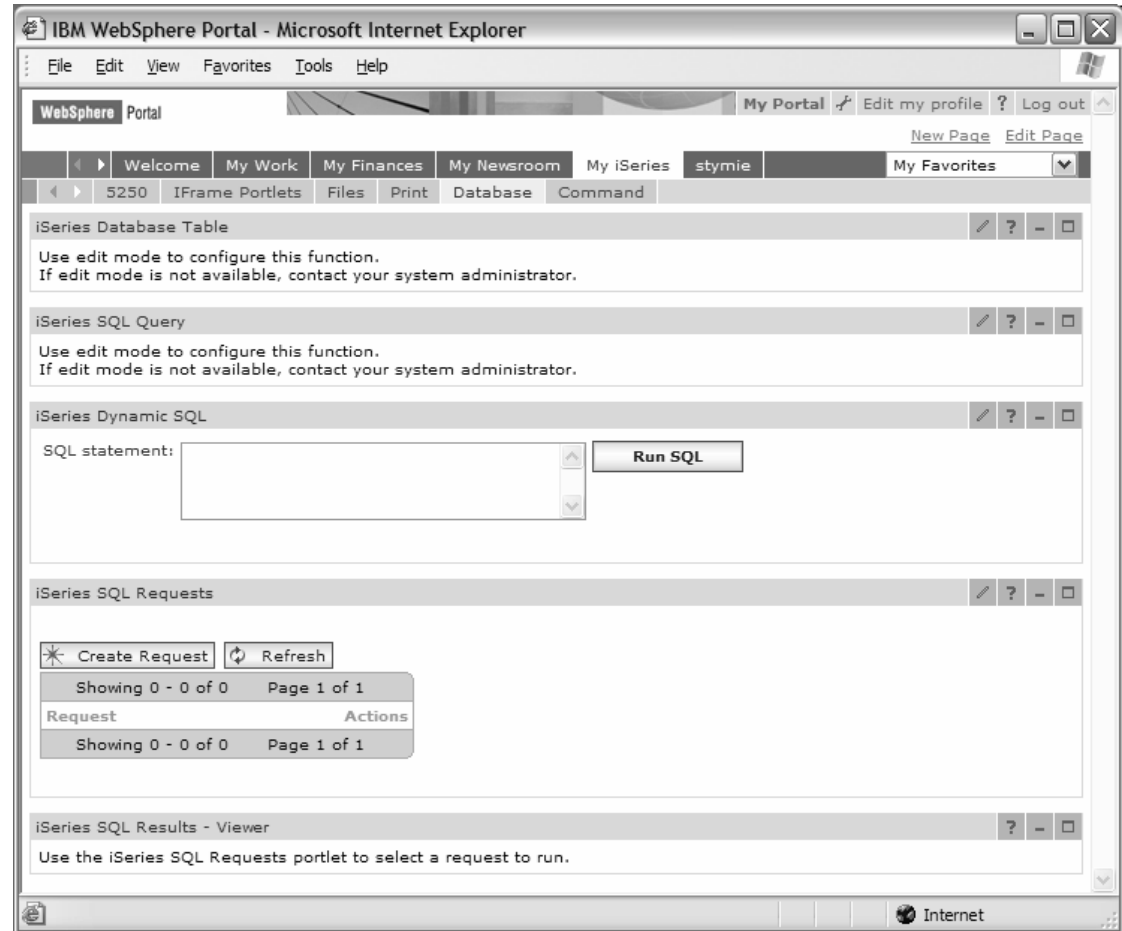
Portal

- Portal provides a single point of personalized interaction with applications, content, processes and people
- Integrate data and applications from various sources into one user experience



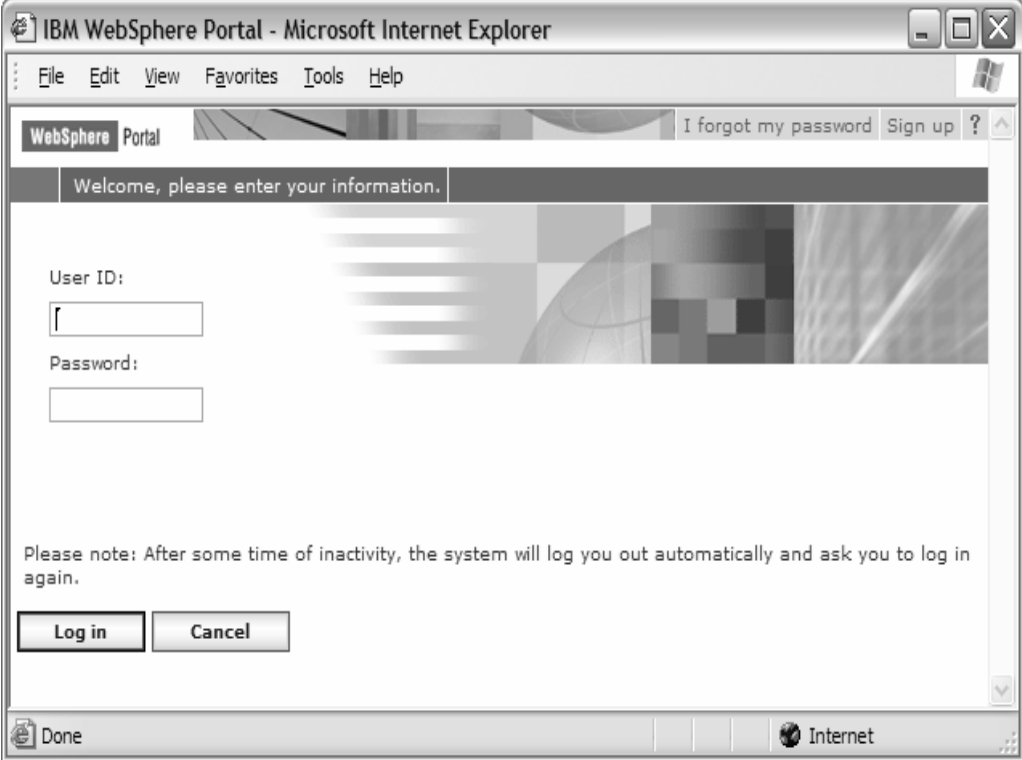
Portal Application

- iSeries Access for Web portlets integrate access to i5/OS resources in a portal environment
- Function is similar to the servlet application



Portal Authentication

- Portal handles authentication
- Portal credentials
 - Authenticated with the active user registry
- Form-based authentication
 - User ID and password are clear text and should be protected
- Use Portal interfaces to control access to pages and portlets



The screenshot shows a Microsoft Internet Explorer browser window titled "IBM WebSphere Portal - Microsoft Internet Explorer". The address bar shows "WebSphere Portal" and navigation links for "I forgot my password" and "Sign up". The main content area displays a login form with the following elements:

- A header bar with the text "Welcome, please enter your information."
- A "User ID:" label followed by a text input field.
- A "Password:" label followed by a text input field.
- A "Please note: After some time of inactivity, the system will log you out automatically and ask you to log in again." message.
- Two buttons: "Log in" and "Cancel".

The status bar at the bottom of the browser window shows "Done" and "Internet".

iSeries Access for Web Portlet Authentication

- Setting to specify the hostname of system for accessing i5/OS resources
 - Default is the hostname of the system where Portal is running
- Setting to specify the credential to use when accessing i5/OS resources
 - Used to authenticate to i5/OS
 - i5/OS user profile and object level security are used to authorize access to i5/OS resources
- Settings can be controlled by the Portal administrator

iSeries File List

Edit Portlet Settings

Server

Server:

Authentication

Use credential specific to this portlet window

User:

Password:

Confirm password:

Use credential set with iSeries Credentials portlet

Credential: ▼

Use system shared credential set by administrator

Credential: ▼

Use authenticated WebSphere credential

Authentication Options

- Use credentials specific to this portlet
 - Specify the i5/OS user profile name and password
 - Specific to this portlet window for this user
- Use credential set with iSeries Access for Web Credentials portlet
 - Select the name of a credential maintained with the iSeries Credentials portlet
 - Credential contains an i5/OS user profile name and password

Use credential specific to this portlet window

User:
Password:
Confirm password:

Use credential set with iSeries Credentials portlet

Credential:

Use system s

Authentication Options (continued)

- Credentials portlet lets users create and manage their own list of credentials
 - User created credentials are not available to other users
- Administrator can create system credentials using the WebSphere Portal Credentials Vault administration function
 - System credentials are available to all users
 - Each user sets their own i5/OS user profile name and password
- Manage credential values in one place

iSeries Credentials

Credentials Add, Edit and Delete credentials

New credential Refresh

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

Actions	Name	Description	User	Type
	myCredentials	My credentials	stevej	User
	mySystem.myDomain.com	mySystem.myDomain.com	sjones	System

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

[Change i5/OS password](#)

Use credential set with iSeries Credentials portlet

Credential:

Use system s

Authentication Options (continued)

- WebSphere Portal Credentials Vault administration function

The screenshot shows the 'Administration' page of the WebSphere Portal. In the top right, there are links for 'My Portal Administration', 'Edit my profile', and 'Log out'. A navigation menu on the left lists 'Portal User Interface', 'Portlets', 'Access', 'Users and Groups', 'Resource Permissions', and 'User and Group Permissions'. The 'Credential Vault' section is highlighted, and the 'Add a vault slot' option is circled. An arrow points from this option to the 'Create a vault slot' form.

Credential Vault

Select Vault

Vault:

Create a vault slot

Name:

Vault segment:

Vault resource associated with vault slot:

existing:

new:

Vault slot is shared:

Shared userid:

Shared password:

Confirm password:

Description:

Set locale-specific descriptions

Authentication Options (continued)

Use system shared credential set by adm

Credential: deployment.keystore ▼

Use authentic

deployment.keystore
deployment.truststore
deployment.user
myDomain.com

- Use system shared credential set by administrator

- Created and managed by administrator using the WebSphere Portal Credentials Vault administration function
- Common to all portal users

Credential Vault

Select Vault

Vault:

Default ▼

Create a vault slot

Name:

myDomain.com

Vault resource associated with vault slot:

existing: deployment.keystore ▼

Vault segment:

DefaultAdminSegment ▼

new: myDomain.com

Vault slot is shared:

Shared userid:

qsecofr

Shared password:

••••••

Confirm password:

••••••

Description:

myDomain.com



Set locale-specific descriptions

OK

Cancel

Authentication Options (continued)

- Use authenticated WebSphere credential
 - Uses identity tokens and EIM to map the authenticated WebSphere user identity to an i5/OS user profile

Use authenticated WebSphere credential

- Requires:
 - EIM domain configuration on each i5/OS where resources will be accessed
 - All in the same EIM domain
 - EIM Identity Token Connector installed
 - J2C connection factories configured with JNDI names eis/iwa_IdentityToken and eis/IdentityToken
 - EIM identifier target associations for each i5/OS that will be accessed

5250 Sessions in Portlets

- Bypass signon
 - QRMTSIGN system value must be *VERIFY
 - Settings to enable bypass signon and specify the credential to use
- No macro support

Bypass signon

Enable bypass signon

Use credential specific to this portlet window

User:

Password:

Confirm password:

Use credential set with iSeries Credentials portlet

Credential:

Use system shared credential set by administrator

Credential:

iSeries 5250 Session ✎ ? - □

Start Session

Server

Server:

Port:

Code page: ▼

Display HTML data in fields

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

Start Session

Appendix

Let's demonstrate how to customize the Home page and Template

iWAHome – Steps to customize

- To customize the pages:
 1. Copy iSeries Access for Web .html/.css files.
 2. Copy image files.
 3. Customize policies to use .html files.
 4. Update .html files.
 5. Update cascading style sheet.
 6. Verify with a browser.

Step 1 - Copy iSeries Access for Web .html/.css files

- iSeries Access for Web provides the source for the default pages
 - Home page for iWAHome servlet
 - Template for all other servlets
 - Cascading Style Sheet to control the styling of HTML elements
- These source files can be used as a starting point for customization.
- Copy the default file(s) supplied to a new location in the integrated file system so they can be modified.

- Steps to copy the files:
 1. MKDIR DIR('/common_homepage')
 2. CPY OBJ('/qibm/proddata/access/web2/html/en/homepage.html')
TOOBJ('/common_homepage/common_homepage.html')
 3. CPY OBJ('/qibm/proddata/access/web2/html/en/webaccess.html')
TOOBJ('/common_homepage/common_template.html')
 4. CPY OBJ('/qibm/proddata/access/web2/html/en/iwa_styles.css')
TOOBJ('/common_homepage/common_styles.css')
 5. WRKLNK OBJ('/common_homepage')
 6. Option #9 to work with authorities
 - Grant *PUBLIC *RWX
 - Repeat for all subdirectories and files

iWAHome – Steps to customize

- To customize the pages:
 1. Copy iSeries Access for Web .html/.css files.
 2. Locate and copy image files.
 3. Customize policies to use .html files.
 4. Update .html files.
 5. Update cascading style sheet.
 6. Verify with a browser.

Step 2 - Locate and copy image files

- Within the HTML source, images can be specified.
- Locate an image (i.e. your company logo/banner) you can use.
- The image file will need to reside in the same directory, or a directory below, as the .html files that refer to them.
 - Locating the image files in some other location will require HTTP server configuration updates.
- Copy the file(s) to an images subdirectory in the integrated file system, below the location of the .html source.

- Steps to copy the files:
 1. MKDIR DIR('/common_homepage/images')
 2. Copy your image files to the /common_homepage/images directory.
 - We are using common_banner.gif, iwa_navCorner.gif
 3. WRKLNK OBJ('/common_homepage/images')
 4. Option #9 to work with authorities
 - Grant *PUBLIC *RWX
 - Repeat for all subdirectories and files

iWAHome – Steps to customize

- To customize the pages:
 1. Copy iSeries Access for Web .html/.css files.
 2. Locate and copy image files.
 3. Customize policies to use .html files.
 4. Update .html files.
 5. Update cascading style sheet.
 6. Verify with a browser.

Step 3 - Customize policies to use .html files

- iSeries Access for Web policies need to be changed to use the .html files.
- This will allow you to verify the incremental changes to the .html source in the following steps.
- Customize policies for a test user profile to use the modified .html files.

- Steps to set policies:
 1. Identify a test i5/OS user profile you can use, or
CRTUSRPRF USRPRF(COMMONUSER) PASSWORD() USRCLS(*USER)
 2. Open a browser to <http://<system>/webaccess/iWAMain>
 3. Signon using an administrator level user profile.
 4. Click the Customize tab.
 5. Click the Policies link.
 6. Specify your test user profile, we are using COMMONUSER.
 7. Click Edit Policies.
 8. Click the Action icon for the General category.
 9. Type in the Home page HTML file: /common_homepage/common_homepage.html
 10. Type in the Template HTML file: /common_homepage/common_template.html
 11. Scroll down click Save.

Step 3 - Customize policies to use .html files

The screenshot shows a web browser window titled "Policies" with the URL `http://myiSeries.myCompany.com/webaccess/iWACustomizeList?action=select`. The page content includes a left sidebar with navigation options and a main area titled "Policies" with a form and several links.

Step 3: An arrow points to the address bar.

Step 4: An arrow points to the "Customize" menu item in the sidebar.

Step 5: An arrow points to the "Policies" sub-item in the sidebar.

Step 6: An arrow points to the "Profile:" field containing "COMMONUSER" and the "Browse..." button.

Step 7: An arrow points to the "Edit Policies" button.

The "Policies" section contains the following text and links:

- Specify the profile you want to edit.
- Profile:
-
- [User profiles](#)
Work with the user profiles you are authorized to customize.
- [Group profiles](#)
Work with the group profiles you are authorized to customize.
- [Import policies](#)
Import policies from a file into iSeries Access for Web.
- [Export policies](#)
Export policies from iSeries Access for Web to a file.
- [Policies help](#)
View help for working with policies.

At the bottom of the page, there is a footer with "IBM | iSeries | Service" on the left and "5.4.0.05-191.SI22130" on the right.

Step 3 - Customize policies to use .html files

Policies

Profile: **COMMONUSER**

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

[View all policies](#)
View current policy settings for all categories.

[View group membership](#)
View current group membership for this user profile.

[Copy policies](#)

Step 3 - Customize policies to use .html files

Edit Policies

File Edit View Go Bookmarks Tools Help

http://myiSeries.myCompany.com/webaccess/iWACustomizeGeneral?profile=COMMONUSER

iSeries Access for Web User: dlb IBM

Edit Policies - General

Profile: COMMONUSER

Policy	Derived From ?	Action ?	Setting	
Home page HTML file	Profile setting	Use current setting ▾	/common_homepage/common_homepage.html	Browse... ← 9
Template HTML file	Profile setting	Use current setting ▾	/common_homepage/common_template.html	Browse... ← 10
Main page HTML file	Shipped default	Use current setting ▾	/QIBM/ProdData/Access/Web2/html/overview.htm	Browse... ?
Home page	Shipped default	Use current setting ▾	Allow ▾	? ?
Template	Shipped default	Use current setting ▾	Allow ▾	? ?
Navigation	Shipped default	Use current setting ▾	Allow ▾	? ?
Related links	Shipped default	Use current setting ▾	Allow ▾	? ?
Navigation bar	Shipped default	Use current setting ▾	Show ▾	? ?
Display action links as images	Shipped default	Use current setting ▾	Yes ▾	? ?
Default rows per page	Shipped default	Use current setting ▾	25	? ?
Default pages per set	Shipped default	Use current setting ▾	10	? ?
Preferred language	Shipped default	Use current setting ▾	None ▾	? ?
Preferred character set	Shipped default	Use current setting ▾	None ▾	? ?
PDF font directories	Shipped default			? ?
Additional PDF font	Shipped default	Use current setting ▾		Browse... ?

My Home Page

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

Related Links:

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

iWAHome – Steps to customize

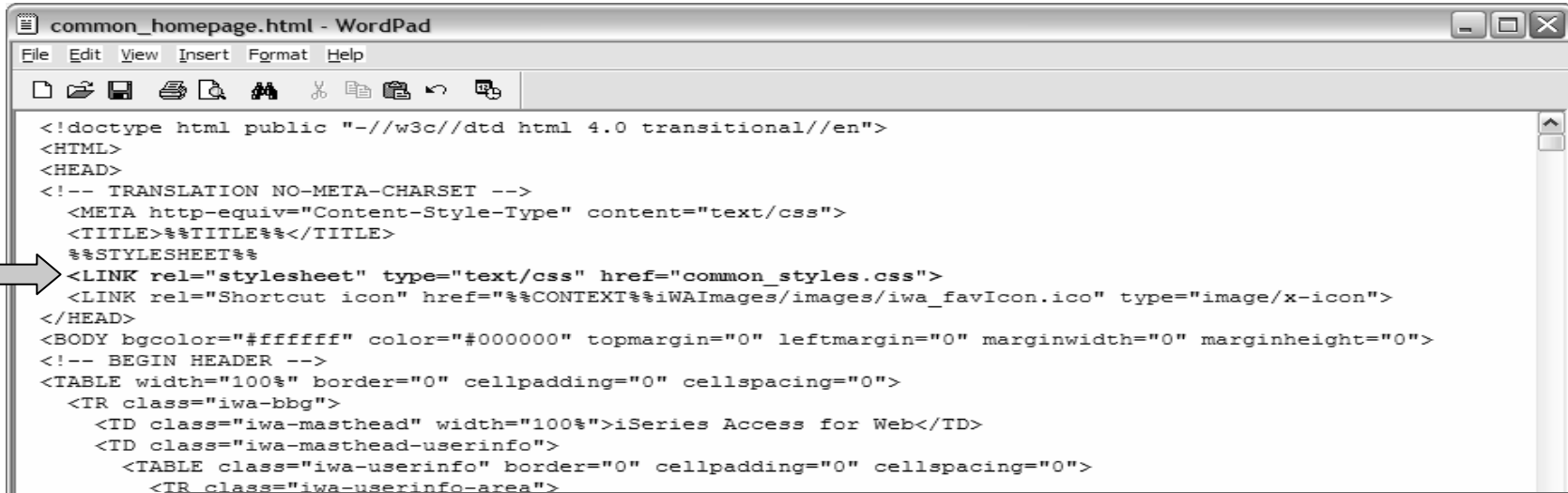
- To customize the pages:
 1. Copy iSeries Access for Web .html/.css files.
 2. Locate and copy image files.
 3. Customize policies to use .html files.
 4. Update .html files.
 5. Update cascading style sheet.
 6. Verify with a browser.

Step 4 – Update .html files – add .css reference

- To override the default cascading style sheet, the .html files must be updated to link to our copy (see Step 1).
- The cascading style sheet will be modified in a later step.
- Add the reference to the cascading style sheet file to both .html files

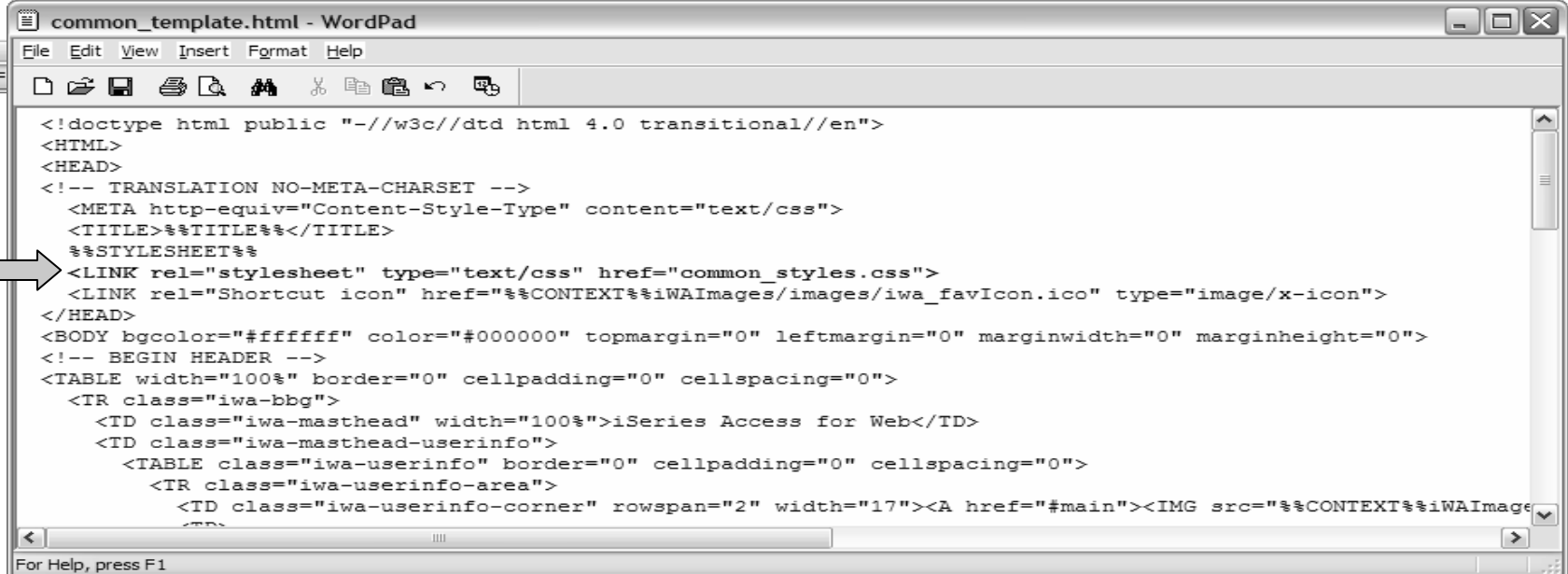
- Steps to add the reference:
 1. Open a browser to <http://<system>/webaccess/iWAHome>
 2. Signon using your test user profile, we are using COMMONUSER.
 3. Open the following files with Wordpad
 - /common_homepage/common_homepage.html
 - /common_homepage/common_template.html
 4. At the top of the file, add the following below **%%STYLESHEET%%**
 - `<LINK rel="stylesheet" type="text/css" href="common_styles.css">`
 5. Save the changes to the .html files.
 6. Refresh the browser session. No visual changes should occur.

Step 4 – Update .html files – add .css reference



A screenshot of a WordPad window titled "common_homepage.html - WordPad". The window shows HTML code with a grey arrow pointing to the line: `<LINK rel="stylesheet" type="text/css" href="common_styles.css">`. The code includes a doctype declaration, HTML and HEAD tags, a translation comment, a meta tag for content type, title and stylesheet placeholders, and a body section with a table containing masthead and user info.

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">
```



A screenshot of a WordPad window titled "common_template.html - WordPad". The window shows HTML code with a grey arrow pointing to the line: `<LINK rel="stylesheet" type="text/css" href="common_styles.css">`. The code is identical to the previous window but includes an additional table row for a user info corner.

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">
<TD class="iwa-userinfo-corner" rowspan="2" width="17"><A href="#main"><IMG src="%%CONTEXT%%iWAImage
```

Step 4 – Update .html files – add header image

- To display your company's logo/image, the .html files must be updated to link in a different image file.
- The default masthead (header) reference needs to be removed.
- The new logo/image reference needs to be added.
- Steps to add the reference:
 1. Open the following files with Wordpad
 - /common_homepage/common_homepage.html
 - /common_homepage/common_template.html
 2. Near the top of the file, locate the following lines:
 - `<!-- BEGIN HEADER -->`
 - `<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">`
 - `<TR class="iwa-bbg">`
 - `<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>`
 3. Remove this line
 - `<TD class="iwa-masthead" width="100%">iSeries Access for Web</TD>`
 4. Add these or similar lines to replace the masthead (header)
 - `<TD class="iwa-masthead" width="100%"></TD>`
 - `<TD></TD>`
 5. Save the changes.
 6. Refresh the browser. The image in the header should have changed.

Step 4 – Update .html files – add header image

common_template.html - WordPad

```

File Edit View Insert Format Help
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->
<TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer
<TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border=
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">

```

common_ho

```

File Edit View
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="stylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->
<TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer
<TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border=
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">

```


Step 4 – Update .html files – add header image

Homepage

File Edit View Favorites Tools

Back Forward Stop Refresh Home Search Favorites Media

Address http://mySeries.myCompany.com/access/IWAHome Go

Spring 2006 Conference & Expo COMMON A BUSINESS GROUP User: commonuser IBM

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

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 web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

Key Capabilities

Rochester information

- City information
- Movies
- Mayo Clinic

Rochester weather

- SkyCam

Rochester news

- Post-Bulletin online
- KTTC

Telephone directory

- Find a person
- Find a business

Internet

Step 4 – Update .html files – remove footer

- A footer exists at the bottom of the web page.
 - We are going to remove that footer to simplify the look of the page.
 - Locate the comments BEGIN FOOTER – END FOOTER and remove the lines between them.
-
- Steps to remove the footer:
 1. Open the following files with Wordpad
 - /common_homepage/common_homepage.html
 - /common_homepage/common_template.html
 2. At the bottom of the file, locate the following lines:
 - <!-- BEGIN FOOTER -->
 - <!-- END FOOTER -->
 3. Remove all lines between the BEGIN-END comments.
 4. Save the changes.
 5. Close the Wordpad windows.
 6. Refresh the browser. Scroll down, the footer not be displayed.

Step 4 – Update .html files – remove footer

The screenshot shows two WordPad windows. The main window, titled 'common_template.html - WordPad', displays the following HTML code:

```
<!-- BEGIN FOOTER -->
<!--
<TABLE border="0" cellspacing="0" cellpadding="0" width="100%">
  <TR class="iwa-bbg">
    <TD width="560" height="19">
      <TABLE border="0" cellspacing="0" cellpadding="0">
        <TR>
          <TD class="iwa-footer-spacer" width="13">&nbsp;&nbsp;&nbsp;</TD>
          <TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/">IBM</A></TD>
          <TD class="iwa-footer-divider" width="27">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
          <TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/eserver/iseri/">iSeries</A></TD>
          <TD class="iwa-footer-divider" width="27">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</TD>
          <TD class="iwa-footer-text">&A class="iwa-mainlink" href="http://www.ibm.com/eserver/iseri/support">Support</A></TD>
          <TD class="iwa-footer-spacer" width="13">&nbsp;&nbsp;&nbsp;</TD>
        </TR>
      </TABLE>
    </TD>
  </TR>
</TABLE>
<TR>
  <TD class="iwa-footer-version">&VERSION&&</TD>
</TR>
</TABLE>
-->
<!-- END FOOTER -->
```

The second window, titled 'common_homepag...', shows the same code with a large black bracket highlighting the footer section from the comment '<!-- BEGIN FOOTER -->' to '<!-- END FOOTER -->'. This indicates that this section of the code is to be removed from the HTML files.

Step 4 – Update .html files – remove footer

After

Before

Homepage

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address http://myiSeries.myCompany.com/webaccess/WAHome

Easy Administration
i5/OS administrators are looking for ways to streamline management through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with its database and other resources.

Key Capabilities
iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

- Browser access to existing 5250 applications without requiring code changes
- Easy access to DB2(R) Universal Database(TM) (UDB) for iSeries information through stored SQL requests
- A simple interface to work with information in the Integrated File System, including file download and view capabilities
- The ability to display and manage iSeries server printers and printer output
- Configuration options to provide a fully customizable view, for individual users or groups of users, when connecting to the iSeries server
- The ability to bookmark commonly used tasks and to place links to iSeries Access for Web URLs on user-created pages
- No client code to install and manage
- i5/OS resource access validated using object level security
- Use of industry standard protocols such as HTTP and HTTPS
- Easy management of firewall considerations since there is no reliance on proprietary TCP/IP ports and protocols

Learn More
You can learn more at the [iSeries Access for Web homepage](#).

Customize iSeries Access for Web

This web page is an example of how to integrate parts of iSeries Access for Web into your own homepage. In this example, the left navigation bar has iSeries Access for Web links. The right navigation bar, of course, has links to information about Rochester, MN, where iSeries Access for Web was designed and developed. You can copy the source of this page and use it as a starting point for your own home page.

You can also customize iSeries Access for Web through templates, style sheets, and user profile settings. For example, you can customize what columns are displayed in lists, what actions can be taken, what functions appear in the navigation bar, and other settings.

See [iSeries Access for Web](#) for additional information about customization. This document can be found in the [IBM eServer iSeries Information Center](#) under Connecting to iSeries.

Learn More
You can find more information and examples at the [iSeries Access for Web homepage](#).

IBM iSeries Service 5.4.0.05-191.S122130

Homepage

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address http://myiSeries.myCompany.com/webaccess/WAHome

of platforms, and want no special client code that has to be installed and maintained on their desktop.

Easy Administration
i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

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- A simple interface to work with information in the Integrated File System, including file download and view capabilities
- The ability to display and manage iSeries server printers and printer output
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- The ability to bookmark commonly used tasks and to place links to iSeries Access for Web URLs on user-created pages
- No client code to install and manage
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Learn More
You can find more information and examples at the [iSeries Access for Web homepage](#).

Internet

iWAHome – Steps to customize

- To customize the pages:
 1. Copy iSeries Access for Web .html/.css files.
 2. Locate and copy image files.
 3. Customize policies to use .html files.
 4. Update .html files.
 5. Update cascading style sheet.
 6. Verify with a browser.

Step 5 – Update cascading style sheet

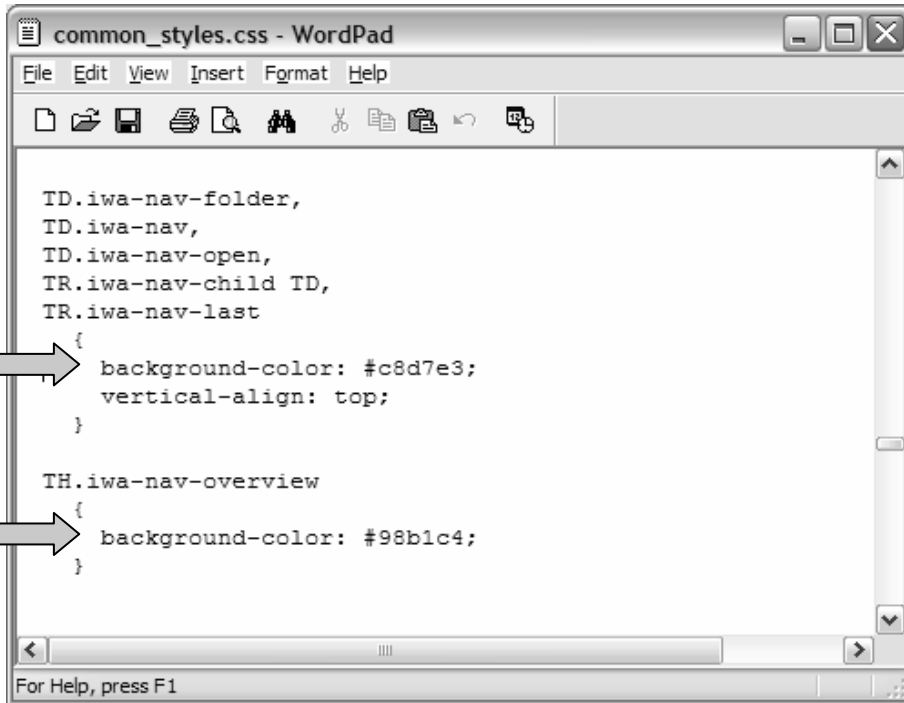
- iSeries Access for Web uses cascading style sheets (CSS) to control certain aspects of the appearance of web page content.
- For CSS information:
 - www.w3.org/Style/CSS/
 - www.w3.org/Style/LieBos2e/enter/
- The default style sheet controls the look of the page header, footer, navigation bar, and page content.
- Style sheets can be used to customize the home page and page template.
- Step 1 copied the shipped style sheet to
/common_homepage/common_styles.css
- Step 4 updated the .html files to use our copy
/common_homepage/common_styles.css
- Steps to update the .css:
 1. Open the following file with Wordpad
 - **/common_homepage/common_styles.css**
 2. Update various styles.
 3. Save the changes.
 4. Refresh the browser. Verify various areas of the screen were updated.

Step 5 – Update cascading style sheet

```
common_homepage.html - WordPad
File Edit View Insert Format Help
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<HTML>
<HEAD>
<!-- TRANSLATION NO-META-CHARSET -->
<META http-equiv="Content-Style-Type" content="text/css">
<TITLE>%%TITLE%%</TITLE>
%%STYLESHEET%%
<LINK rel="styylesheet" type="text/css" href="common_styles.css">
<LINK rel="Shortcut icon" href="%%CONTEXT%%iWAImages/images/iwa_favIcon.ico" type="image/x-icon">
</HEAD>
<BODY bgcolor="#ffffff" color="#000000" topmargin="0" leftmargin="0" marginwidth="0" marginheight="0">
<!-- BEGIN HEADER -->
<TABLE width="100%" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-bbg">
<!-- <TD class="iwa-masthead" width="100%">iSeries Access for Web</TD> -->
<TD class="iwa-masthead" width="100%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conferer">
<TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border=
<TD class="iwa-masthead-userinfo">
<TABLE class="iwa-userinfo" border="0" cellpadding="0" cellspacing="0">
<TR class="iwa-userinfo-area">
<TD class="iwa-userinfo-corner" rowspan="2" width="17"><A href="#main"><IMG src="%%CONTEXT%%iWAImage
</TD>
</TR>
</TABLE>
</TR>
</TABLE>
For Help, press F1
```

Step 5 – Update cascading style sheet

Original navigation bar settings

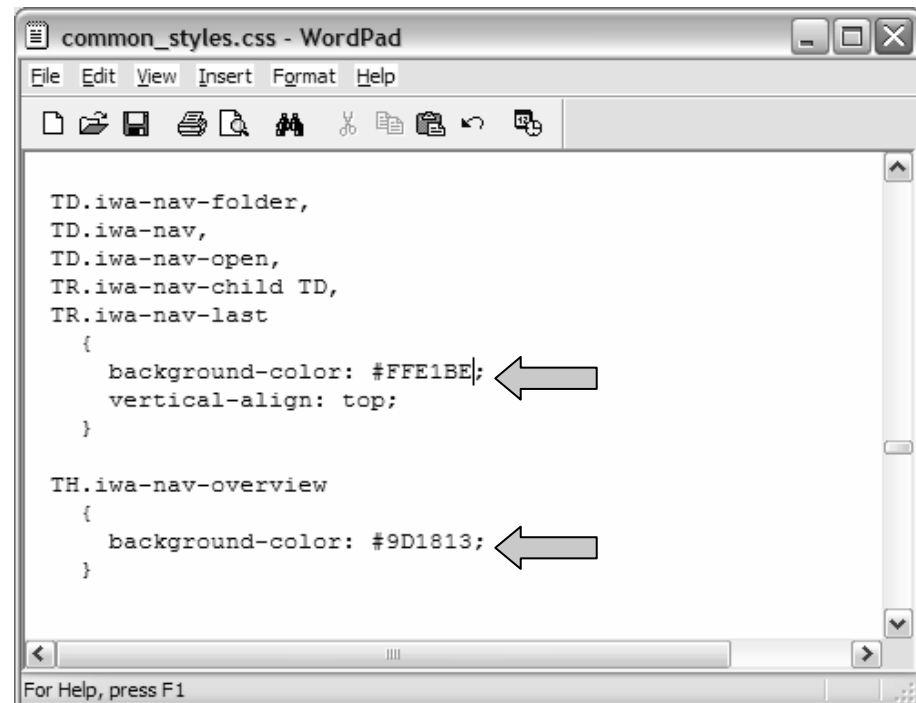


A screenshot of a WordPad window titled "common_styles.css - WordPad". The window contains CSS code for navigation bar elements. Two arrows point to the original background-color values: #c8d7e3 for the navigation folder and #98b1c4 for the overview section.

```
common_styles.css - WordPad
File Edit View Insert Format Help
[Icons]
TD.iwa-nav-folder,
TD.iwa-nav,
TD.iwa-nav-open,
TR.iwa-nav-child TD,
TR.iwa-nav-last
{
background-color: #c8d7e3;
vertical-align: top;
}

TH.iwa-nav-overview
{
background-color: #98b1c4;
}
```

Changed navigation bar settings



A screenshot of a WordPad window titled "common_styles.css - WordPad". The window contains the same CSS code as the previous screenshot, but with updated background-color values. Two arrows point to the new values: #FFE1BE for the navigation folder and #9D1813 for the overview section.

```
common_styles.css - WordPad
File Edit View Insert Format Help
[Icons]
TD.iwa-nav-folder,
TD.iwa-nav,
TD.iwa-nav-open,
TR.iwa-nav-child TD,
TR.iwa-nav-last
{
background-color: #FFE1BE;
vertical-align: top;
}

TH.iwa-nav-overview
{
background-color: #9D1813;
}
```


Step 5 – Update cascading style sheet

The image displays two screenshots of a web browser window showing the 'Welcome to iSeries Access for Web' page. The browser address bar shows 'http://myiSeries.myCompany.com/webaccess/WAHome'. The page header includes 'Spring 2006 Conference & Expo COMMON' and 'User: commonuser'. The main content area says 'Welcome to iSeries Access for Web'. The top screenshot shows a sidebar menu on the left with sections like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. The bottom screenshot shows the same page but with a different layout, including sections like 'Getting Started', 'My Information', 'My View', 'Related Products', 'Rochester information', 'Rochester weather', 'Rochester news', and 'Telephone directory'. Arrows point from the top screenshot to the bottom one, indicating the changes being made to the cascading style sheet.

Step 5 – Update cascading style sheet

Homepage

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Mail Print Send To Bluetooth

Address http://myiSeries.myCompany.com/webaccess/iWAHome Go

User: commonuser

Spring 2006 Conference & Expo COMMON A BUSINESS GROUP

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
- Customize
- Other

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](#)

Rochester information

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

Rochester weather

- [SkyCam](#)

Rochester news

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

Telephone directory

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

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 web browsers, users want an easy way to work with their business-critical i5/OS information and resources through the simple browser user interface that has been designed to be Internet-friendly. Users also are looking for hassle-free access through firewalls. They want access from a variety of platforms, and want no special client code that has to be installed and maintained on their desktop.

Easy Administration

i5/OS administrators are looking for ways to streamline management of user access to information in the enterprise through centrally controlled administration built around i5/OS user profiles. Additionally, administrators want to customize a user's view of the iSeries server, so those not familiar with i5/OS operating environment can easily and productively work with its database and other resources.

Key Capabilities

iSeries Access for Web, a new member of the iSeries Access family of products, provides software that runs in a browser and provides a user-centric, web-based view of iSeries server information and resources. It provides key capabilities, such as:

- Browser access to existing 5250 applications without requiring code changes
- Easy access to DB2(R) Universal Database(TM) (UDB) for iSeries information through stored SQL requests
- A simple interface to work with information in the Integrated File System, including file download and view capabilities

Internet

System i & WebSphere Resources & Deliverables

iSeries Information Center

<http://www.ibm.com/series/infocenter>

iSeries site

www.iseries.ibm.com/

iSeries WebSphere Application Server

<http://www-1.ibm.com/servers/eserver/series/software/websphere/wsappserver/>

PartnerWorld for Developers, iSeries & WebSphere

<http://www.iseries.ibm.com/developer/websphere/>

IBM eServer Solutions

<http://www-1.ibm.com/servers/eserver/series/solutions/>

iSeries e-business Solutions

<http://www-1.ibm.com/servers/eserver/series/ebusiness/>

iSeries B2B Solutions

<http://www-1.ibm.com/servers/eserver/series/btob/>

Connect for iSeries

<http://www-1.ibm.com/servers/eserver/series/btob/connect/v11high.html>

WebSphere Commerce Suite for iSeries

<http://www-1.ibm.com/servers/eserver/series/ebusiness/wcs51.html>

iSeries and e-commerce

<http://www-1.ibm.com/servers/eserver/series/ebusiness/ecommerce.htm>

iSeries HTTP Server

<http://www-1.ibm.com/servers/eserver/series/software/http/index.html>

WebSphere Development Studio for iSeries

<http://www-3.ibm.com/software/ad/wds400/>

iSeries and WebSphere References

<http://www.as400.ibm.com/developer/java/solutions/jjem.html>

<http://www2.software.ibm.com/casestudies/swcsweb.nsf/platform>

iSeries Solution Finder

<http://www.iseries.ibm.com/btobpartner/>

iSeries & Domino

<http://www-1.ibm.com/servers/eserver/series/domino/>

Dedicated Server for Domino

<http://www-1.ibm.com/servers/eserver/series/domino/dsd.htm>

Workload Estimator for iSeries, WAS, WCS & Domino, HTTP Server, Java, etc.

<http://as400service.ibm.com/estimator/>

iSeries Custom Technology Center

<http://www-1.ibm.com/servers/eserver/series/service/ctc/>

iSeries Technical Support

<http://as400service.ibm.com/>

iSeries Technical Studio

<http://www.as400.ibm.com/tstudio/>

1st Install for iSeries & WebSphere Application Server

<http://www.iseries.ibm.com/developer/websphere/assistance.html>

iSeries ToolsNet (Tools & Middleware)

<http://www.iseries.ibm.com/developer/tools/>

iSeries & Services Network

<http://as400service.ibm.com/supporthome.nsf/document/19251245>

iSeries e-business Handbook (SG24-5694-01)

<http://www.redbooks.ibm.com/abstracts/sg245694.html>

System i & WebSphere Resources & Deliverables

WebSphere Commerce Suite With Back-End Order Mgmt.
<http://ibm.com/redbooks>

iSeries Technology Center
<http://www.iseries.ibm.com/service/itc/ebiz.htm>

iSeries University
<http://www-3.ibm.com/services/learning/community/as400/>

WebSphere Application Server Overview
<http://www-4.ibm.com/software/webservers/appserv/>

iSeries & WebSphere Documentation

Redbooks & Red Pieces

Form Numbers/Web Sites

- Building iSeries Applications for WebSphere Advanced Edition SG24-5691
- Building Java Applications for the iSeries with VisualAge for Java SG24-6245
- Integrating WCS with Domino Back-End Applications
- <http://ibm.com/redbooks> (search for REDP0141)

Java & WebSphere Performance on iSeries

- <http://publib-b.boulder.ibm.com/Redbooks.nsf/RedpieceAbstracts/sg246256.html?Open>
- iSeries Application Development Directions white paper is now available
- <http://www.iseries.ibm.com/developer/tools/documents/addir/index.html>
- Connect for iSeries with WebSphere Commerce Suite Red Paper
- <http://www.redbooks.ibm.com/redpapers/pdfs/redp0127.pdf>

Tools for Application Reface and Redesign

- <http://www.as400.ibm.com/developer/comm/pidtechpapers.html?Tools>
- Introduction to Enterprise JavaBeans for AS/400 SG24-5192-00
- Web enabling AS/400 Applications with WebSphere Studio SG24-5634-00
- Building AS/400 Applications with WebSphere Standard Edition 2.0 SG24-5635-00
- Building AS/400 C/S Apps with Java SG24-2152-02
- Building AS/400 Internet-based applications with Java SG24-5337-00

WebSphere Commerce Suite
www-4.ibm.com/software/webservers/commerce/

WebSphere Payment Manager
www-4.ibm.com/software/webservers/paymgr/

MQSeries
www.ibm.com/software/ts/mqseries
 IBM Redbooks
<http://www.redbooks.ibm.com/>

iSeries Nation
<http://www-1.ibm.com/servers/eserver/series/announce/form.html>

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AS/400e	IBM	OS/400
eServer	IBM (logo)	System i5
@server		System i

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