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IBM System i5

Session: 420016

Agenda key: 33MN

iSeries Access for Web
Control Access to your iSeries Resources

http://www.ibm.com/eserver/iseries/access/web/

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Agenda

- iSeries Access for Web Overview
- Methods and Strategies for Customization
- Administrator Examples for Database and 5250
- User Preferences
- Email Configuration
- New for V5R3 and V5R4
- Page customization
  - Home page
  - Template for all iSeries Access for Web pages
  - Cascading style sheet usage
  - Demo

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iSeries Access for Web Overview

iSeries Access for Web is software that runs on i5/OS. It provides access to various i5/OS resources through a browser and provides a user-centric, web-based view of i5/OS applications and information. No software is required to be installed on the client, other than a web browser.

iSeries Access for Web functions include:

- *Print* - printer output viewing, printers, shared printers, and output queues
- *Messages* - user messages, message queues, send messages
- *Jobs* - work with jobs and server jobs
- *5250* user interface
- *Database* - run SQL statements, work with tables, upload data, manage frequently run requests, extract server object information
- *Files* - work with files in the iSeries integrated file system or within NetServer file shares, upload files to the integrated file system or a NetServer share.
- *Command* - run iSeries commands from the browser.
- *Download* – manage file/software distribution
- ***Customize*** – configure settings and restrict usage of the functions of the product.

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iSeries Access for Web Overview

To get more information on iSeries Access for Web request a copy of or attend

Session 43LA: OPEN LAB: iSeries Access for Web

or

Visit the iSeries Access for Web Home Page
http://www.ibm.com/servers/eserver/iseries/access/web

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iSeries Access for Web sessions/labs

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

Functional enhancements can be submitted via the FITS system:
https://www-912.ibm.com/r_dir/ReqDesChange.nsf/Request_for_Design_Change?OpenForm

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Try out Access for Web for yourself!

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

User ID = **WUSER** Password = **DEMO2PWD**	This shows the basic look of Access for Web as we ship it. You can try various functions -- including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto i5/OS, then start an RPG application called BOATS and run it.
User ID = **BOATADMIN** Password = **DEMO2PWD**	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 WebFacing 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..

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Controlling access for iSeries Access for Web

3 methods using iSeries Access for Web to control access

- 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
  - 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.
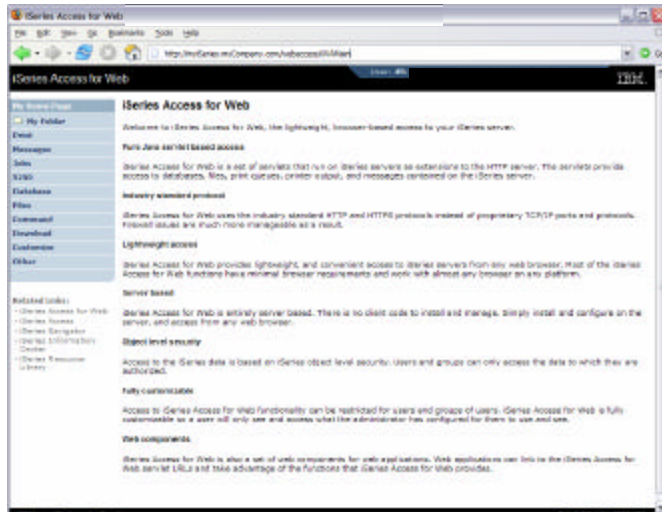
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Controlling access for iSeries Access for Web

Home page

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Controlling access for iSeries Access for Web

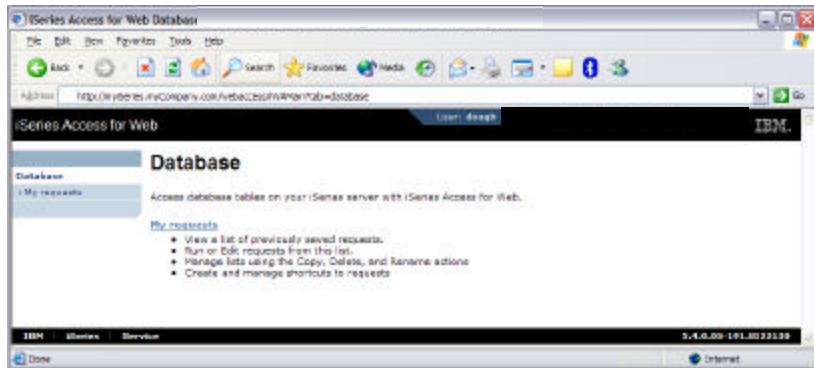Main page

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Controlling access for iSeries Access for Web

Product functionality

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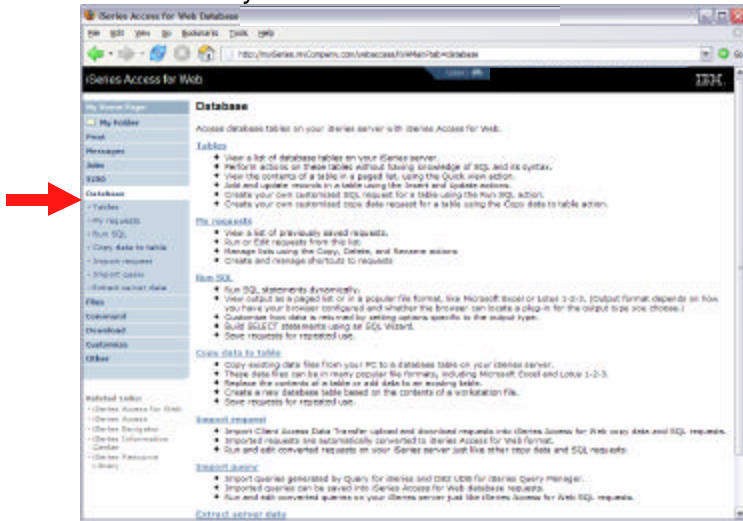
Controlling access for iSeries Access for Web

Sample for a user that only performs preset database queries

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Controlling Access:
Setting policies for users and groups of users

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Controlling Access - How & Who?

- 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 administrate iSeries Access for Web functions.

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Controlling Access - Strategies

- iSeries Access for Web ships with a set of default policy settings.

- These default policy settings allow most functions to be available for all users.

- As an administrator, you may not want users to access all functions.

- A quick strategy to restrict a function from all users
  - First, grant an administrator to have access to all functions
  - Use the Customize Group Profiles function and customize the *PUBLIC group profile.
  - Every user is a member of this group.
  - You could "Deny" a function for all users to restrict access.
  - You could then "Allow" specific users access to some functions that were restricted.

- Only users that have been allowed access will be able to use that function.

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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.

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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.
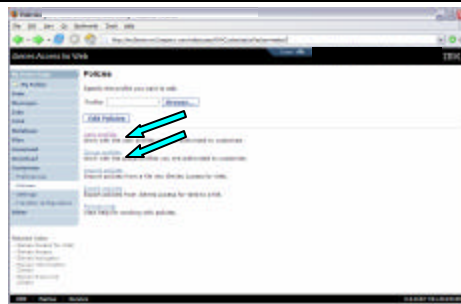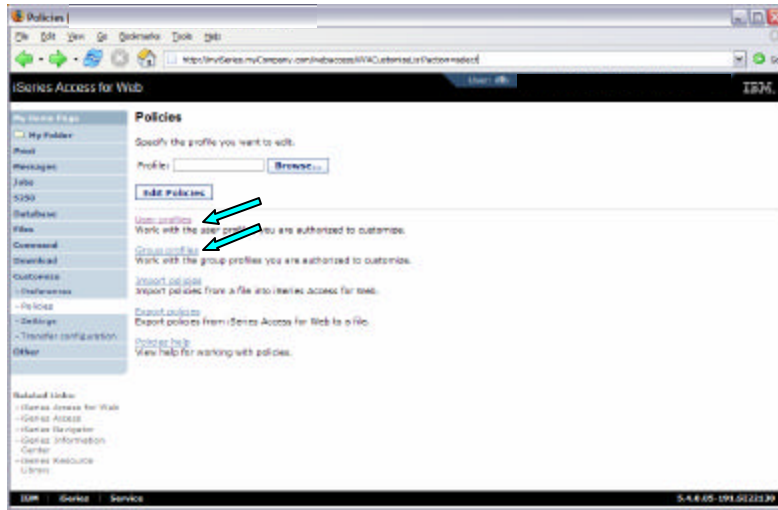
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Controlling Access - Setting policies (continued)

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Controlling Access - Setting policies (continued)

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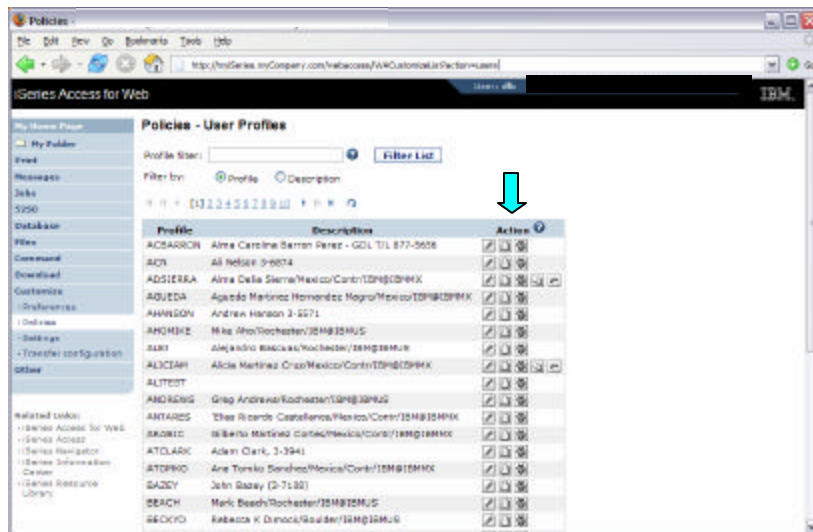
Controlling Access - Setting policies (continued)

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.

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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.

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Controlling Access - Setting policies (continued)

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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.

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Example: Simple Database User - Before

Accessing the Database tab of iSeries Access for Web as user REPORT_MAN
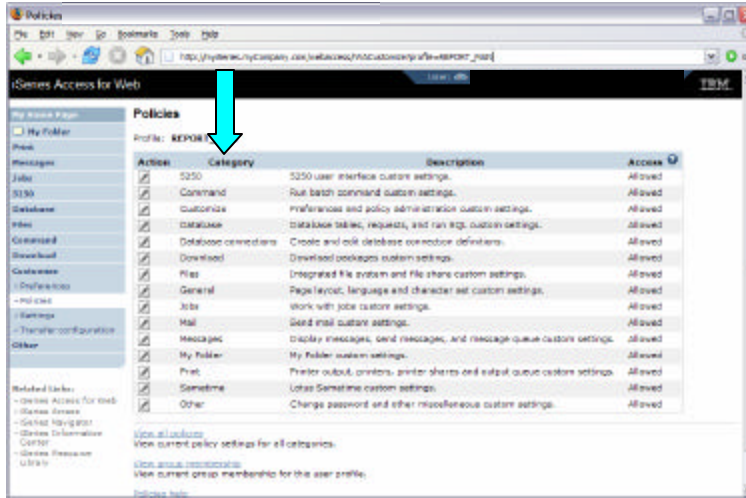
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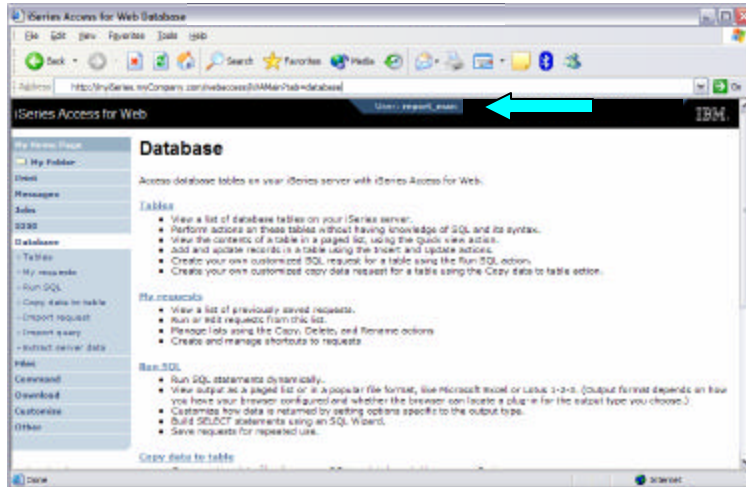
Example: Simple Database User - Policies

- 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.

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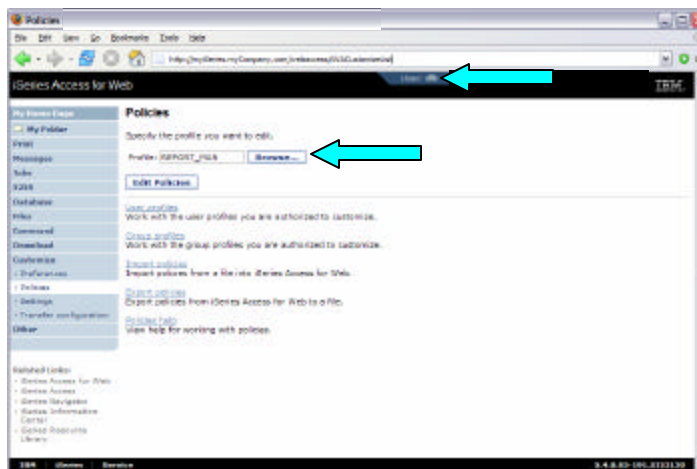
Example: Simple Database User - Categories
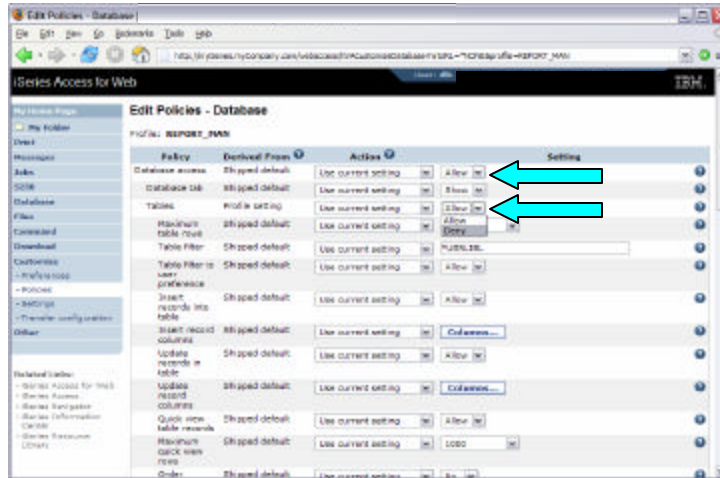
- Determine which categories need to be restricted/modified.

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Example: Simple Database User – Other

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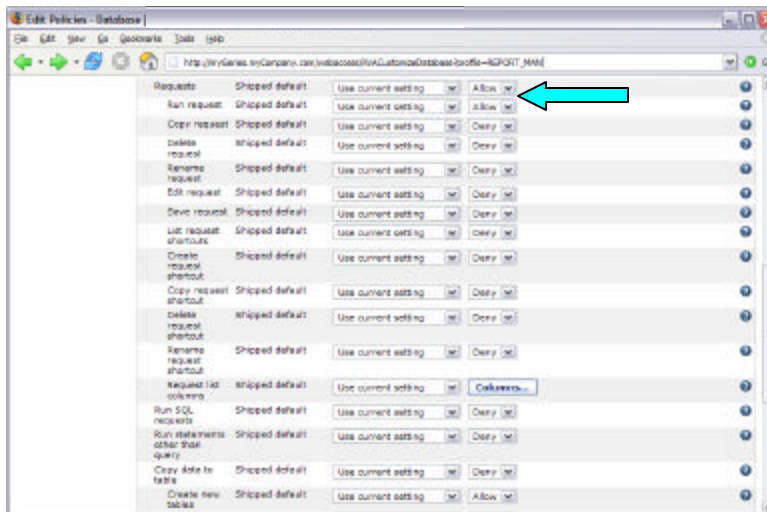- Repeat for each category, other than Database

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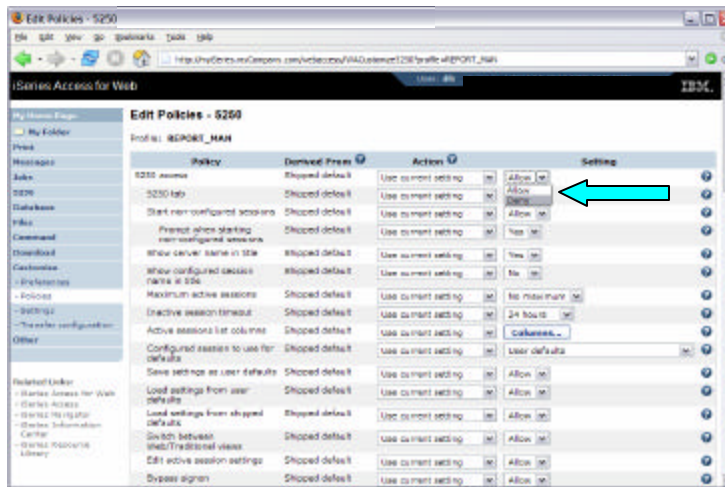
Example: Simple Database User

- Allow access to Database function.
- Set Tables policy to Deny.
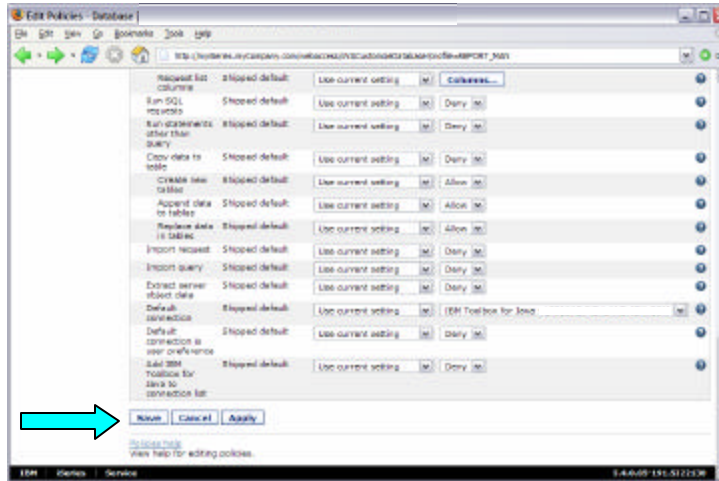
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Example: Simple Database User

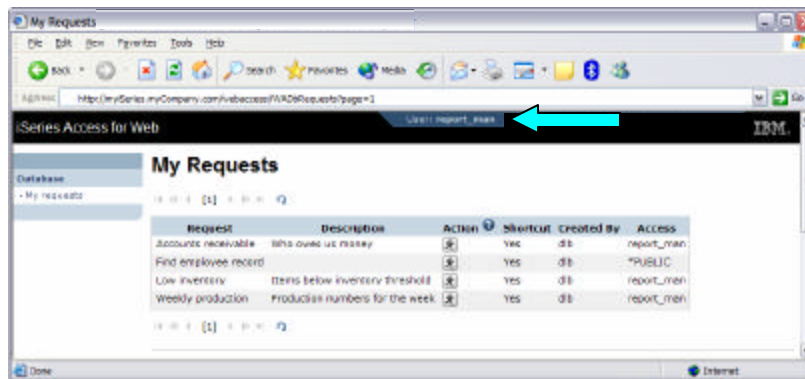- Only allow the user the ability to run a saved DB request (Run request)

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Example: Simple Database User

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

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Example: Simple Database User - Completion

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

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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.

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Example: 5250 Access - Before

- Access the 5250 tab iSeries Access for Web Main page as user ONEMANAGER.
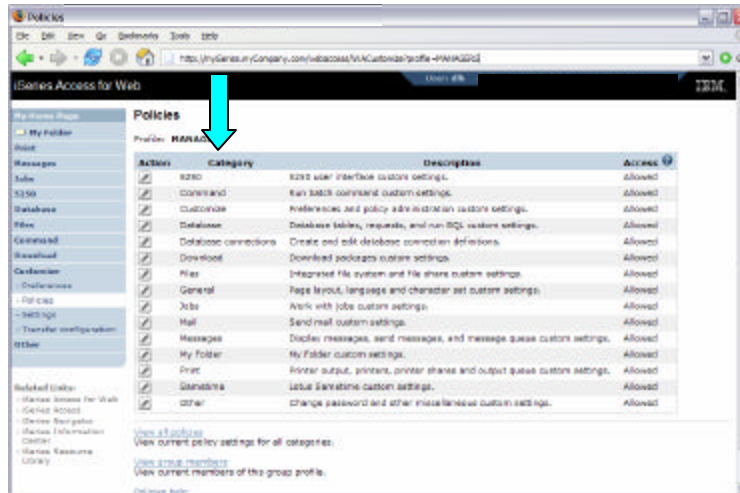
Simplify your IT.
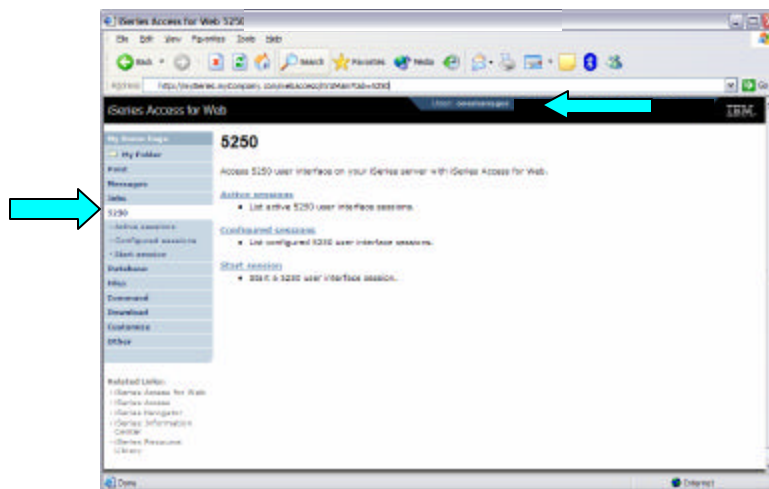
Example: 5250 Access - Policies

- 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.

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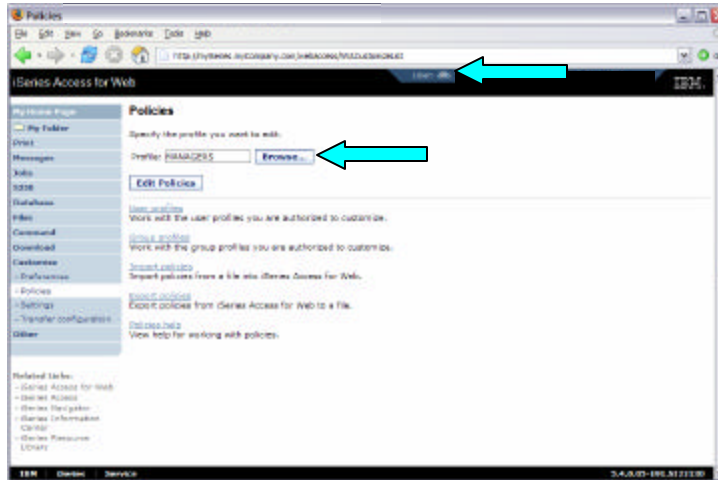
Example: 5250 Access - Categories

- Determine which categories need to be restricted/modified.

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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.

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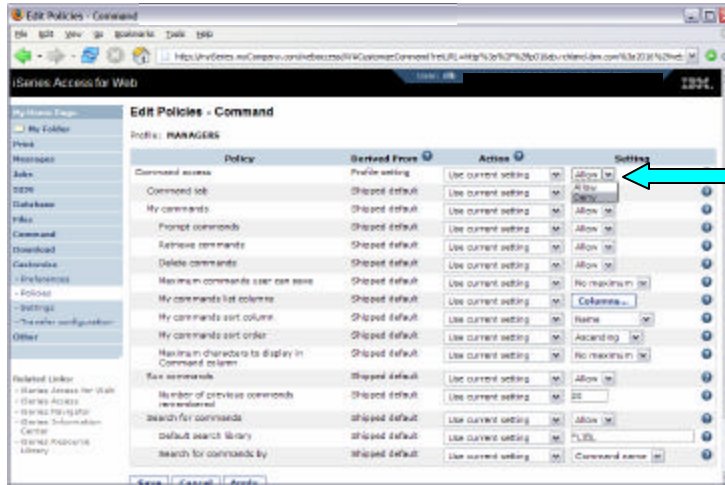
Example: 5250 Access – Functional Setup

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

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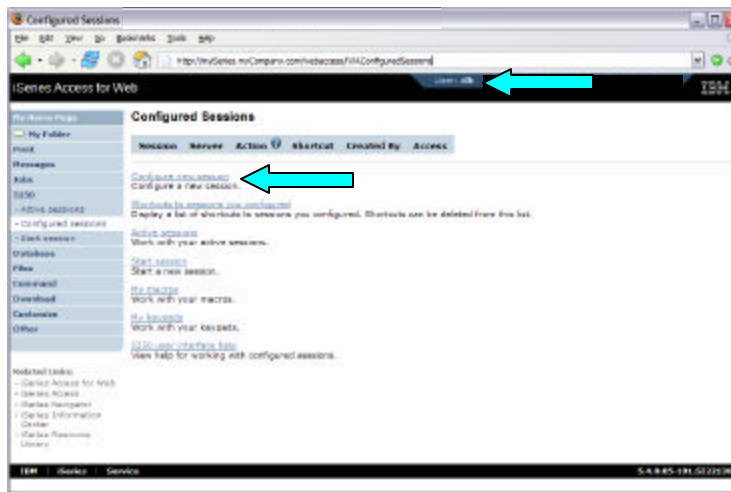
Example: 5250 Access – Functional Setup

- 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.

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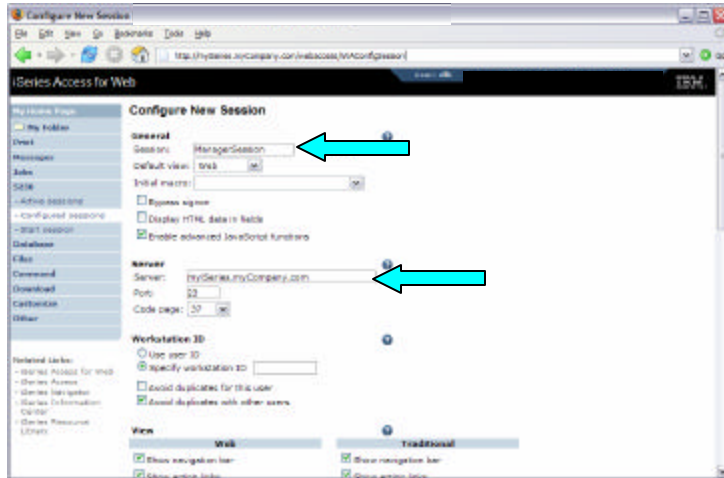
Example: 5250 Access – Functional Setup

- 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.

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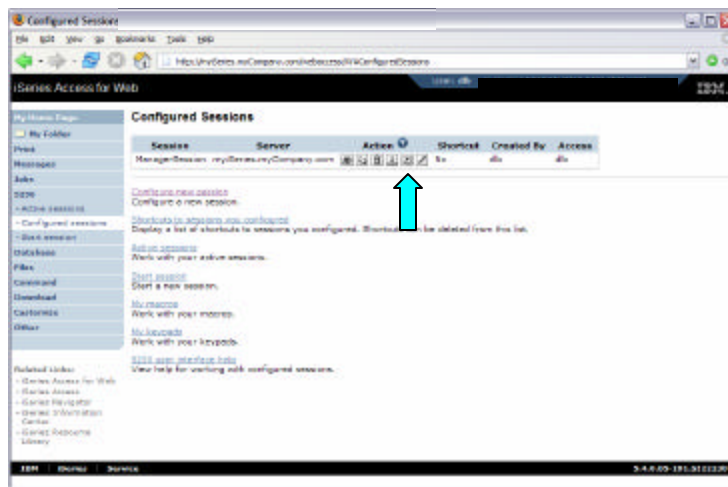
Example: 5250 Access – Functional Setup

- Name the shortcut whatever you wish.
- Session can be shared with MANAGERS group, *PUBLIC, or individual profiles.
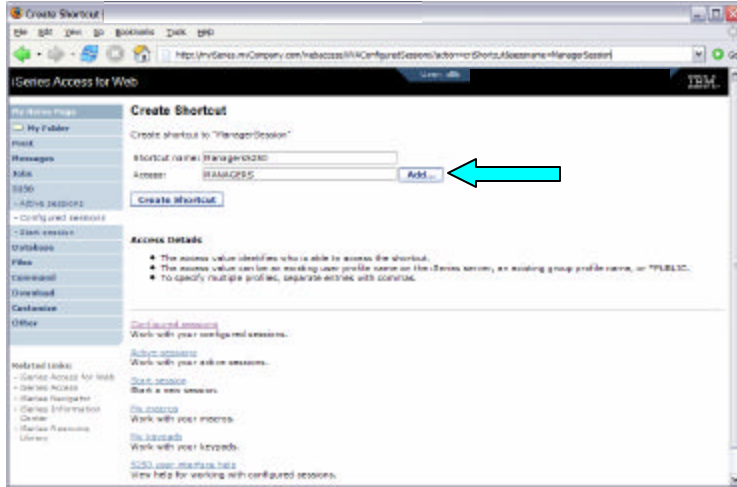
Example: 5250 Access – Back to Customize

- 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.
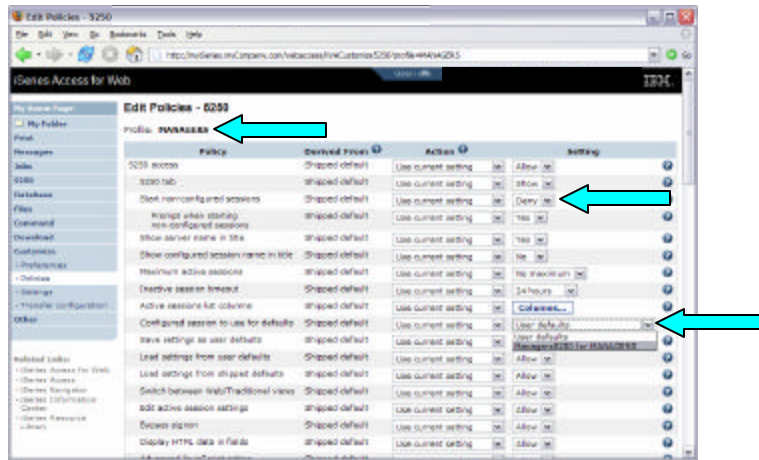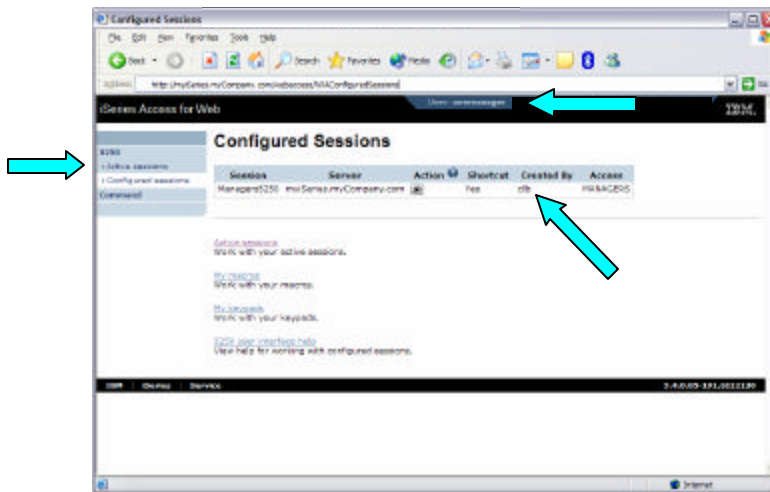
Example: 5250 Access – More 5250 Settings

- 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.
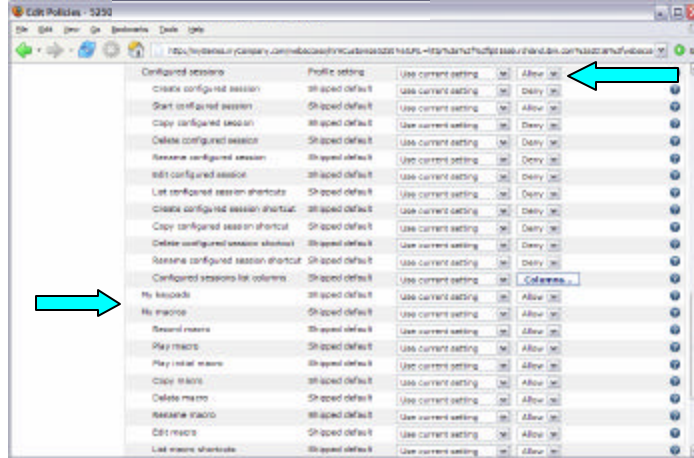
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Example: 5250 Access – After

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

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User Preferences:
Users can set their own Preferences

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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.

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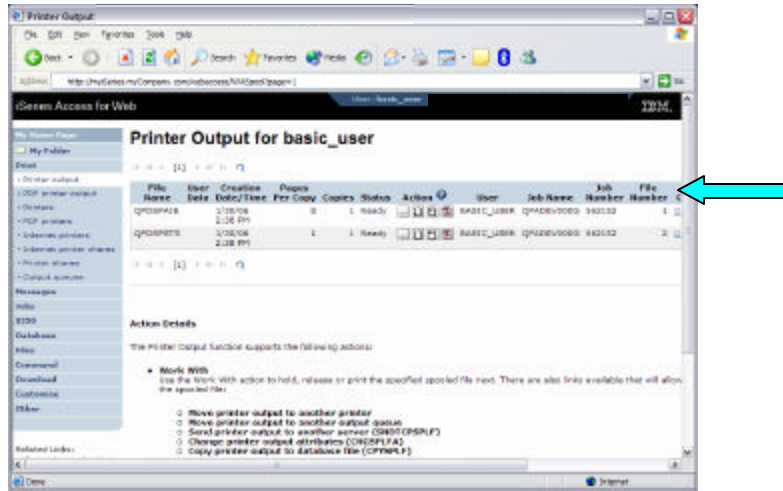
User Preferences (continued)

- 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.

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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.

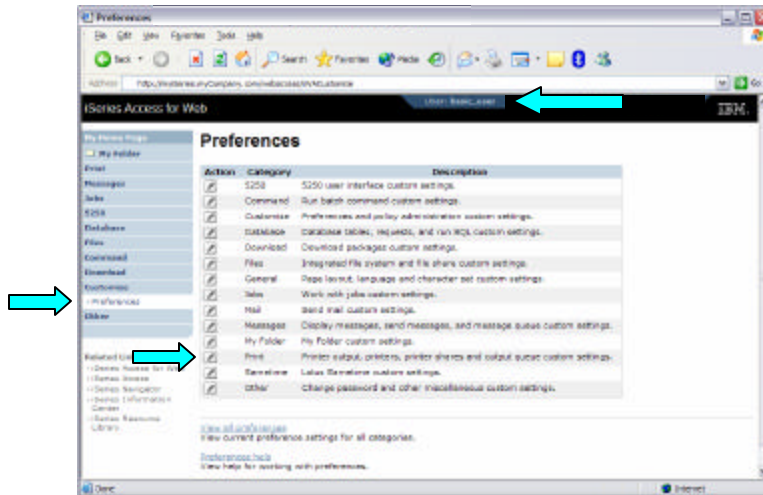- When the policy is set, it takes effect immediately.

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Example: User Preferences, Printer output (continued)

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

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Example: User Preferences, Printer output (continued)

- Click on the Customize tab to work with Preferences.

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Example: User Preferences, Printer output (continued)

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

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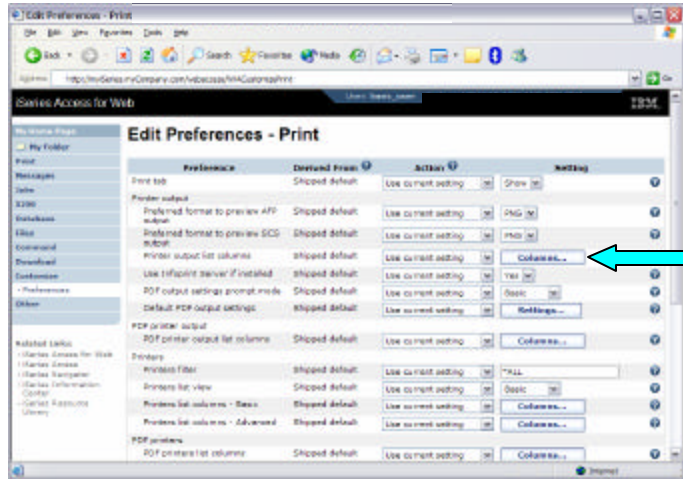
Example: User Preferences, Printer output (continued)

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

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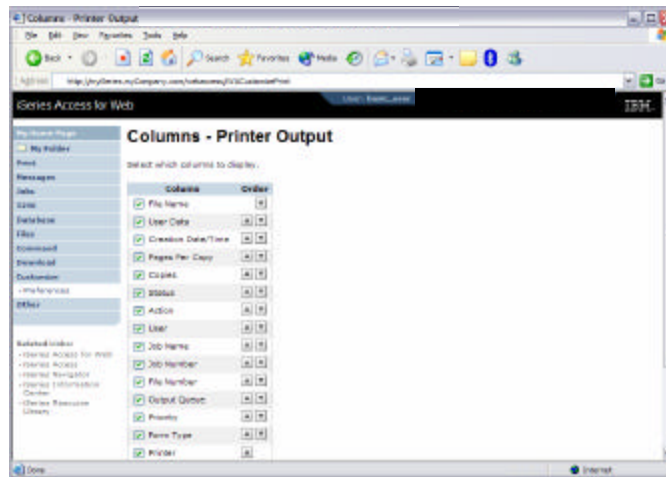
Example: User Preferences, Printer output (continued)

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

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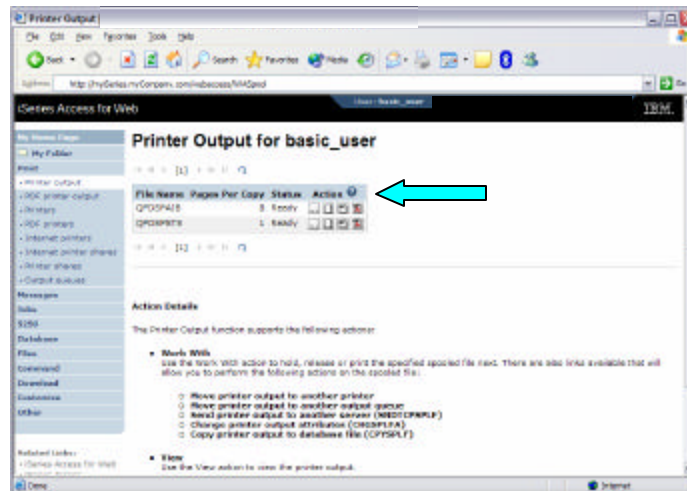
Example: User Preferences, Printer output (continued)

Tips

- This example walks through the user modifying the printer output they see. 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.

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E-mail Setup

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E-mail Customization

- iSeries Access for Web allows you to e-mail...
  - Database query results, printer output PDFs, command completion notifications, etc.

  - E-mail notifications can also be sent when items are placed into personal folders.

- Using the Mail function...
  - Users must first have an email address configured for their user profile. The administrator may configure this or allow users to configure their own email address in the Mail settings.

  - The administrator must also specify the name of the SMTP mail server to be used by the user profile or group.

  - If the user has an SMTP user ID and SMTP domain defined in an i5/OS directory entry, those values will be used, unless other values are entered into the iSeries Access for Web configuration.

  - Individual users may be restricted from using the Mail function using the Mail Preferences function.

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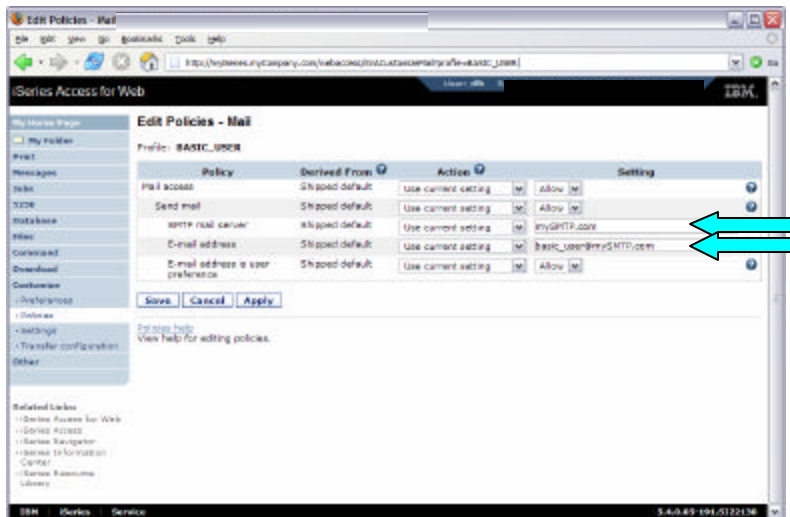## Setting iSeries Access for Web to use E-mail

- Customize a selected profile
- Select the Mail edit link

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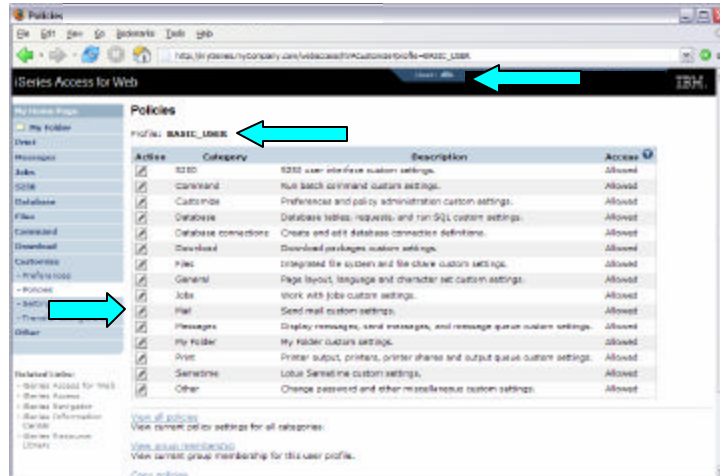
Setting iSeries Access for Web to use E-mail (continued)

- Enter SMTP mail server name, enter E-mail address

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Setting iSeries Access for Web to use E-mail (continued)

- Select **My Folder** link from main Customize categories page
- To get notified when items are added to Personal folder, enable it and add e-mail address

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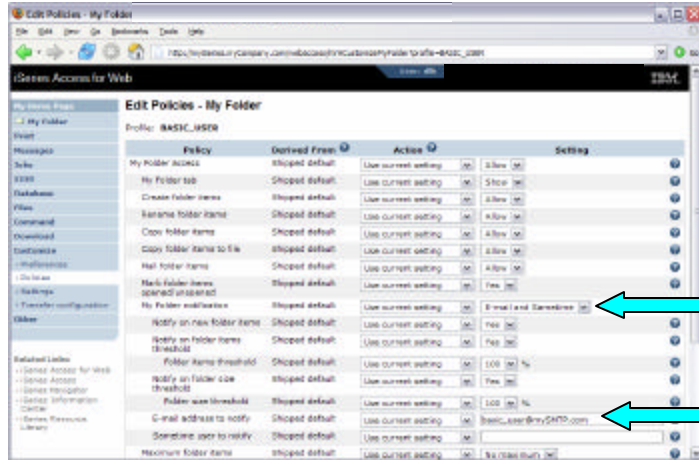
Using iSeries Access for Web and E-mail
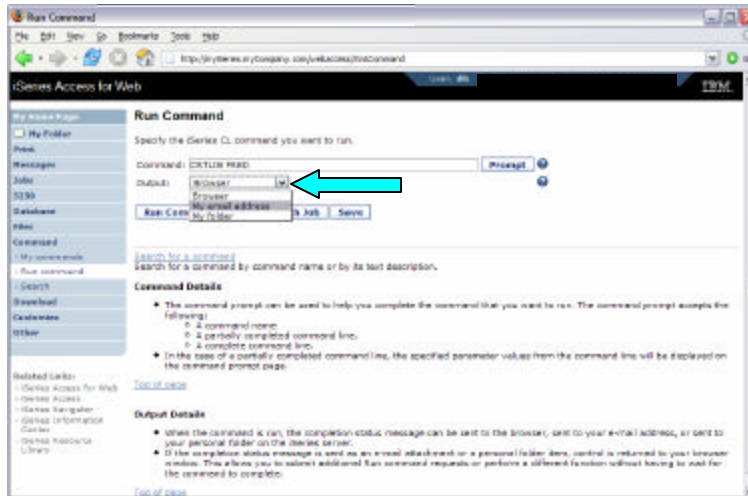
- From the **Database** function, the Excel formatted result from the Run SQL function can be e-mailed when the query completes.

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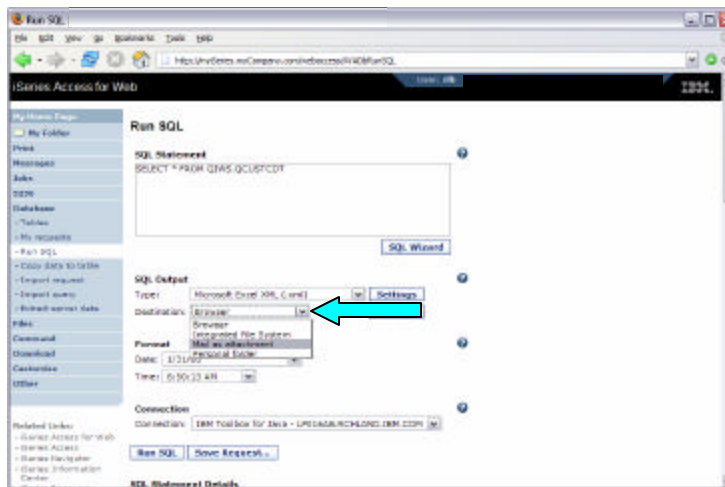
Using iSeries Access for Web and E-mail (continued)

- From the **Command** function, the output from the Run Command can be e-mailed when the command completes.

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What's New

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New for V5R3

- New/Updated categories and policies
  – Sametime and Download new categories
  – Many 5250 policies added
- Page customization
  – The iWA Main page can be replaced
- File
  – File contents can be viewed in same window (new) or separate window (old way)
- Print
  – Choose preferred formats to preview various types of printer output
- My folder
  – Limit the folder's size and number of items
  – Sametime notification added
- Import/Export settings
  – Officially supports Mail and Sametime settings (Other policies should be included)
  – Pick a user or group for export
- User Interface rework
  – Simplify finding categories
  – Turn off related links section
  – Lock down entire functional categories
  – Online help for all policies

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New for V5R3 (continued)

- iSeries Access for Web global settings (timeouts, time intervals , ports, Community server, etc.)
- Only administrators can access this function

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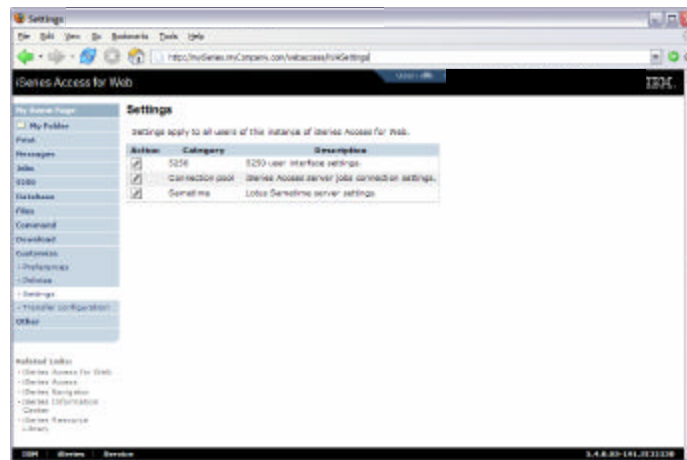
New for V5R4

- Style sheet support
  - Allows look-and-feel customization of iSeries Access for Web content

- 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

- New home page support
  - Usable navigation content
  - Update information and product links

- New product look
  - Using cascading style sheet shipped with product
  - Action links are now images

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Transfer Configuration Data
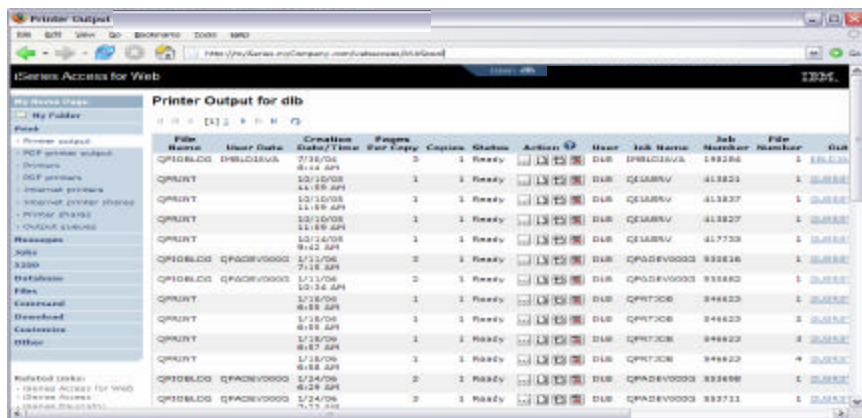
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New Home Page

New Product Look

If you don't like the new look…
- Use Customize to change to use a custom template/style sheet
- Change to use text instead of images for action links
- These settings are in General section of policies

Page customization

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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.

- Demo coming up!

- Great article - example
  - "Build a quick and easy Web site with iSeries Access for Web" - Janet Weber
  - http://www.ibm.com/servers/eserver/iseries/access/pdf/build_website_article.pdf
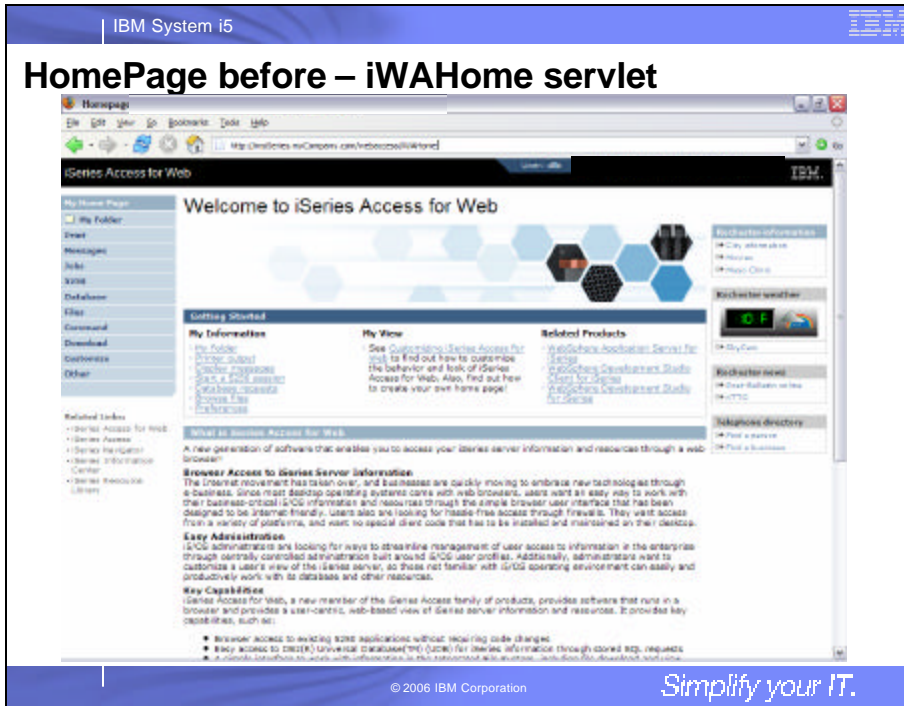 - iSeries 400 Experts Journal
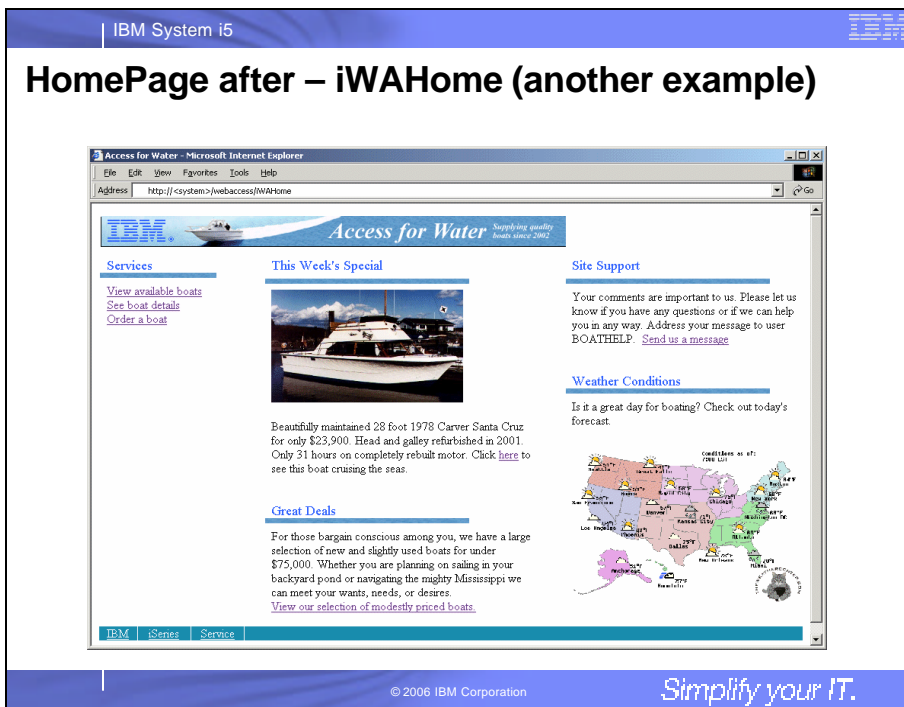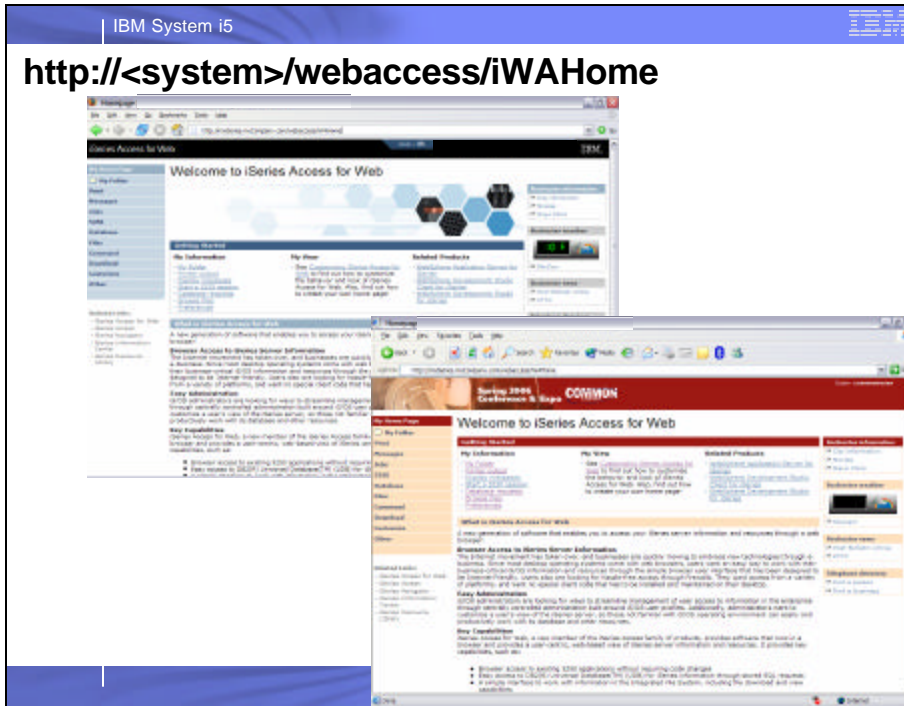
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Template file customization

- iSeries Access for Web has a default look for it 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.

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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…**   **Replaced with…**
  – %%CONTENT%%   functional content for the page, separates the header/footer
  – %%include section=file%%   HTML section/fragment to include
  – %%MENU%%   navigation bar
  – %%STYLESHEET%%   default style sheet
  – %%STYLESHEET_CLASSIC_COLORS%%   default style sheet prior to V5R4
  – %%TITLE%%   title of the page
  – %%SYSTEM%%   name of iSeries being accessed
  – %%USER%%   i5/OS user profile used to access the server
  – %%VERSION%%   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
  – iSeries Access for Web Open Lab has an exercise on customizing the home page.
  – Demonstration information later in this presentation.

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HomePage before – iWAHome servlet

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HomePage after – iWAHome servlet

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http://<system>/webaccess/iWAHome

HomePage after – iWAHome (another example)

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Home Page/Template Customization Example (continued)

- Custom template

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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.

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iWA servlet Template - structure

http://<system>/webaccess/iWASpool

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.
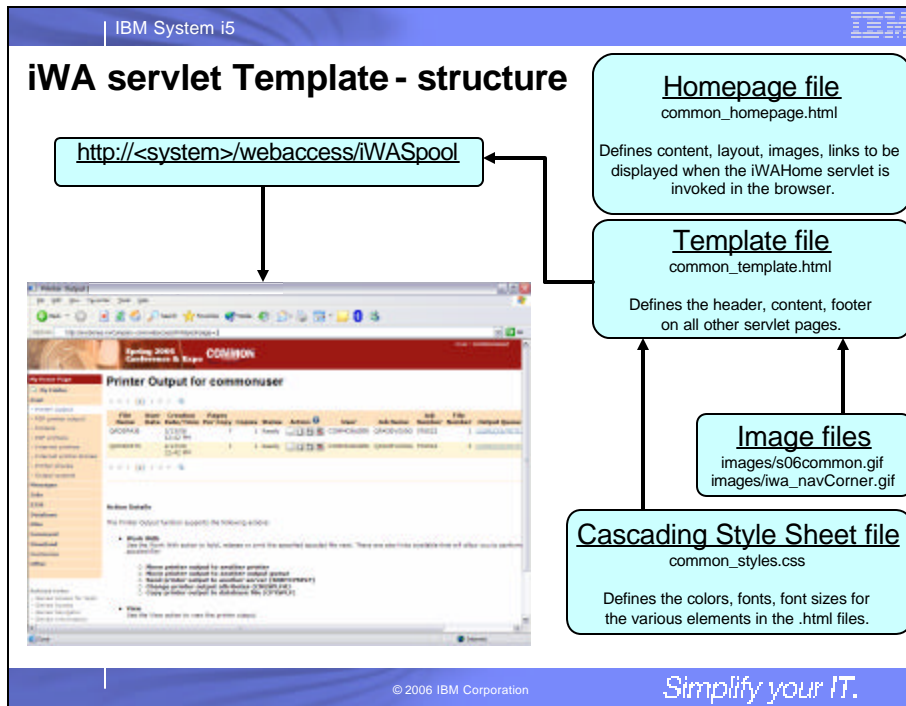
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**Let's demonstrate how to
customize the Homepage and Template**

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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.

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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

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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.

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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
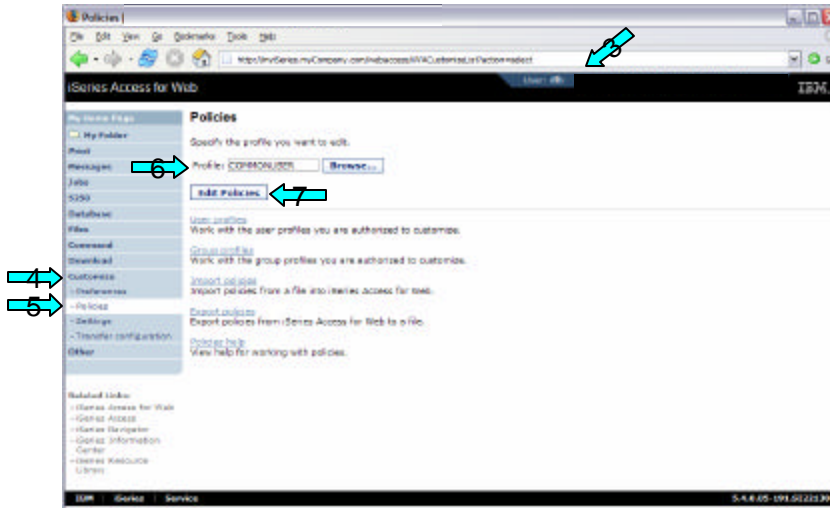
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iWAHome – Steps to customize

- 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.

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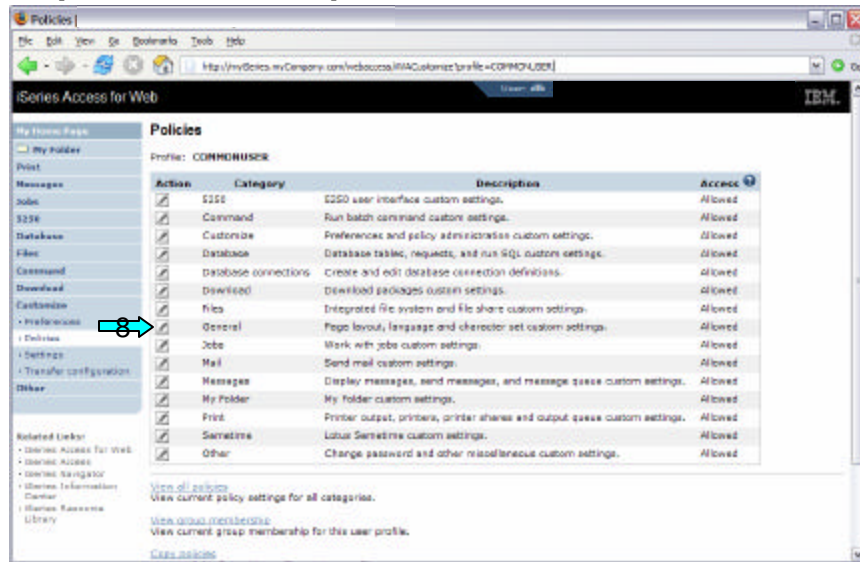

Step 3 - Customize policies to use .html files

- 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.

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Step 3 - Customize policies to use .html files

Step 3 - Customize policies to use .html files

Step 3 - Customize policies to use .html files

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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.

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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 be occur.

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

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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%"><IMG src="images/common_banner.gif" alt="COMMON Spring 2006 Conference & Expo, March 26-30, 2006, Minneapolis, Minnesota" border="0" width="468" height="60"></TD>
        - <TD><A href="#main"><IMG src="%%CONTEXT%%iWAImages/en/images/iwa_c.gif" alt="Skip to main content" border="0" width="17" height="1"></A></TD>
    5. Save the changes.
    6. Refresh the browser. The image in the header should have changed.

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Step 4 – Update .html files – add header image

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Step 4 – Update .html files – add header image

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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.

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Step 4 – Update .html files – remove footer

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Step 4 – Update .html files – remove footer

After

Before

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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.

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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 1 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.

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Step 5 – Update cascading style sheet

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Step 5 – Update cascading style sheet

Original navigation bar settings   Changed navigation bar settings

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Step 5 – Update cascading style sheet

Step 5 – Update cascading style sheet

IBM System i5

iSeries & WebSphere Resources & Deliverables

iSeries Information Center
http://www.ibm.com/iseries/infocenter

iSeries site
www.iseries.ibm.com /

iSeries WebSphere Application Server
http://www-
1.ibm.com/servers/eserver/iseries/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/iseries/solutions/

iSeries e -business Solutions
http://www-1.ibm.com/servers/eserver/iseries/ebusiness/

iSeries B2B Solutions
http://www-1.ibm.com/servers/eserver/iseries/btob/

Connect for iSeries
http://www-1.ibm.com/servers/eserver/iseries/btob/connect/v11high.html

WebSphere Commerce Suite for iSeries
http://www-1.ibm.com/servers/eserver/iseries/ebusiness/wcs51.html

iSeries and e -commerce
http://www-1.ibm.com/servers/eserver/iseries/ebusiness/ecommerce.htm

iSeries HTTP Server
http://www-1.ibm.com/servers/eserver/iseries/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/iseries/domino/

Dedicated Server for Domino
http://www-1.ibm.com/servers/eserver/iseries/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/iseries/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

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IBM System i5

iSeries & 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/iseries/announce/form.html

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eServer	**IBM (logo)**	**System i5**
✲ eServer	**iSeries**	

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