

Session:

44GH - 420015



Tips and Techniques for iSeries Access for Web

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IBM Rochester

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iSeries Access for Web - Sessions in Chicago

- 1. 31GM iSeries Access for Web: Setup and Configuration
- 2. 32GM iSeries Access for Web: The Browser Alternative!
- 3. 35LA LAB: iSeries Access for Web: Installation and Configuration
- 4. 36LA LAB: iSeries Access for Web: Installation and Configuration
- 5. 41GH iSeries Access for Web Runs in a Portal
- 6. 42GH iSeries Access for Web: Run 5250 in a Browser
- 7. 44GH Tips and Techniques for iSeries Access for Web
- 8. 45GM iSeries Access for Web: Database Access
- 9. 51GI Programming with iSeries Access for Web
- 10. 52GH iSeries Access for Web: Control Access to your iSeries Resources
- 11. 53GH iSeries Access for Web: Printing Made Easy Through Your Browser
- 12. 55LA OPEN LAB: iSeries Access for Web
- 13. 56LA OPEN LAB: iSeries Access for Web

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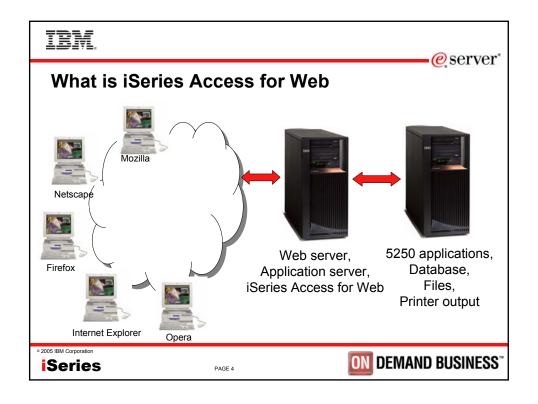
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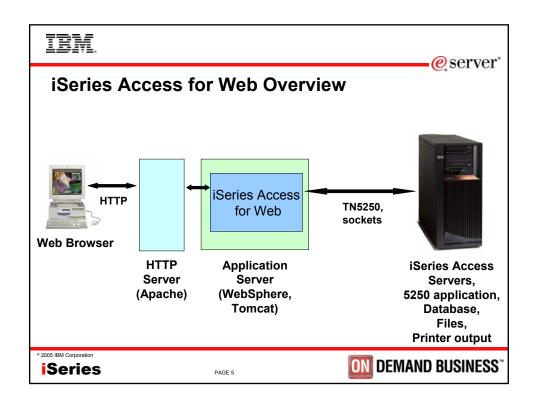
Overview

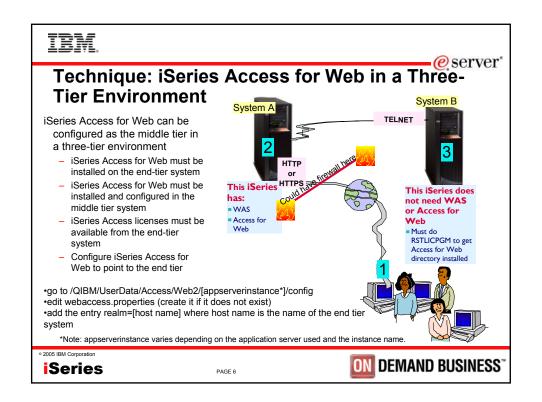
- · iSeries Access for Web
 - Web browser access to i5/OS resources
 - 5250
 - File
 - Print
 - Database
 - Messages
 - Commands
 - And more...
 - Requires application server
 - WebSphere
 - Tomcat
 - Does not require client software other than a web browser











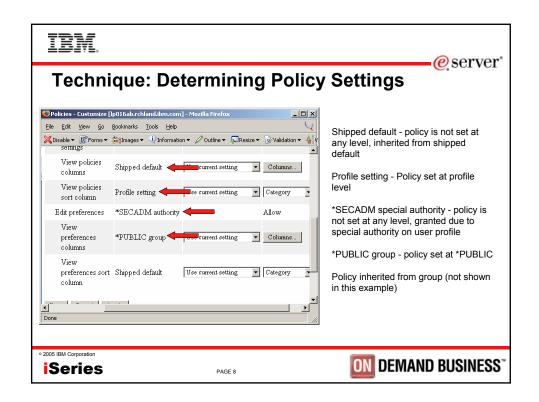


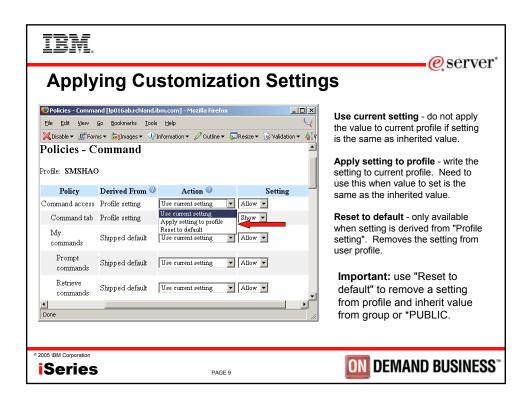
Tip: Manage User Access

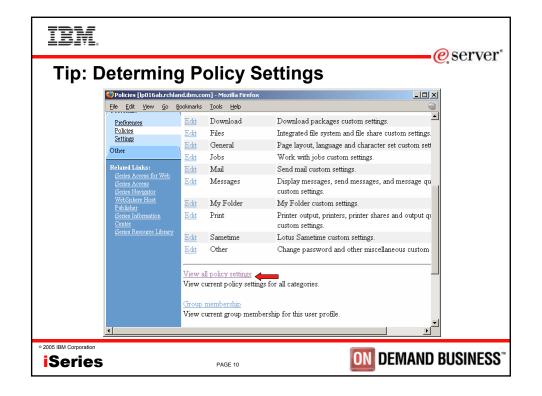
- · Customize policies for users and groups to
 - allow/deny functions users can access
 - limit the information users can see
- Use group profiles
 - manage policies for group profiles
 - add/remove users from groups
- Use *PUBLIC to set policies for all users
 - two strategies
 - allow all and deny specific users/groups
 - · deny all and allow specific users/groups

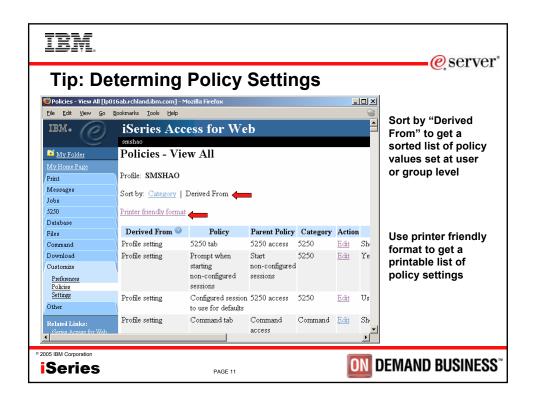
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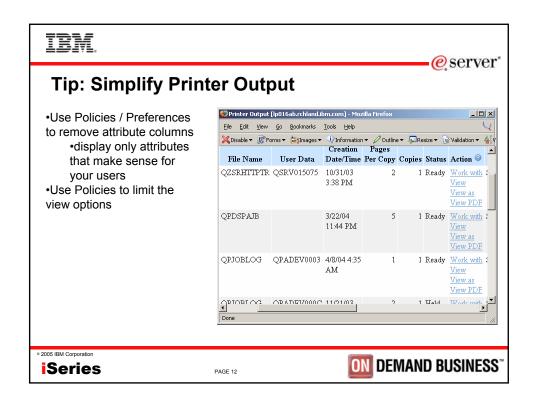












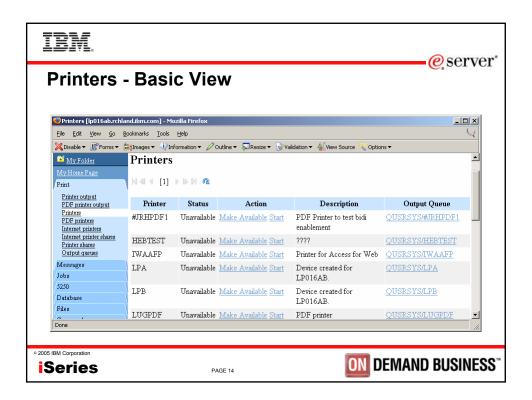


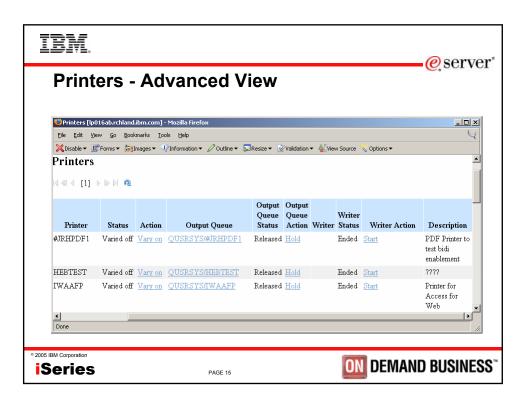
Tip: Take Advantage of Printer Views

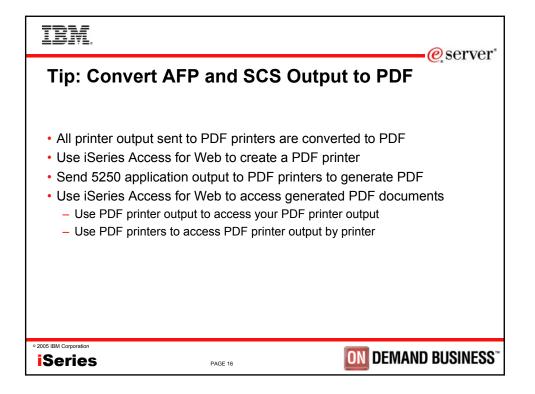
- Use customize preferences or policies to control the printer view
 - Basic
 - · hides the iSeries printer concept
 - · simplified actions to control printers
 - Advanced
 - · traditional iSeries printer
 - · advanced actions
 - · starting/stop writer
 - · hold/release output queues
 - · vary on/off device











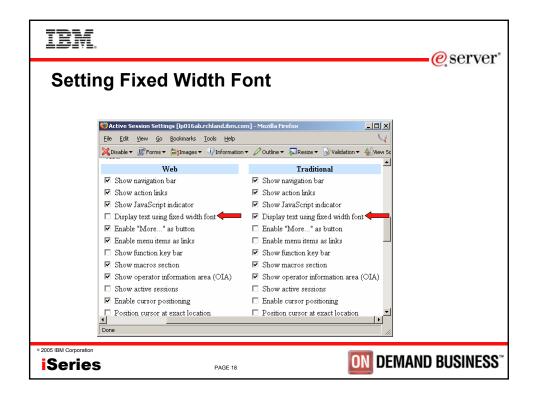


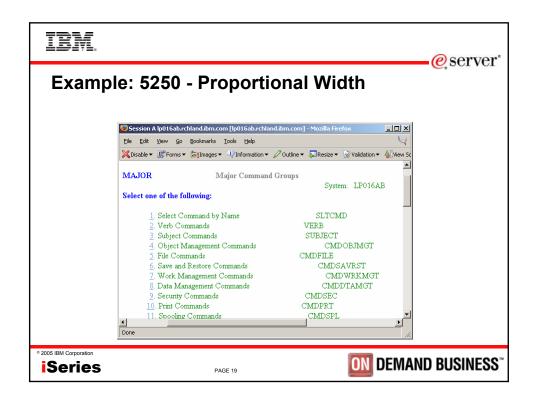
Tip: Use Fixed Width Font for 5250 Session

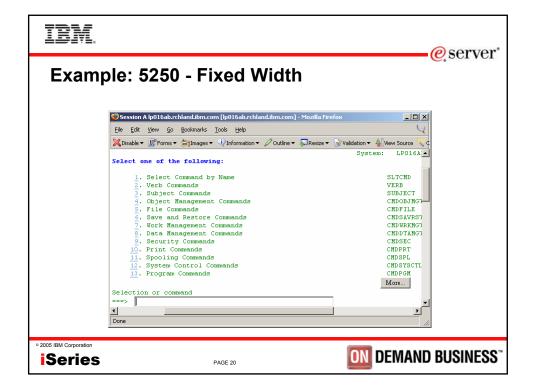
- Use fixed width font for screens that don't align correctly
 Use the "Active session settings" link to change the setting
- Use web and traditional view to quickly switch settings

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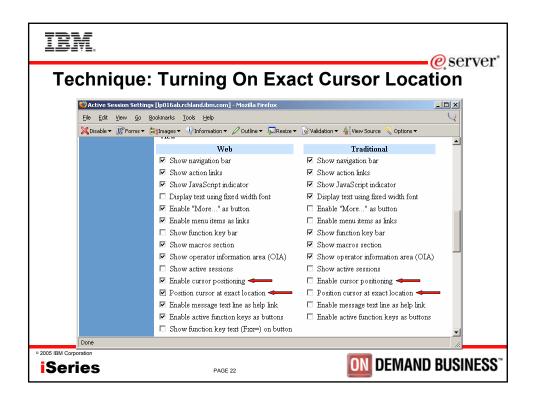
Tip: Position Cursor at Exact Location

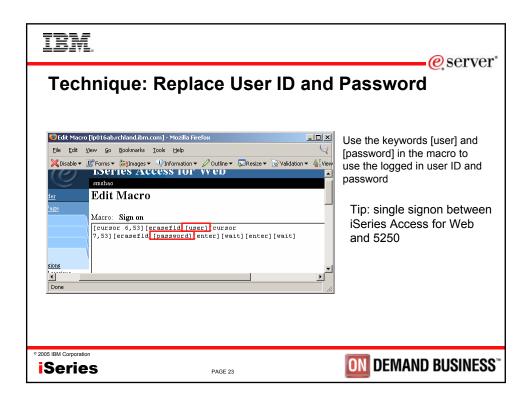
- Some 5250 application are cursor sensitive
 - Help
 - Prompting
- iSeries Access for Web 5250 interface allow positioning cursor by clicking on the field
 - Default behavior place the cursor at the start of field
 - V5R3 added the ability to place the cursor at every location for those applications that differentiate cursor locations within a field

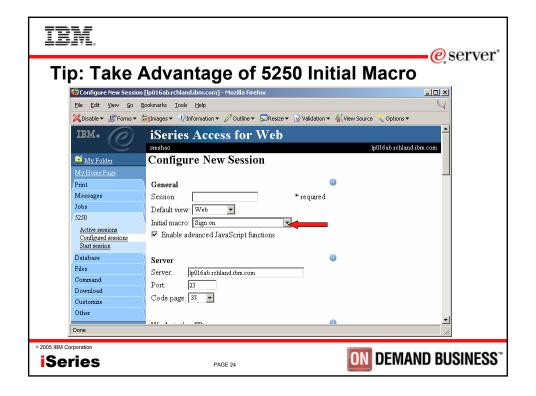
Tip: turning on position cursor at exact location results in larger HTML file. Turn this capability on and off as needed.











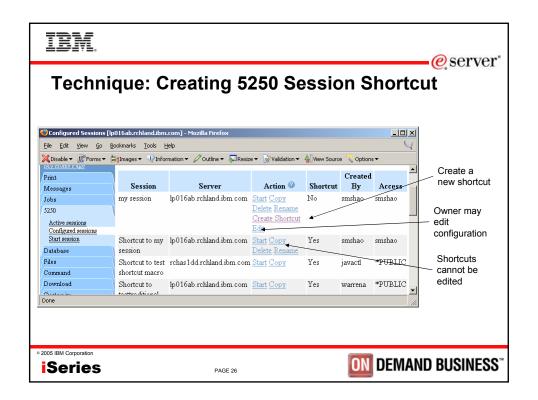


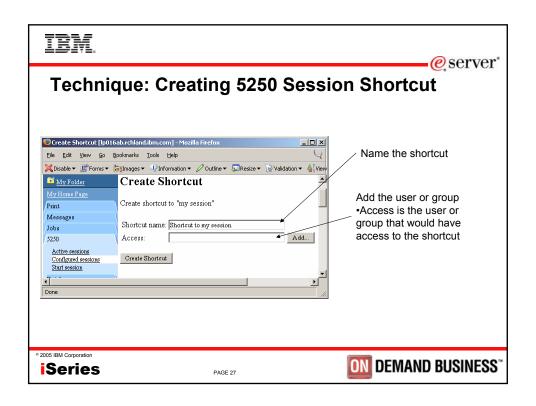
Tip: Take Advantage of 5250 Shortcuts

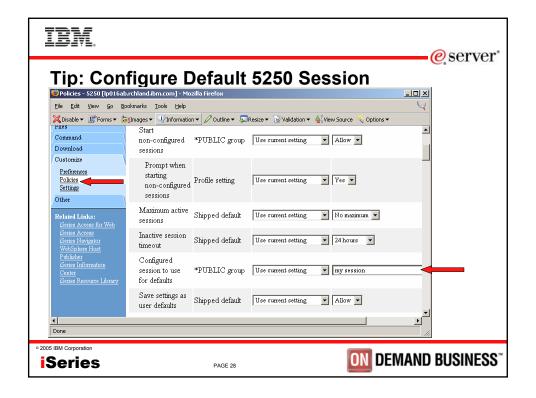
- Shortcut is a pointer to the actual object
 - Configured session
 - Macro
- Shortcuts can be created for user or group
 - Share configuration with other users
- Owner of the object has read/write access
 - Edit/modify configured session, macro
- Owner of the shortcut has read access
 - Use session configuration, macro
 - Deleting a shortcut only deletes the shortcut, does not delete the actual object

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Tip: Share an Active 5250 Session • Share an active session with other users or groups of users • Shared session is read only - Others can only view the session • Shared session is not refreshed automatically as screen content changes - Use browser refresh button to refresh the content

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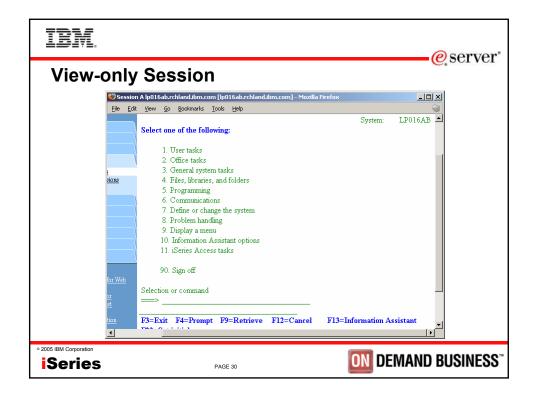
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- Ex. help desk

PAGE 29

Useful for showing someone the screen content







Tip & Technique: Integrating 5250 with Your Web Page

- Use the URL http://[host]:[port]/webaccess/iWA5250
 - Documented in the URL documentation on the web
 - Starts a new session if the user does not have an active session
 - Reconnects to the last accessed active session if the user has one or more active sessions
 - Use initmac parameter to execute a macro at session startup
 - If the parameter is present, and there is not an active session, a new session is started, and the macro is executed
 - · Useful for taking a user directly into an application
 - ex: http://myhost/webaccess/iWA5250?initmac=mymacro will start a new 5250 session and execute the macro named mymacro if there is not an active session

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PAGE 31



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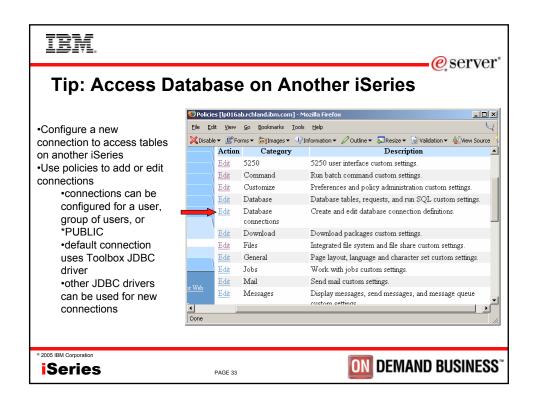
Tip: Create Shortcuts to Saved Database Requests

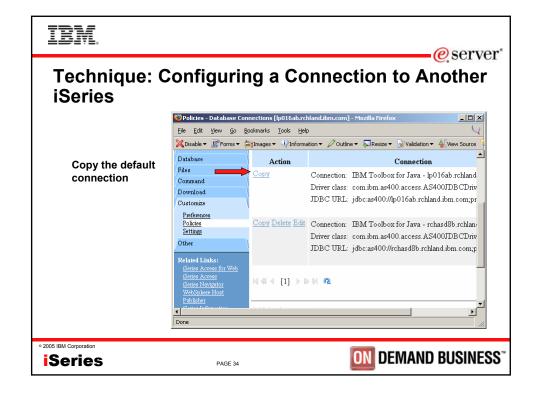
- Shortcuts to a saved request to make the request available to another user or group of users
 - Shortcut is a reference to the actual request
 - Maintain ownership of the request
 - Changes to the request is automatically reflected to shortcut

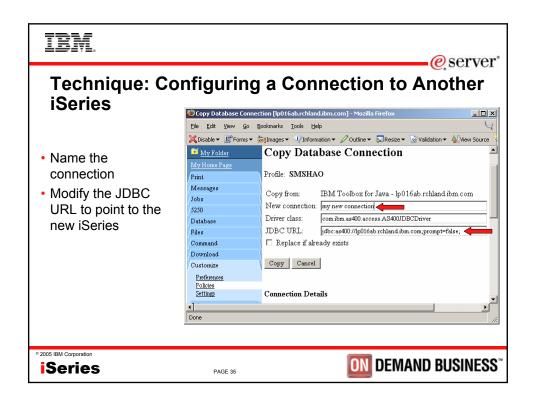
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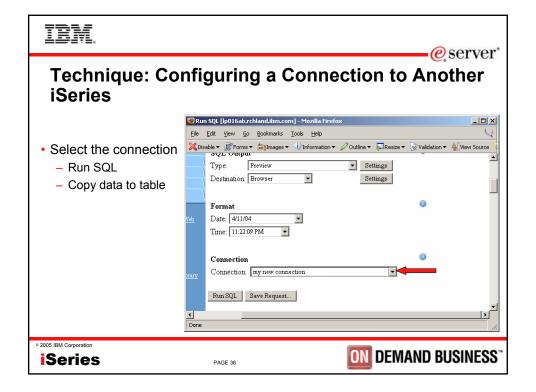
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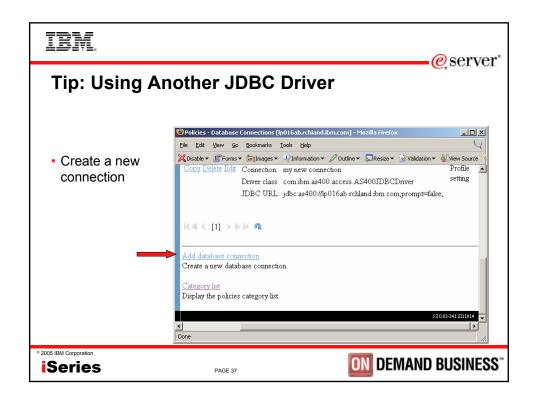


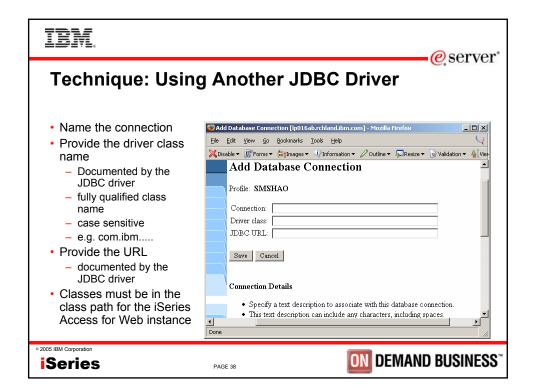












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Tip: Extract Server Data

- Use Extract Server Data to gather information on the server
 - User profile information,
 - Product information,
 - PTFs,
 - Directory entries,
 - And more...
- · Information is extracted into a database table
- Use Run SQL to create queries against the extracted data

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PAGE 39



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Using Another JDBC Driver

- Support
 - Unsupported except the native driver
- iSeries user ID and password are used for the JDBC connection

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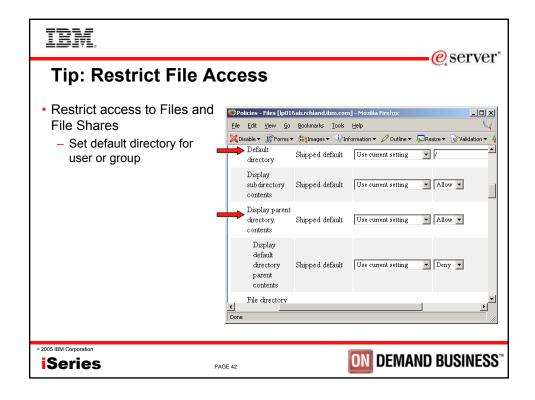


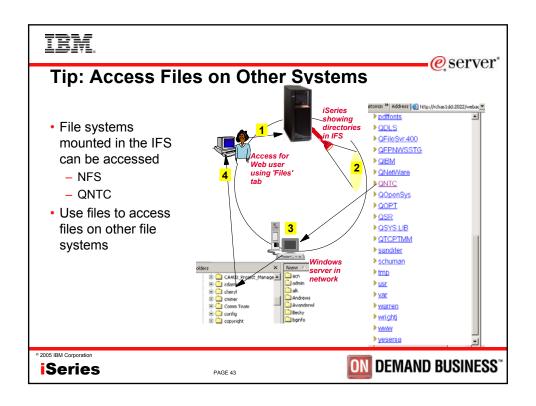
Tip: Scope of Database Connection

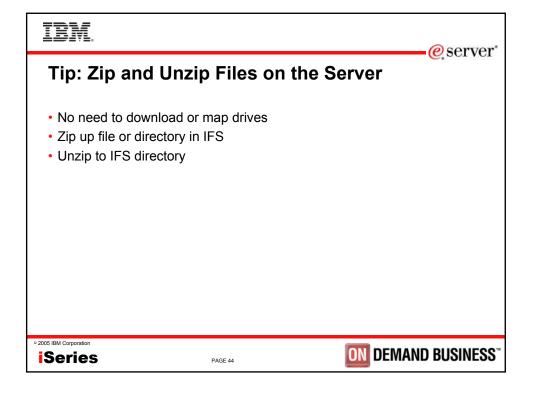
- Database connections can be configured for *PUBLIC, group or user profile
 - Create connection for user or group to hide connection from other users or groups
 - Create connection for *PUBLIC to give everyone access to a connection

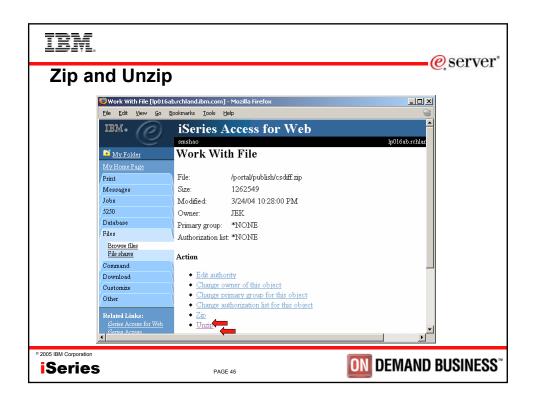
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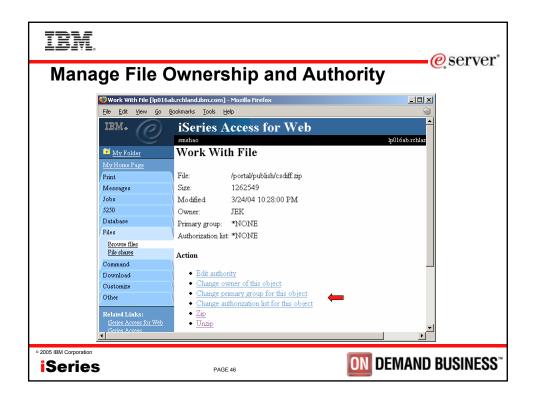


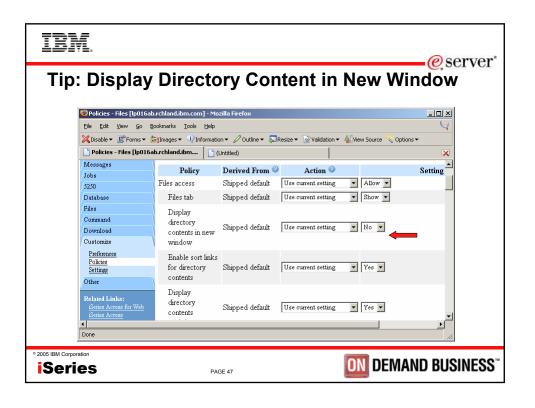


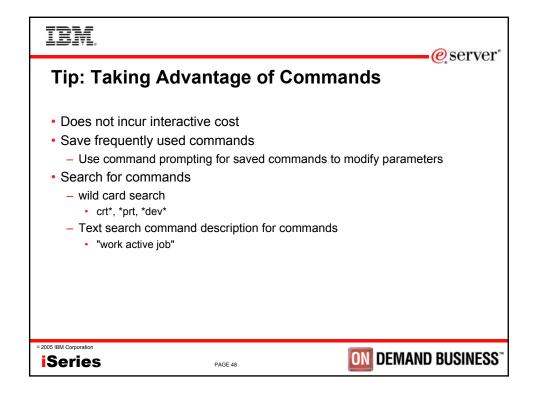












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Tip: Mail and Personal Folder

- Allows asynchronous execution
 - database access
 - Commands
 - View PDF
- Use mail or personal folder when
 - task (query, command) takes a long time to execute
 - automatically send the result to other users
- · Use personal folder when
 - user is an iSeries user
 - the resulting output is large
- · Use email when
 - user is not an iSeries user

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PAGE 49



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Tip: Setting Up Users for Mail

- Set SMTP mail server for *PUBLIC
 - All users use the same SMTP server
 - Can set SMTP server for specific user or group to override *PUBLIC setting

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Tip: Folder Notification

- · Set up for email notification
 - mail must be set up (SMTP server and email address)
 - set "Send e-mail on new folder items" to "yes"
 - notification email address does not have to be the same as mail settings
 - · defaults to email address in the mail setting
 - · override with email address of cell phone, or pager

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PAGE 51



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Tip: Use Sametime for Notification and Broadcast

- Configure for Sametime server information and associate Sametime user with iSeries user profile
- · Sametime can be used for
 - Notification (like email)
 - Broadcast message (like break message)

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Tip: Navigating the Pages

- Most iSeries Access for Web pages are bookmarkable
- Use bookmarks/favorites to access frequently access functions directly
- Feel free to use the the browser "Back" button
 - except 5250 session
- Use browser history list to go back to a previous page

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PAGE 53



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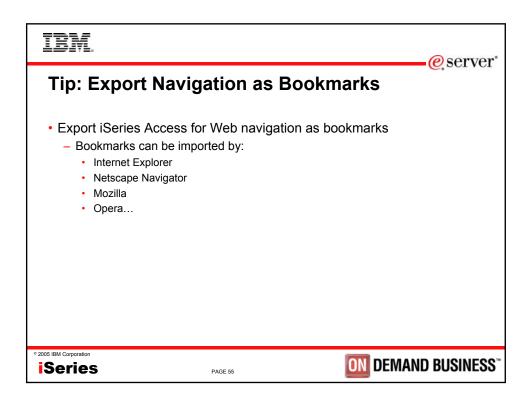


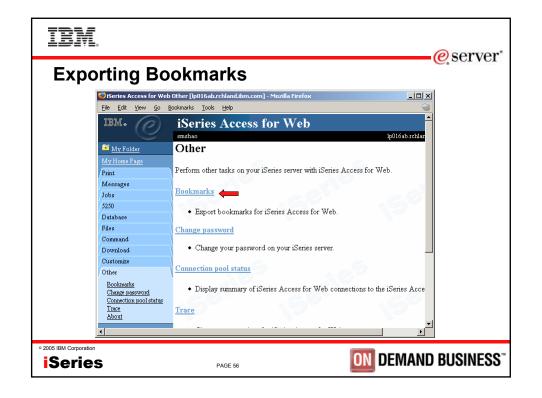
- URL syntax documented at http://www.ibm.com/servers/eserver/iseries/access/web/
- Use URLs to integrate with other web applications
- Bookmarked URLs may be used
 - undocumented URL syntax may change in the future

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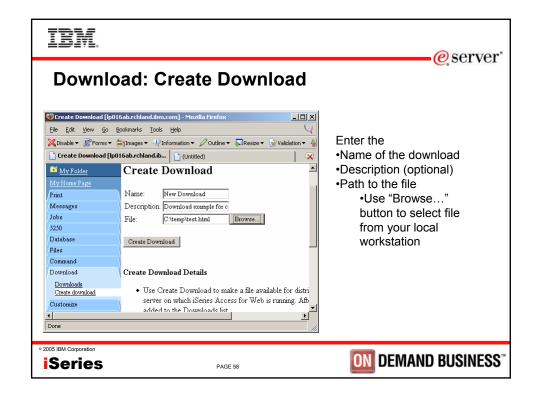


Tip: Use Download for File Distribution

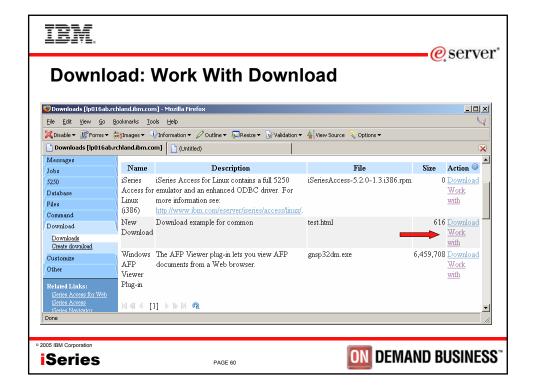
- Method to distribute files to users
 - Manage access by OS/400 users and groups
 - Users only see files they are authorized to
- iSeries Access for Linux is configured for download by default
 - Visible to profiles with SECADM only
 - Need to configure access to all other users

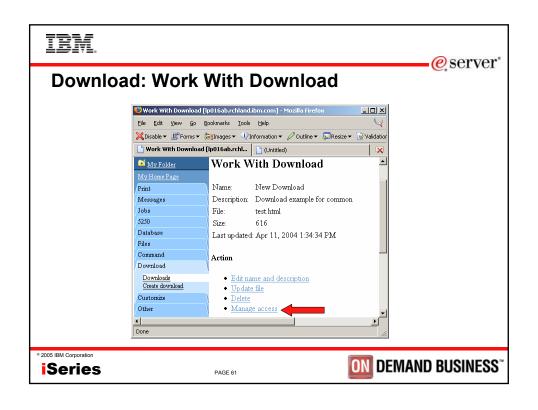
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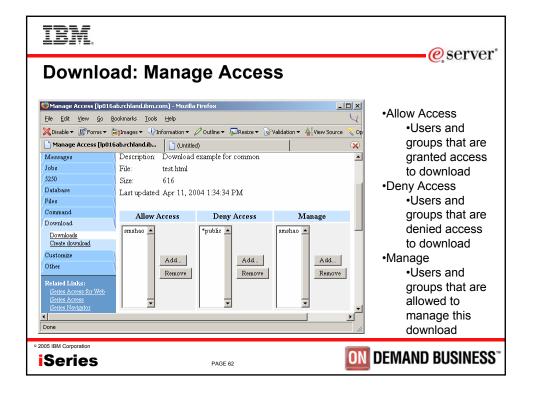




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