



IBM eServer iSeries

Session: 32MN - 440281

Access for Web: Run 5250 in a Browser

Schuman Shao
smshao@us.ibm.com
IBM Rochester

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why "i"? it's simple.

IBM eServer iSeries



iSeries Access for Web – Sessions in Orlando

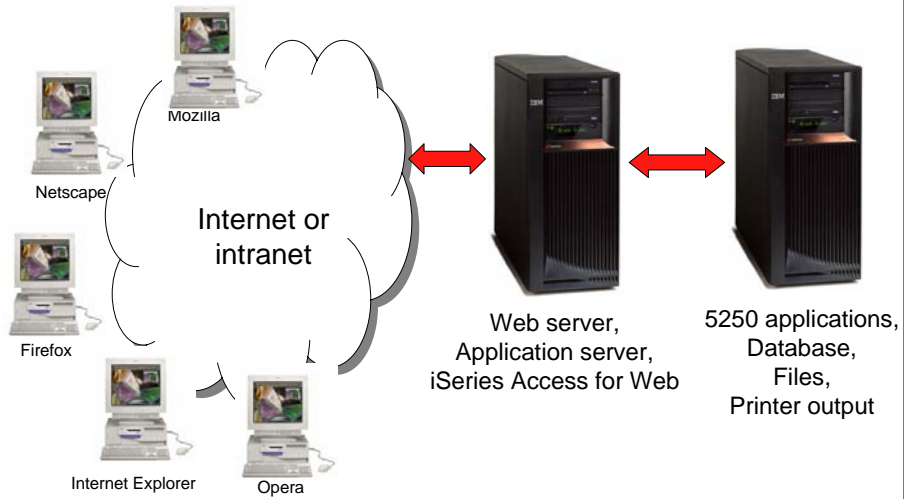
1. 25MN - iSeries Access for Web: The Browser Alternative!
2. 25MN - Tips and Techniques for iSeries Access for Web
3. 31MN – iSeries Access for Web: Real World Usage **(NEW!)**
4. 32MN - iSeries Access for Web: Run 5250 in a Browser
5. 33MN - iSeries Access for Web: Setup and Configuration
6. 35LC - LAB: iSeries Access for Web: Installation and Configuration 
7. 36LC - LAB: iSeries Access for Web: Installation and Configuration 
8. 41LC - OPEN LAB: iSeries Access for Web
9. 42LC - OPEN LAB: iSeries Access for Web
10. 45MN - iSeries Access for Web: Database Access
11. 46MN – Programming with iSeries Access for Web
12. 52MN - iSeries Access for Web: Control Access to your iSeries Resources
13. 53MN - iSeries Access for Web Runs in a Portal
14. 54MF - iSeries Access for Web: Printing Made Easy Through Your Browser

 Voted "Best Traditional Lab" at Spring 2005 COMMON

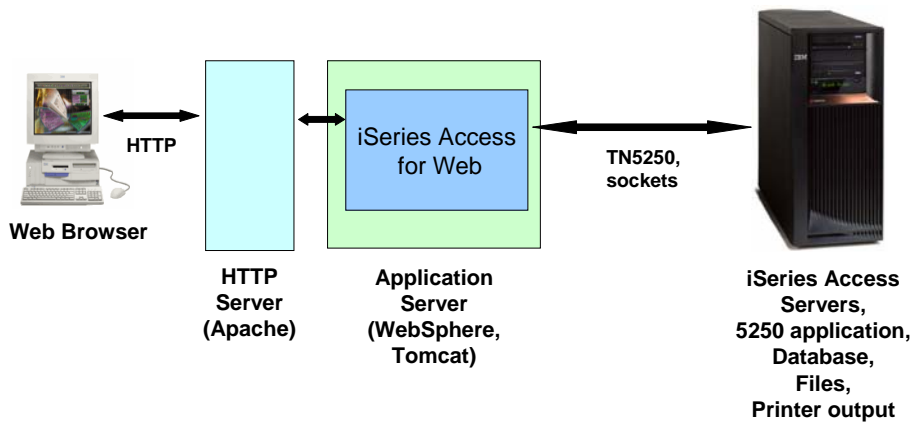
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why "i"? it's simple.

What is iSeries Access for Web



iSeries Access for Web Overview



iSeries Access for Web Functions

- My Personal Folder
- Print
 - Printer output
 - PDF Printer output
 - Printers
 - PDF Printers
 - Internet Printers
 - Internet Printer Shares
 - Printer shares
 - Output Queues
- Database
 - Tables
 - My Requests
 - Run SQL
 - Copy Data to Table
 - Import Request
 - Extract Server Data
- 5250
 - Active Sessions
 - Start 5250 Session
 - Configured Sessions
- Commands
 - Run commands
 - My commands
 - Search
- Files
 - Browse Files
 - File Shares
- Messages
 - Display Messages
 - Send Messages
 - Operator Messages
 - Message Queue
- Jobs
 - User Jobs
 - Server Jobs
- Customize
 - Preferences
 - Policies
 - Settings
- Download
 - List files to download
 - Create download files
- Other
 - Bookmarks
 - Change Password
 - Connection Pool
 - Status
 - Trace
 - About

Access for Web, 5722-XH2

New in V5R3

Access for Web enhanced 5250 interface is

- Fully integrated into Access for Web
- A 5250 interface
- Servlet-based
- Runs on the iSeries
- Sends HTML pages to the browser
- Datastream in Unicode

IBM eServer iSeries

When Starting iSeries Access for Web must Signon

Username and Password Required

Enter username for rchas1dd.rchland.ibm.com at smslnux1.rchland.ibm.com:

User Name:

Password:

OK Cancel

Netscape

Enter Network Password

Please type your user name and password.

Site: smslnux1.rchland.ibm.com

Realm: rchas1dd.rchland.ibm.com

User Name:

Password:

Save this password in your password list

OK Cancel

Microsoft IE

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IBM eServer iSeries

Access for Web Main Page

iSeries Access for Web [ip016ab.rchland.ibm.com] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

IBM. iSeries Access for Web

ip016ab.rchland.ibm.com

My Folder

My Home Page

Print

Messages

Jobs

1250

Database

Files

Command

Download

Customize

Other

Related Links:

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- WebSphere Host
- Publisher
- iSeries Information Center
- iSeries Resource Library

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

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Two ways to start

- Start a session dynamically
- Start a session using a stored configuration

5250 Tab



Start a Session Dynamically

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:

Enter the server name (defaults to the server iSeries Access for Web is running on)

Starting a Configured Session

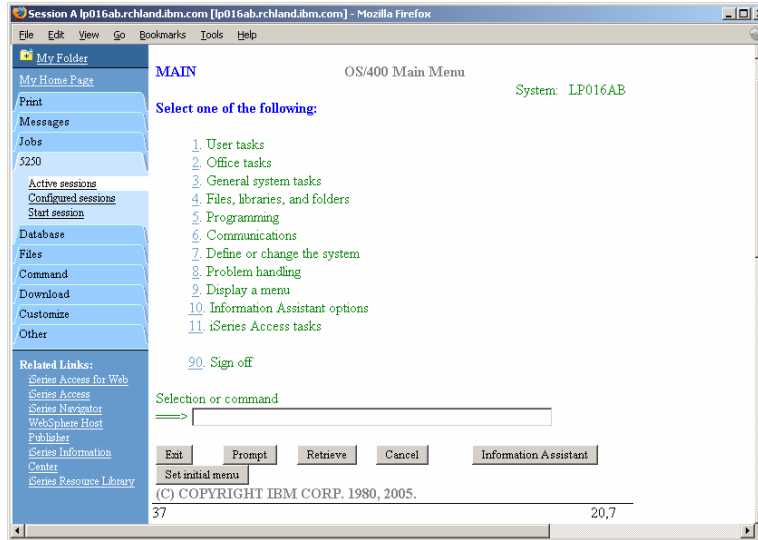
Session	Server	Action	Shortcut	Created By	Access
my session	ip016ab.rchland.ibm.com	Start Copy Delete Rename Create	No	smshao	smshao
Shortcut to my session	ip016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	ip016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Your Access to yoursystem	ip016ab.rchland.ibm.com	Start Copy	Yes	schmieb	*PUBLIC

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

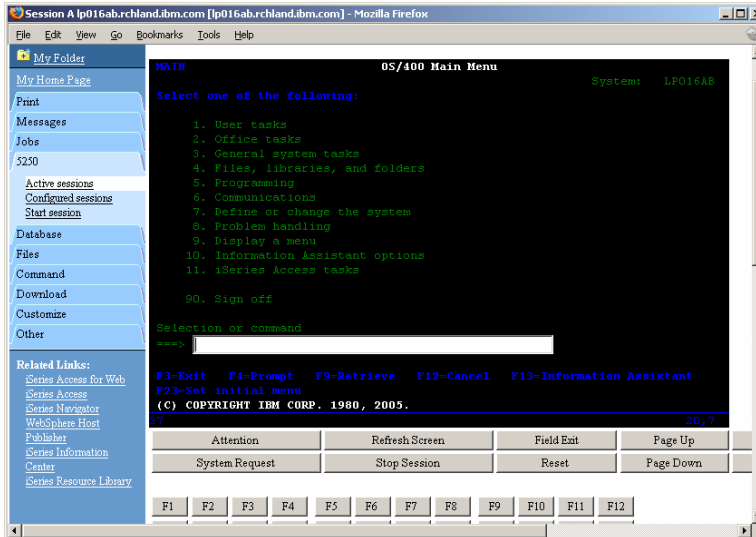
[Shortcuts to sessions you configured](#)
Display a list of shortcuts to sessions you configured. Shortcuts can be deleted from this list.

[Active sessions](#)

Active Session – Web View



Active Session - Traditional View



Web View vs. Traditional View

- Web View
 - Proportional font
 - Menu displayed as links
 - Active function keys displayed as buttons
 - Allows cursor positioning at non-input fields
 - Display "More..." as button
 - Message line (25th line) treated as help
- Traditional View
 - Fixed width font
 - Function key bar (F1-F24)
 - Background color configurable (default is black)

All the view settings are configurable. Configure web and traditional view settings for your environment.

Switching Views

Changing Active Session Settings

Session A [ip016ab.rchland.ibm.com [ip016ab.rchland.ibm.com]] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

Related Links:
[iSeries Access for Web](#)
[iSeries Access](#)
[iSeries Navigator](#)
[WebSphere Host](#)
[Publisher](#)
[iSeries Information Center](#)
[iSeries Resource Library](#)

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Attention	Refresh Screen	Field Exit	Page Up
System Request	Stop Session	Reset	Page Down

Macros

Macro:

[Traditional view](#)
 Switch this session to traditional view.

[Active session settings](#)
 Change the settings for this session.

Active Session Settings

- Changing active session settings does not affect the configured session settings
 - The changes are tied to the running instance of the session
 - Changes only affect how this particular active session behaves
- Some settings are not modifiable
 - Server name
 - Port
 - Code page
 - Workstation ID
 - Default view (web or traditional)
 - Initial macro

Active Session Life Span

- Session resides on the server, not the workstation
- Session remains active until
 - User ends (stops) the session, or
 - Session time out due to inactivity
 - Time out value is configurable through Access for Web
- Closing the browser or turning off the workstation does not end the session
- Taking advantage of active session behavior
 - Leave the session and browse on the web, or
 - Leave your workstation and go to another workstation and
 - Reconnect to your session

Reconnecting to an Active Session

Active Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox

IBM. iSeries Access for Web
smshao lp016ab.rchland.ibm.com

My Folder
My Home Page
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
WebSphere Host
Publisher

Server	Session	Started	Last Accessed	View	Action
lp016ab.rchland.ibm.com A		9/8/04 3:58:17 PM CDT	9/9/04 11:10:47 AM CDT	Web	Reconnect top Edit Share Session

View-only sessions
Display a list of active sessions others are sharing with me.

Shared sessions
Display a list of active sessions I am sharing with others.

Configured sessions
Work with your configured sessions.

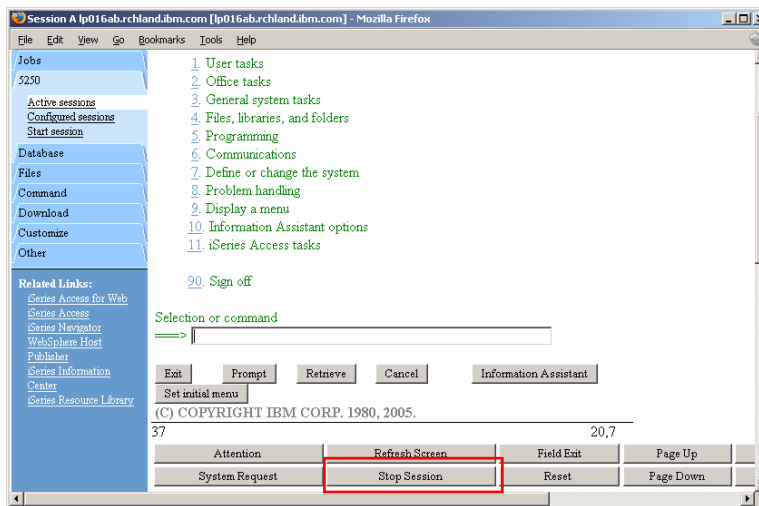
Start session
Start a new session.

My macros
Work with your macros.

Ending a Session

- Properly clean up TN5250 connection
 - Frees up resources in application server (Access for Web)
 - Frees up resources on target server (TN5250)
- Two ways to end a session
 - From an active session
 - From active session list

Ending a Session from Active Session



Ending a Session from Active Session List

Active Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox

IBM. iSeries Access for Web

Active Sessions

Server	Session	Started	Last Accessed	View	Action
lp016ab.rchland.ibm.com A		9/14/04 1:35:43 PM CDT	9/14/04 1:45:40 PM CDT	Web	Reconnect Stop Edit Share Session

View-only sessions
Display a list of active sessions others are sharing with me.

Shared sessions
Display a list of active sessions I am sharing with others.

Configured sessions
Work with your configured sessions.

Start session
Start a new session.

My macros
Work with your macros.

My keymads

Configure a New Session

Configured Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox

IBM. iSeries Access for Web

Configured Sessions

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	Start Copy	Yes	schmieb	*PUBLIC

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

Notes: Configure a New Session

See how session is added to configured list.

The Configured Sessions list displays saved session configurations for the current user. Session configurations are used to start 5250 user interface sessions with customized settings

Configure a New Session

General

Session: * required

Default view: Web

Initial macro:

Enable advanced JavaScript functions

Server

Server: lp016ab.rchland.ibm.com

Port: 23

Code page: 37

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

Notes: Configure a New Session

Session name - Session name uniquely identifies the session within the Configured sessions list.

Default view Default view specifies whether the Web view or the Traditional view is used when this session starts. The view can be changed while the session is active.

Enable advanced JavaScript functions for Internet Explorer - This option enables a 5250 user interface session to handle page up, page down, and function keys, when Microsoft Internet Explorer (version 5.0 and higher) is used. This option requires the browser to have JavaScript enabled. If this option is disabled, or a different browser is used, keypad buttons must be used to handle these keys

The server and workstation id parameters are the same as those of the start session.

Configure a New Session...

Configure New Session [ip016ab.rchland.ibm.com] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

Series Resource Library

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
<input checked="" type="checkbox"/> Show JavaScript indicator	<input checked="" type="checkbox"/> Show JavaScript indicator
<input type="checkbox"/> Display text using fixed width font	<input checked="" type="checkbox"/> Display text using fixed width font
<input checked="" type="checkbox"/> Enable "More..." as button	<input type="checkbox"/> Enable "More..." as button
<input checked="" type="checkbox"/> Enable menu items as links	<input type="checkbox"/> Enable menu items as links
<input type="checkbox"/> Show function key bar	<input checked="" type="checkbox"/> Show function key bar
<input checked="" type="checkbox"/> Show macros section	<input checked="" type="checkbox"/> Show macros section
<input checked="" type="checkbox"/> Show operator information area (OIA)	<input checked="" type="checkbox"/> Show operator information area (OIA)
<input type="checkbox"/> Show active sessions	<input type="checkbox"/> Show active sessions
<input checked="" type="checkbox"/> Enable cursor positioning	<input type="checkbox"/> Enable cursor positioning
<input type="checkbox"/> Position cursor at exact location	<input type="checkbox"/> Position cursor at exact location
<input checked="" type="checkbox"/> Enable message text line as help link	<input type="checkbox"/> Enable message text line as help link
<input checked="" type="checkbox"/> Enable active function keys as buttons	<input type="checkbox"/> Enable active function keys as buttons
<input type="checkbox"/> Show function key text (Fxx=) on button	

Foreground colors

5250 Browser

Foreground colors

5250 Browser

Notes: Configure a New Session

Show navigation bar

Use this setting to indicate whether the iSeries Access for Web navigation bar is displayed when a 5250 user interface session is active.

Show action links (new)

This setting controls whether the action links such as: Active session settings, My macros, and My keypads are displayed below the 5250 session user interface.

Show JavaScript indicator (new)

Use this setting to specify whether the JavaScript indicator is displayed at the bottom of the 5250 user interface page. The JavaScript indicator requires a JavaScript capable browser with JavaScript enabled.

Display text using fixed width font

This setting controls whether the 5250 user interface session uses a fixed width font or a proportional font.

Enable "More..." as button

Use this setting to specify whether fields containing "More..." are enabled as buttons or displayed as text. If "More..." fields are displayed as text, additional pages can be retrieved using a page down key on a keypad or the page down key on the keyboard.

Enable menu items as links

This setting specifies whether option numbers on menus (between 1 and 99) are displayed as links. To choose a menu option when this setting is not enabled, you must enter the menu option number in the command line.

Show function key bar

Use this setting to display the function key bar below the 5250 screen. The function key bar contains all of the function keys, F1 through F24, as buttons. The layout and content of the function key bar cannot be configured. Use My keypads to display a customized keypad above, below, or next to the 5250 screen.

Show macros section (new)

This setting specifies whether macros can be played and recorded. It does not restrict access to the My macros list.

Notes: Configure a New Session

Show operator information area (OIA) (New)

Use this setting to indicate whether the operator information area (OIA) for the 5250 session is displayed. The operator information area is the area that displays information such as the input inhibited indicator and the cursor location.

Show active sessions (New)

This setting specifies whether the list of active sessions is displayed with each 5250 session page. Displaying the active session list with each 5250 page provides a quick way to switch between multiple active sessions.

Enable cursor positioning

This setting specifies whether non-input fields are implemented as links or as plain text. If non-input fields are implemented as links, choosing a link updates the current cursor position for the active session to the first position of the field. This is useful for functions which use the current cursor position. See Cursor positioning for more information. If Enable message text line as help link is also enabled, the message text setting overrides the cursor positioning behavior.

Position cursor at exact location (New)

Use this setting to enable the ability to position the cursor at an exact location within a field. This is useful when using an application that requires the cursor to be at an exact location within a field for context sensitive operations. This setting only takes effect if Enable cursor positioning setting is also enabled. (today assumes beginning of field)

Enable message text line as help link

Use this setting to enable the message text line as a link to the message help. If this setting is not enabled, the Enable cursor positioning setting can be used to enable retrieving message help.

Enable active function keys as buttons

This setting specifies whether the active function keys, at the bottom of the screen, are enabled as buttons or displayed as text. If the function keys are displayed as text, the functions can be invoked using the function key bar, a configured keypad, or the function keys on the keyboard. Each of these options have configuration considerations.

Show function key text (Fxx-) on button

This setting specifies whether "Fxx-" is included on the button text, when Enable active function keys as buttons is enabled. If active functions are not displayed as buttons, this setting is ignored. This setting is only available for the Web view. For the Traditional view, "Fxx-" is always included when active functions appear as buttons on the screen.

Configure a New Session...

Configured Session Actions

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	Start Copy	Yes	schmieb	*PUBLIC

Configured Session Actions

- Start
 - Start the configured session
- Copy
 - Make a copy of the configured session for yourself
- Delete
 - Delete the configured session
- Rename
 - Rename the configured session
- Create Shortcut
 - Share the configured session with another user or group of users
- Edit
 - Change the configured session settings

Shortcuts

- iSeries Access for Web objects are only accessible by users that created them
- Shortcut is a pointer to an iSeries Access for Web object
 - Configured 5250 session
 - Database request
- Method used to share object with other users
 - Create shortcut for user or group to share with user or group
- User of the shortcut has read only access to the object
 - Cannot modify or delete the object
 - Can delete the shortcut if the shortcut is created for the user
 - Cannot delete the shortcut if the shortcut is created for a group the user belongs to
- Shortcuts to an object are deleted when the object is deleted

Shortcut Example

The screenshot shows the 'Configured Sessions' page in a web browser. The table below lists the sessions and their properties. Annotations highlight specific details:

- Shortcut granted to user profile:** Points to the 'Action' column for the 'Shortcut to my session' row.
- Shortcuts granted to the user belongs to:** Points to the 'Action' column for the 'Shortcut to test shortcut macro' row.
- User or group that was granted access:** Points to the 'Access' column for the 'Shortcut to test shortcut macro' row.

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	Start Copy	Yes	schmneb	*PUBLIC

Finding Shortcuts You Created

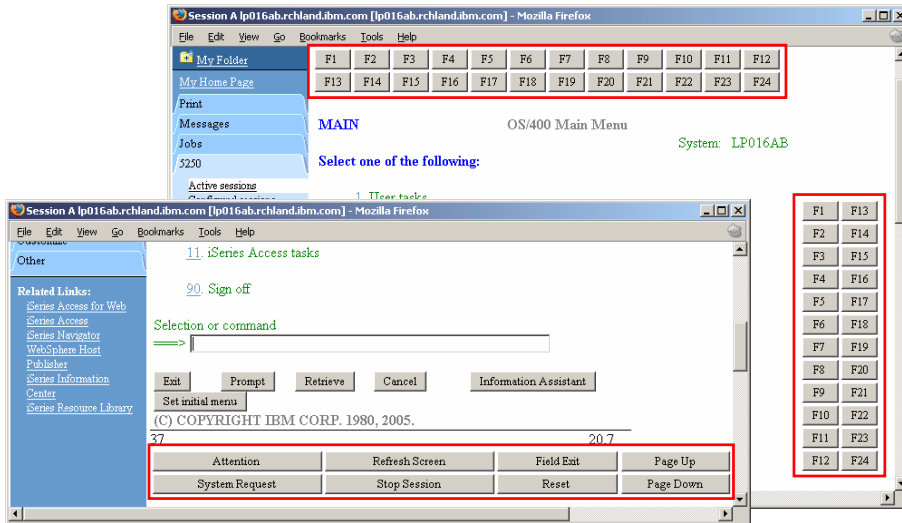
The screenshot shows the 'Configured Sessions' page. A red box highlights the link 'Shortcuts to sessions you configured' in the 'Related Links' section.

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	Start Copy	Yes	schmneb	*PUBLIC

Managing Shortcuts You Created



Keypads



Keypads

- Three sets of keypads
 - Top, right, and bottom
 - Each set can be customized
 - Each set can be turned on or off
- Macros can be assigned to keypad
- Configuration is per user
 - One keypad configuration per user
 - Global across all session configurations
 - Not tied to session configuration

Configuring Keypad

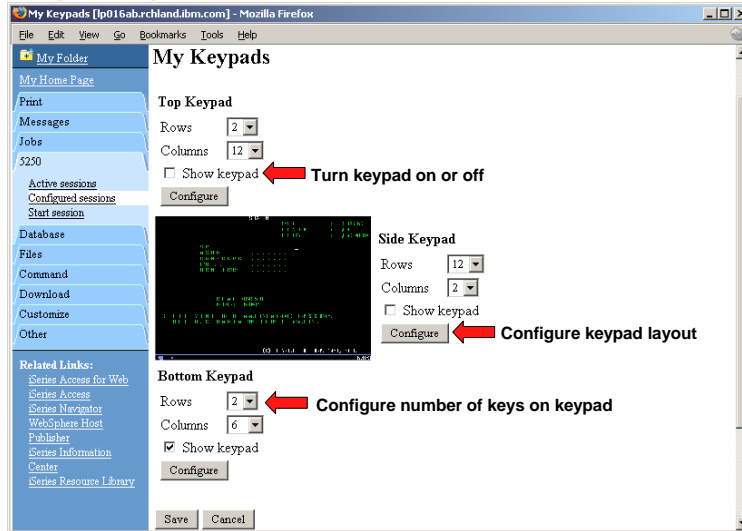
The screenshot shows a web browser window titled "Configured Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox". The browser's address bar shows the URL "http://lp016ab.rchland.ibm.com". The page content includes a table with the following data:

Download	testtraditional					
Customize	Your Access to	lp016ab.rchland.ibm.com	Start Copy	Yes	schmieb	*PUBLIC
Other	yoursystem					

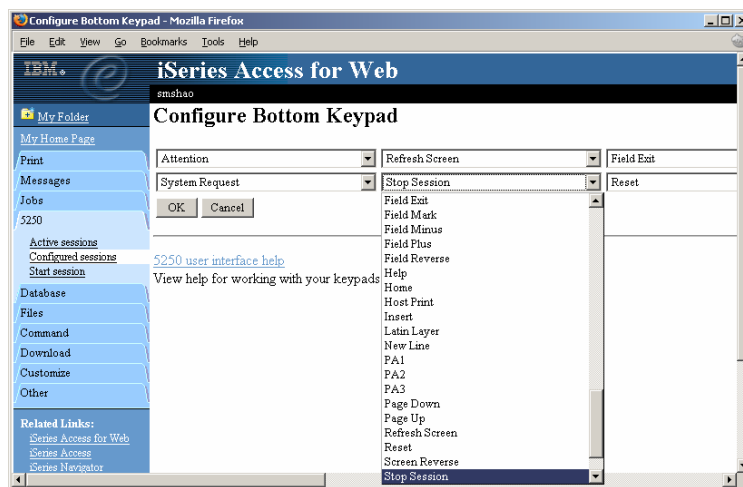
Below the table, there are several sections of related links:

- [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.

Configuring Keypad



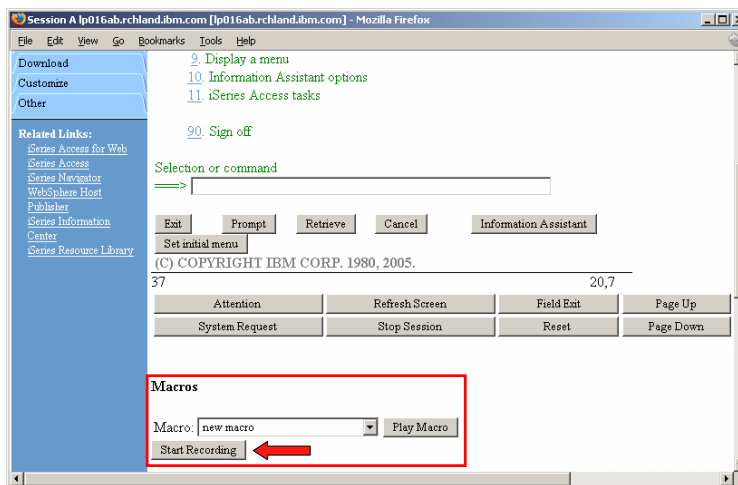
Configuring Keypad



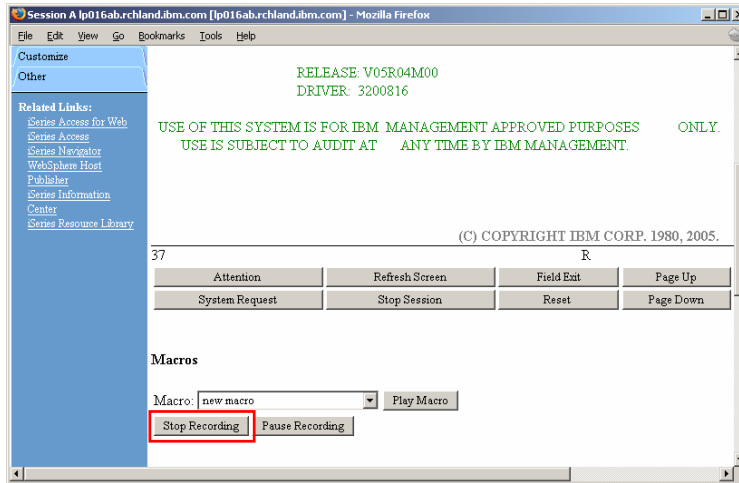
Macros

- Behaves differently than PC5250
 - Keys processed on a screen by screen basis
 - PC5250 – every key is recorded and played back
 - iSeries Access for Web – cursor positioned in field and keys entered into field
 - On a given screen, keys may not be processed in the same order as they are entered
 - Functionally equivalent, but behaves differently

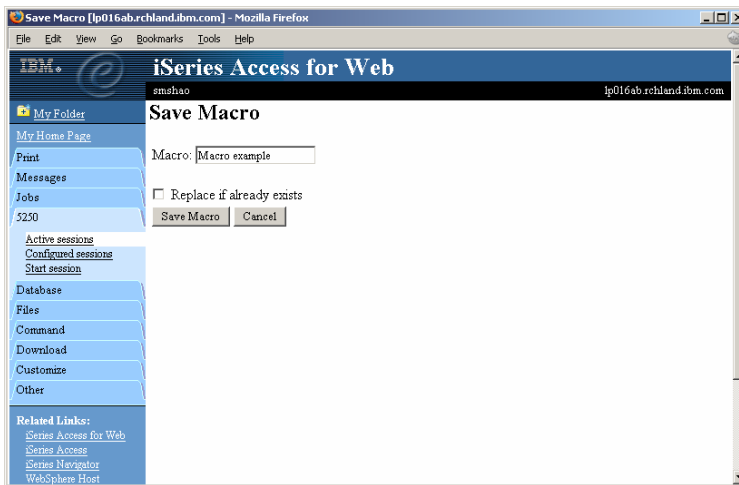
Recording Macros



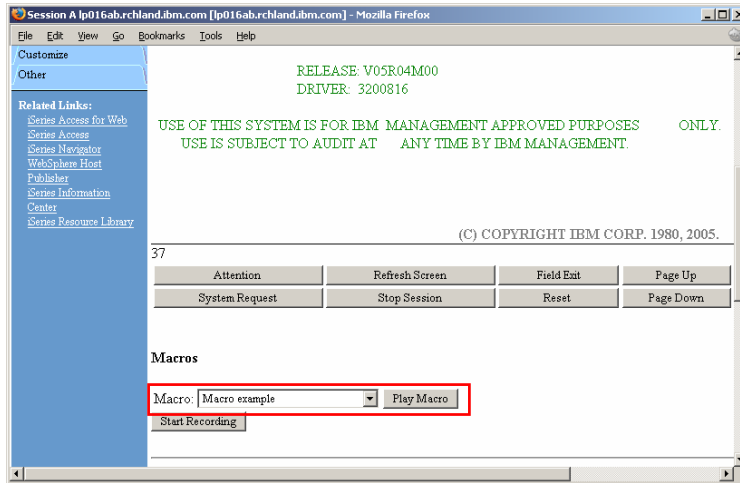
Stop Recording



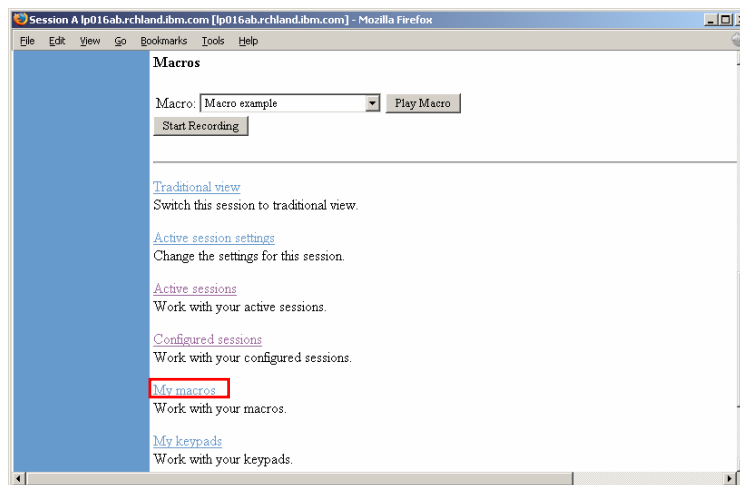
Naming the Macro



Playing Macro



Managing Macros



Macro List

The screenshot shows the 'My Macros' page in a web browser. The page title is 'My Macros' and the user is 'smshao'. The main content is a table listing macros with their actions, shortcuts, and access permissions.

Macro	Action	Shortcut	Created By	Access
Macro example	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Shortcut to signon	Copy	Yes	jek	*PUBLIC
signoff	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Sign on	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Work with active job	Copy Delete Rename Create shortcut Edit	No	smshao	smshao

Below the table, there are links for 'Active sessions' and 'Shortcuts to macros you recorded'. The 'Shortcuts to macros you recorded' link is followed by the text: 'Display a list of shortcuts to macros you recorded. Shortcuts can be deleted from this list.'

Editing a Macro

The screenshot shows the 'Edit Macro' page in a web browser. The page title is 'Edit Macro' and the user is 'smshao'. The main content is a text editor for editing a macro. The macro name is 'Macro example' and the text in the editor is: '[cursor 20, 7] [erase#id] wrkactjob[enter] [wait] [cursor 16,2] [erase#id] 5[enter] [wait]'



Notes: supported commands for macros

The supported cursor positioning commands are:

- General macro commands
- [attn] - Attention
- [altview] - Alternate View
- [backspace] - Backspace
- [backtab] - Backtab
- [bof] - Beginning of field
- [clear] - Clear
- [down] - Cursor down
- [left] - Cursor left
- [right] - Cursor right
- [cursel] - Cursor select
- [up] - Cursor up
- [delete] - Delete character
- [dspsos] - Display SO/SI
- [dup] - DUP field
- [enter] - Enter
- [eof] - End of field
- [eraseeof] - Erase EOF
- [erasefld] - Erase field
- [erinp] - Erase input
- [fldext] - Field exit
- [fieldmark] - Field mark
- [field-] - Field minus
- [field+] - Field plus

General macro commands...

- [pf1] - F1
- [pf2] - F2
- [pf3] - F3
- [pf4] - F4
- [pf5] - F5
- [pf6] - F6
- [pf7] - F7
- [pf8] - F8
- [pf9] - F9
- [pf10] - F10
- [pf11] - F11
- [pf12] - F12
- [pf13] - F13
- [pf14] - F14
- [pf15] - F15
- [pf16] - F16
- [pf17] - F17
- [pf18] - F18
- [pf19] - F19
- [pf20] - F20
- [pf21] - F21
- [pf22] - F22
- [pf23] - F23
- [pf24] - F24
- [help] - Help
- [home] - Home

General macro commands...

- [insert] - Insert
- [newline] - New line
- [pa1] - PA1
- [pa2] - PA2
- [pa3] - PA3
- [pageup] - Page up
- [pagedn] - Page down
- [reset] - Reset
- [sysreq] - System request
- [tab] - Tab field
- [test] - Test request

Bi-directional text support commands

- [base] - Base
- [close] - Close
- [fldrev] - Field reverse
- [latinlayer] - Latin layer
- [screenrev] - Screen reverse

Other macro commands

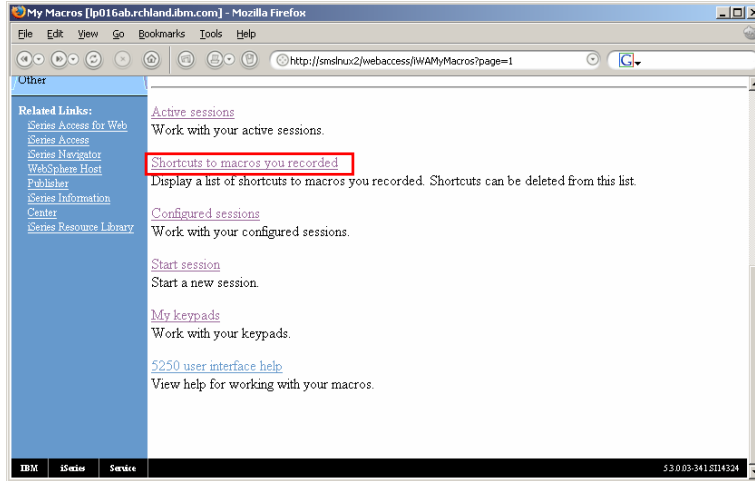
- [cursor row,column] - Locate cursor at specified row and column. Row and column must be numbers.
- [pause] - Pause 1 second
- [pause n] - Pause n seconds
- [wait] - Wait for input



Sharing a Macro

Macro	Action	Shortcut	Created By	Access
Macro example	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Shortcut to signon	Copy	Yes	jek	*PUBLIC
signoff	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Sign on	Copy Delete Rename Create shortcut Edit	No	smshao	smshao
Work with active job	Copy Delete Rename Create shortcut Edit	No	smshao	smshao

Managing Macro Shortcuts



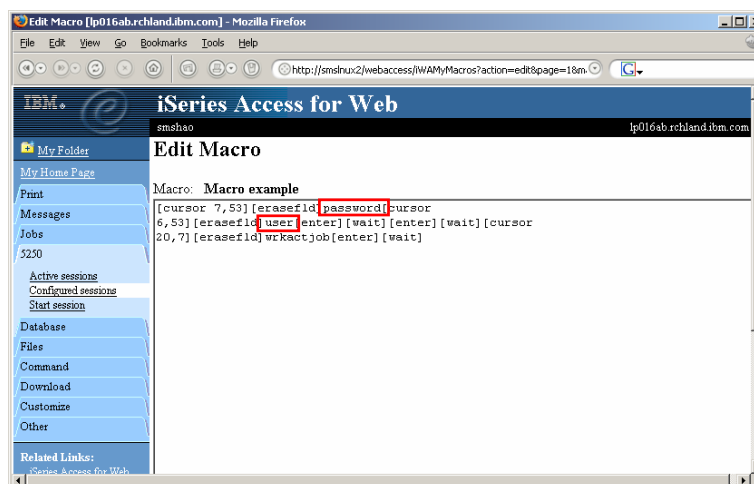
Macro Shortcut List



Single Sign On with Macro

- Create a macro to login to 5250
 - Using your own user ID and password
- Edit the macro and replace your user ID and password with directives to use the user's login
- Share the macro (create shortcut) with the user or group
- Associate the macro with a session so the macro is executed when the session starts
- Share the session (create shortcut) with the user or group

Edit Macro



Edit Macro

Macro: Macro example

```
[cursor 7, 53] [erasefid [password] cursor
6, 53] [erasefid [user] [enter] [wait] [enter] [wait] [cursor
20, 7] [erasefid] [KACT]job [enter] [wait]
```

Replace the recorded user ID with [user]
 Replace the recorded password with [password]

Share the Macro

Create shortcut to "Macro example"

Shortcut name:

Access:

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.

Create New Session

Share the Session

Starting the Session

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	Start Copy Delete	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	Yes	smshao	smshao
Shortcut to Single Signon Example	lp016ab.rchland.ibm.com	Start Copy Delete Rename	Yes	hao	
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	Start Copy	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	Start Copy	Yes	warrena	*PUBLIC
Single Signon Example	lp016ab.rchland.ibm.com	Start Copy Delete Rename Create Shortcut Edit	No	smshao	smshao

Start Session Result

User is taken directly to the application
5250 session is logged in using the user's ID and password

CPU %: 0 Elapsed time: 00:00:00 Active jobs: 205

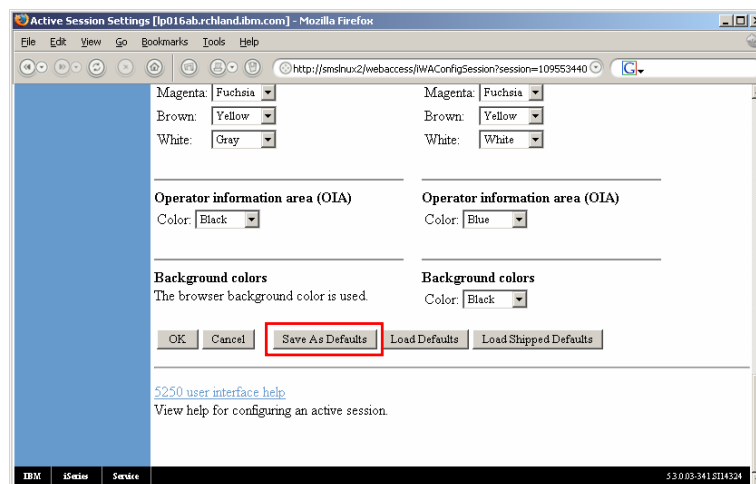
Type options, press Enter.
2=Change 3=Hold 4=End 5=Work with 6=Release 7=Display message
8=Work with spooled files 13=Disconnect ...

Opt	Subsystem/Job	User	Type	CPU %	Function	Status
<input type="checkbox"/>	BLDSHIPSS	QSYS	SBS	0		DEQW
<input type="checkbox"/>	RCBLDSHIP	RTANNER	BCH	0	PGM-QD2BRCV	DEQW
<input type="checkbox"/>	BLDTESTSS	QSYS	SBS	0		DEQW
<input type="checkbox"/>	RCBLDTEST	RTANNER	BCH	0	PGM-QD2BRCV	DEQW
<input type="checkbox"/>	QASE5	QSYS	SBS	0		DEQW
<input type="checkbox"/>	ADMIN	QEIBSVR	BCH	0	PGM-QASESTRSVR	JVAW
<input type="checkbox"/>	QASE51	QSYS	SBS	0		DEQW
<input type="checkbox"/>	QBATCH	QSYS	SBS	0		DEQW

Session Defaults

- Default values are used to
 - Start a session dynamically
 - Configure a new session
- Two ways to set defaults
 - User can set the default values
 - Default values only apply to the user
 - Use a configured session as default (policy)
 - May be set for user or group
 - If both are set, policy setting overrides user defaults

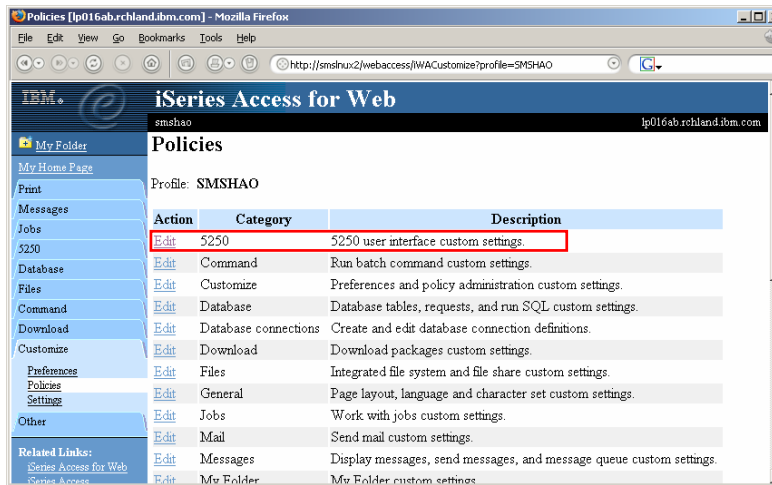
Setting User Defaults



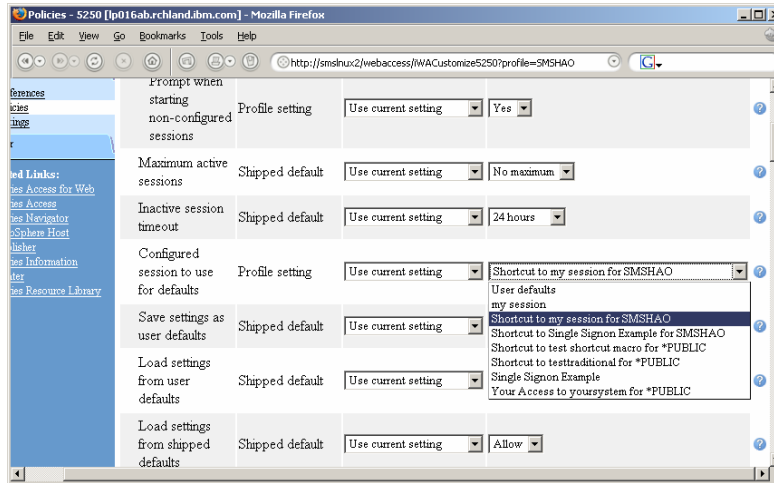
Setting Default Session



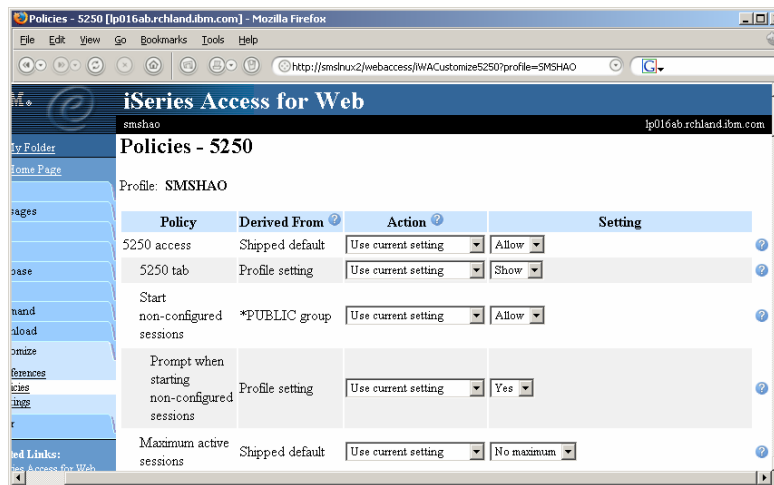
Setting Default Session



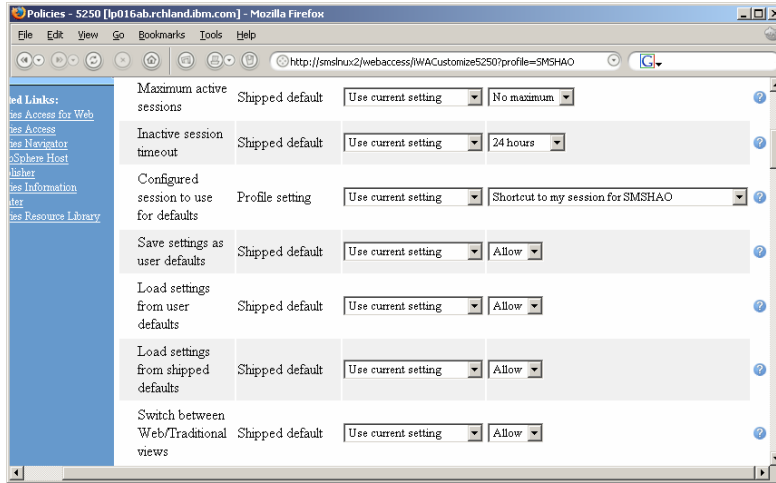
Setting Default Session



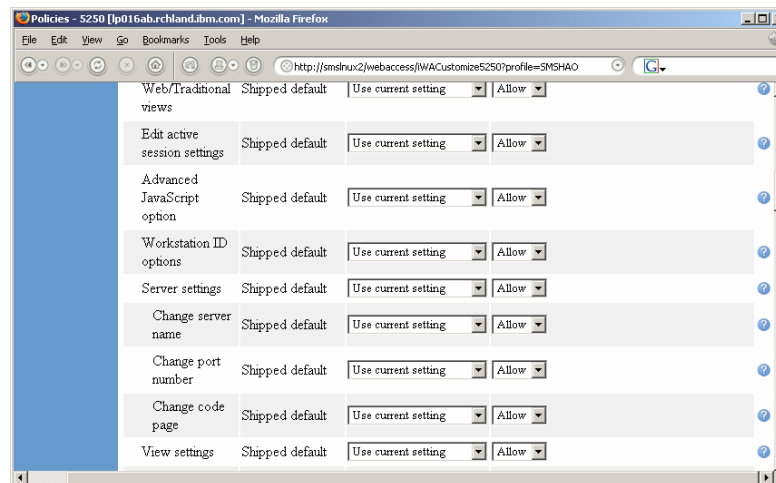
5250 Policies



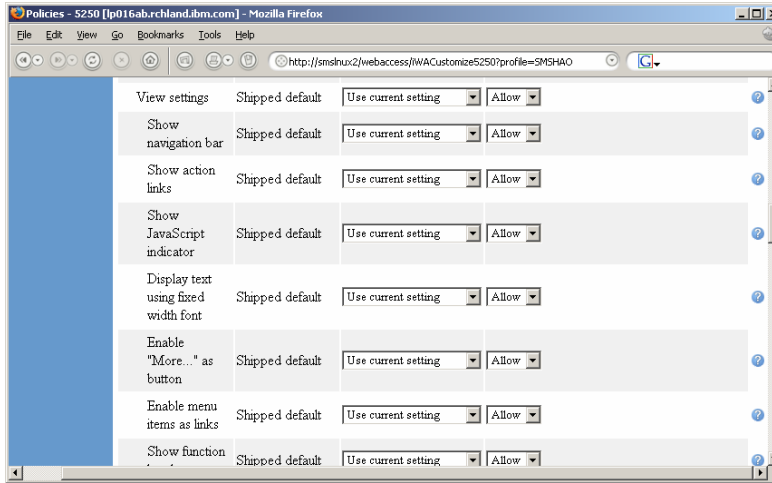
5250 Policies



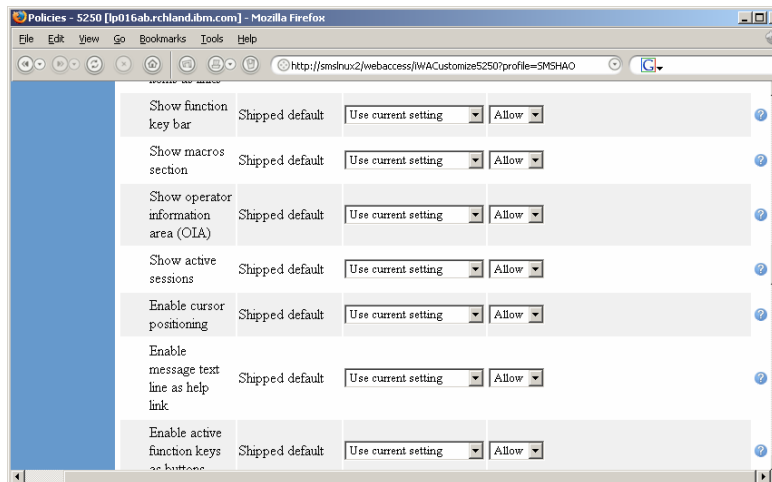
5250 Policies



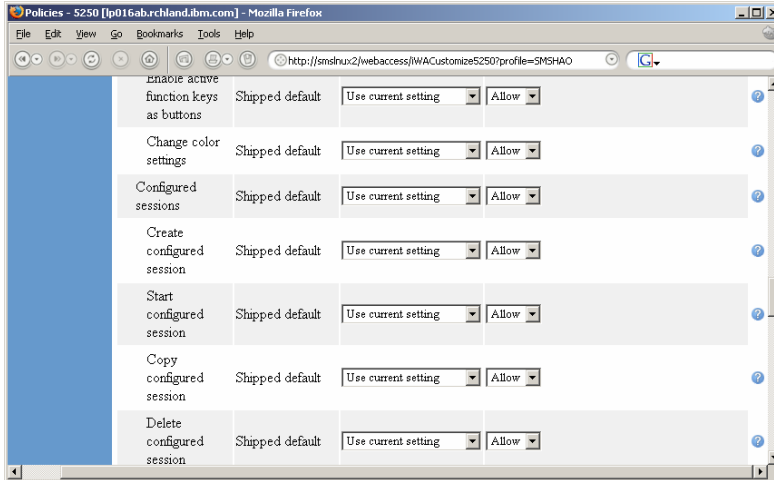
5250 Policies



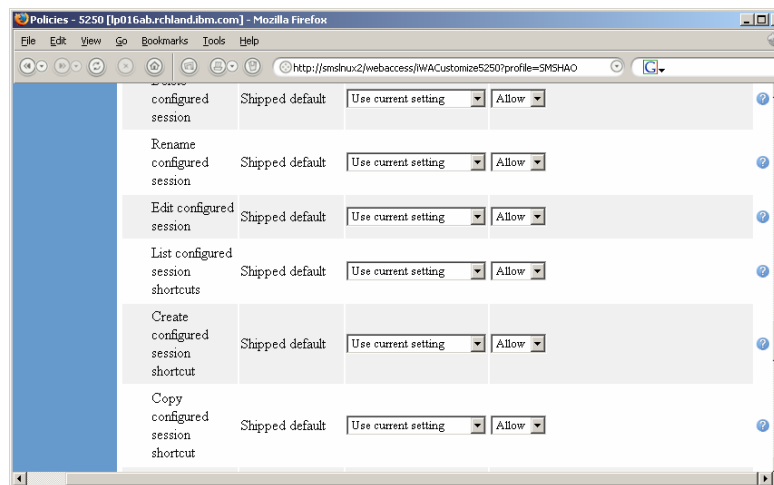
5250 Policies



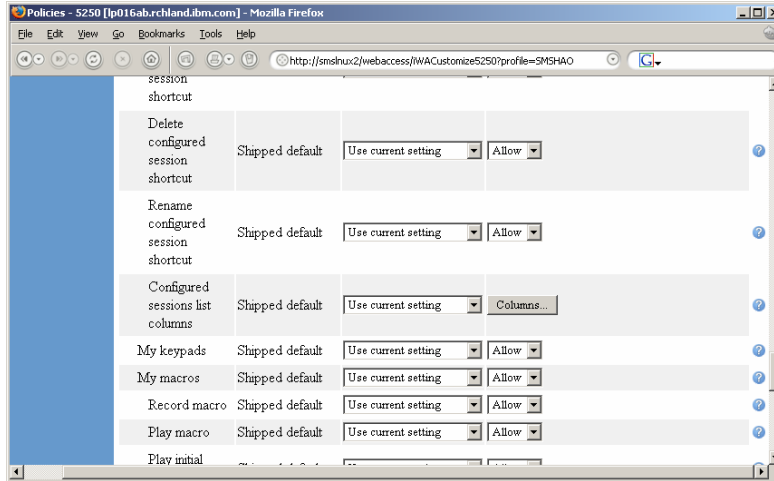
5250 Policies



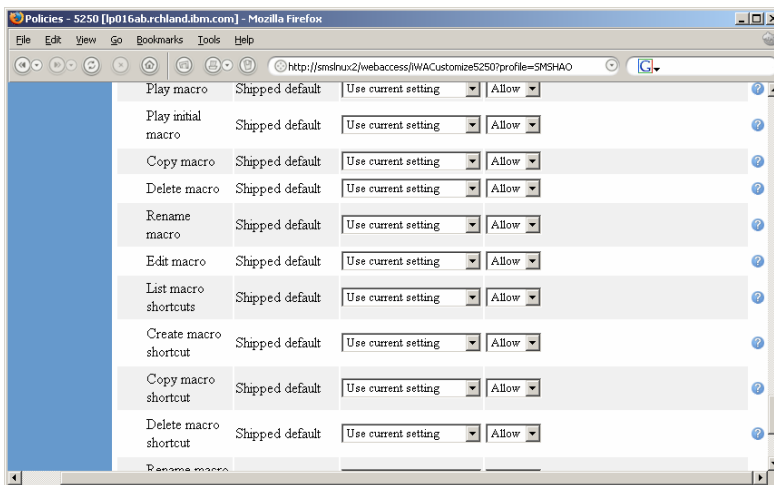
5250 Policies



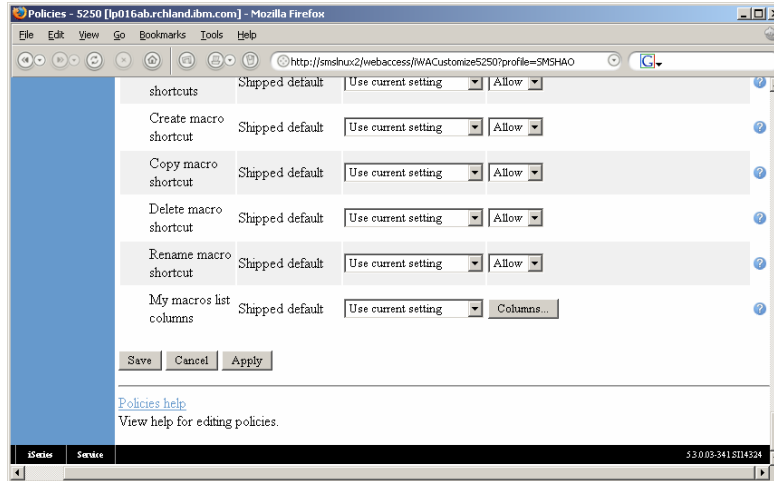
5250 Policies



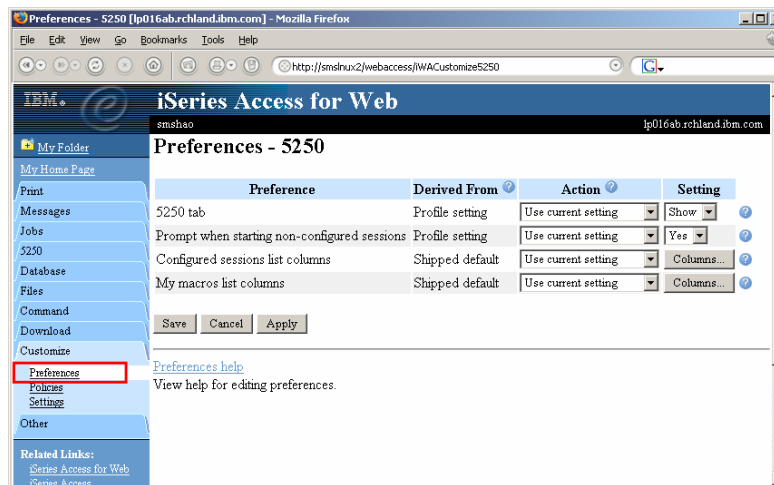
5250 Policies



5250 Policies



5250 Preferences



5250 Settings

Settings - 5250 [lp016ab.rchland.ibm.com] - Mozilla Firefox

http://smshux2/webaccess/WASettings5250

IBM iSeries Access for Web

smshao lp016ab.rchland.ibm.com

Settings - 5250

Setting	Value	Description
Session wait time	200 milliseconds	Specify the maximum time to wait for session content after input is not inhibited.

Save Cancel Apply Shipped Defaults

My Folder

My Home Page

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Performance

Policies

Settings

Other

Related Links:

Series Access for Web

Series Access

Sharing an Active Session

Active Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox

http://smshux2/webaccess/WAAActiveSessions

IBM iSeries Access for Web

smshao lp016ab.rchland.ibm.com

Active Sessions

Server	Session	Started	Last Accessed	View	Action
lp016ab.rchland.ibm.com A		9/18/04 2:06:47 PM CDT	9/18/04 2:43:18 PM CDT	Web	Reconnect Stop Edit Share Session

Active sessions

Configured sessions

Start session

View-only sessions

Display a list of active sessions others are sharing with me.

Shared sessions

Display a list of active sessions I am sharing with others.

Configured sessions

Work with your configured sessions.

Start session

Start a new session.

My Folder

My Home Page

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Other

Related Links:

Series Access for Web

Series Access

Notes: Shared Sessions

Active sessions can be shared with other users and groups. The user who starts the session maintains full control of it. Users with whom the session is shared can only view the session. They cannot enter input or change the session settings. Changes to a shared session are not automatically seen by users viewing the session. The browser's refresh button must be used to see the latest changes.

Sharing an Active Session

Active Sessions [p016ab.rchland.ibm.com] - Mozilla Firefox

http://smshu:2/webaccess/WAAActiveSessions?action=share&session=...

IBM iSeries Access for Web

smshao ip016ab.rchland.ibm.com

My Folder

My Home Page

Print

Messages

Jobs

5250

Active sessions

Configured sessions

Start session

Database

Files

Command

Download

Customize

Other

Related Links:

iSeries Access for Web

iSeries Access

Share 5250 Session

Users:

User Details

- The users value identifies who is able to view the 5250 session.
- The users 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.

View-only Sessions

Server	Session	Started	Last Accessed	View	Action
lp016ab.rchland.ibm.com A	CDT	9/18/04 2:06:47 PM CDT	9/18/04 2:43:18 PM CDT	Web	Reconnect Stop Edit Share Session

View-only Session List

Server	Session	Owner	Access	Action
lp016ab.rchland.ibm.com A	smshao	smshao	smshao	View

View-only Session

Jobs
5250

Active sessions
Configured sessions
Start session

Database
Files
Command
Download
Customize
Other

Related Links:
Series Access for Web
Series Access
Series Navigator
WebSphere Host
Publisher
Series Information
Center
Series Resource Library

Type options, press Enter.
2=Change 3=Hold 4=End 5=Work with 6=Release 7=Display message
8=Work with spooled files 13=Disconnect ...

Opt	Subsystem/Job	User	Type	CPU %	Function	Status
-	BLDSHIPSS	QSYS	SBS	.0		DEQW
-	RCBLDSHIP	RTANNER	BCH	.0	PGM-QD2BRCV	DEQW
-	BLDTESTSS	QSYS	SBS	.0		DEQW
-	RCBLDTEST	RTANNER	BCH	.0	PGM-QD2BRCV	DEQW
-	QASE5	QSYS	SBS	.0		DEQW
-	ADMIN	QEBSVR	BCH	.0	PGM-QASESTRSVR	JVAW
-	QASE51	QSYS	SBS	.0		DEQW
-	QBATCH	QSYS	SBS	.0		DEQW
-	QCMN	QSYS	SBS	.0		DEQW

Parameters or command
F3=Exit F5=Refresh F7=Find F10=Restart statistics
F11=Display elapsed data F12=Cancel F23=More options F24=More keys

Managing Shared Sessions

IBM iSeries Access for Web

Active Sessions

Server	Session	Started	Last Accessed	View	Action
ip016ab.rchland.ibm.com A	9/18/04 2:06:47 PM	9/18/04 2:43:18 PM	Web	Reconnect Stop Edit Share Session	

View-only sessions
Display a list of active sessions others are sharing with me.

Shared sessions
Display a list of active sessions I am sharing with others.

Configured sessions
Work with your configured sessions.

Start session
Start a new session.



Shared Session List

Server	Session	Access	Action
lp016ab.rchland.ibm.com	A	smshao	Stop sharing

View-only sessions
Display a list of active sessions others are sharing with me.

Configured sessions
Work with your configured sessions.

Start session
Start a new session.



Changing Fonts (MS IE)

Sign On

System :
Subsystem :
Display :

User :
Password :
Program/procedure :
Menu :
Current Library :

Changing Fonts (MS IE)

The image shows two dialog boxes from Microsoft Internet Explorer. On the left is the 'Internet Options' dialog box, with the 'Advanced' tab selected. An arrow points from the 'Fonts...' button at the bottom of this dialog to the 'Fonts' dialog box on the right. The 'Fonts' dialog box shows the 'Language script' set to 'Latin based', the 'Web page font' set to 'Arial Black', and the 'Plain text font' set to 'Lucida Sans Typewriter'. Both fonts are currently set to 'Latin'.

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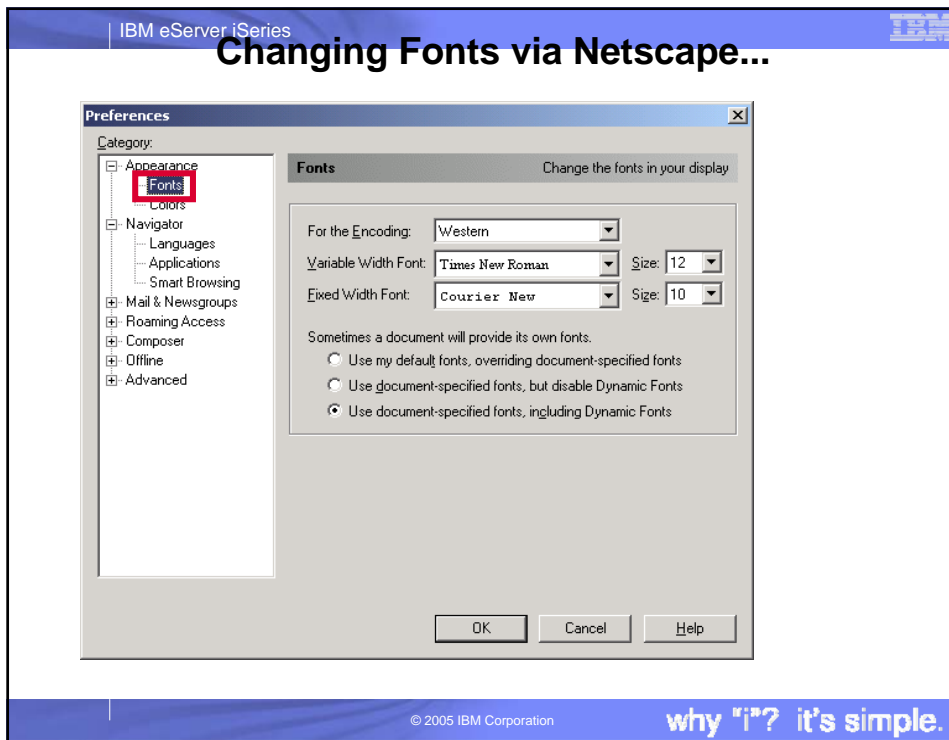
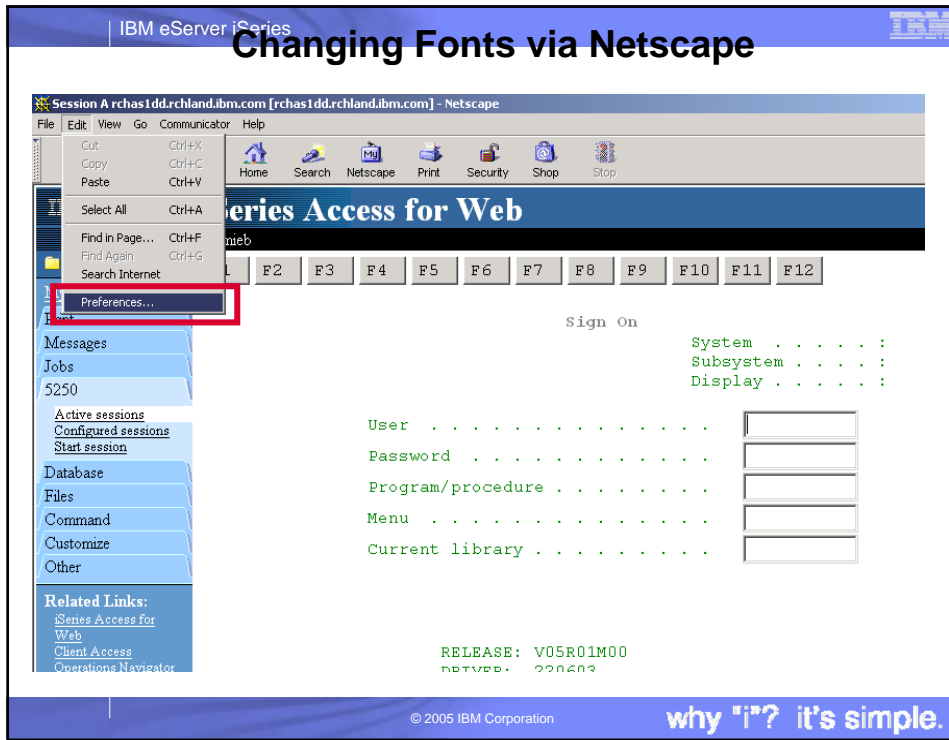
Changing Fonts via Microsoft IE

The image shows the Microsoft Internet Explorer browser interface. The 'View' menu is open, and the 'Text Size' option is selected, which has opened a sub-menu with options: 'Largest', 'Larger', 'Medium' (selected), 'Smaller', and 'Smallest'. The browser window displays the 'iSeries Access for Web' page with a list of tasks.

THE FOLLOWING:

1. USER TASKS
2. OFFICE TASKS
3. FILE, LIBRARIES, AND FOLDERS
4. FILES, LIBRARIES, AND FOLDERS
5. COMMUNICATIONS
6. COMMUNICATIONS
7. PROBLEM HANDLING
8. PROBLEM HANDLING
9. DISPLAY A MENU
10. INFORMATION ASSISTANT OPTIONS
11. CLIENT ACCESS/400 TASKS

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IBM eServer iSeries

Changing Text Size

The screenshot shows a Netscape browser window with the address bar displaying 'Session A rchast1dd.rchland.ibm.com [rchast1dd.rchland.ibm.com] - Netscape'. The 'View' menu is open, and the 'Increase Font' (Ctrl+]) and 'Decrease Font' (Ctrl+[) options are highlighted with a red box. The browser is displaying a 'Sign On' form with the following fields:

```

System . . . . . :
Subsystem . . . . . :
Display . . . . . :

User . . . . . : 
Password . . . . . : 
Program/procedure . . . . . : 
Menu . . . . . : 
Current library . . . . . : 

```

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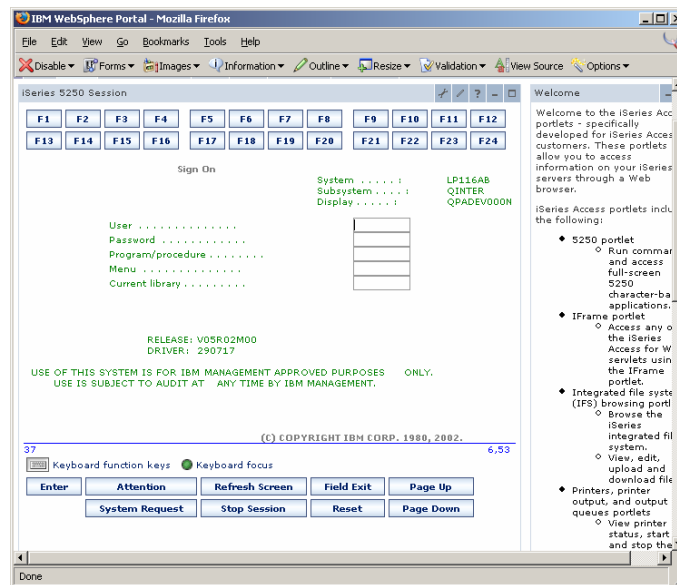
IBM eServer iSeries

Notes: Changing Font and text size

The browsers provide the means for changing the font and size of the characters on the display

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5250 and Portal Server



Things to know

Because 5250 session implemented using HTML, considerations to be aware of

- Not full-function emulator
- Not intended to replace full function emulators like PC5250, Host On Demand, Host Publisher, etc for purposes of "heads-down" data entry type of operations
- Does not include file transfer from session or host print via print key
- Do not include graphics, EHLAPPI, DDE functionality
- No direction interaction with server, so unsolicited server messages can't be received. (need to request refresh to see break messages)



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eServer	IBM (logo)	
	iSeries	

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