



Session: 25CM - 440281

# iSeries. mySeries.

## Access for Web: Run 5250 in a Browser

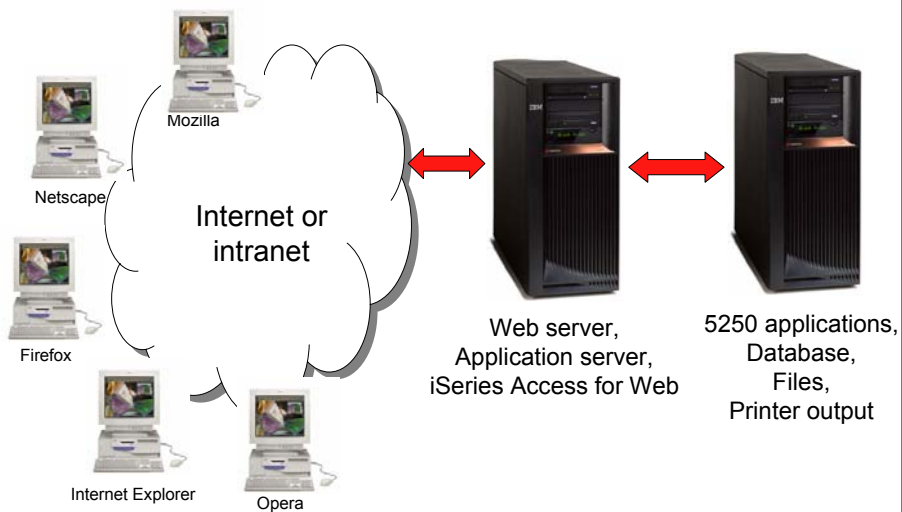
Schuman Shao  
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IBM Rochester

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## What is iSeries Access for Web

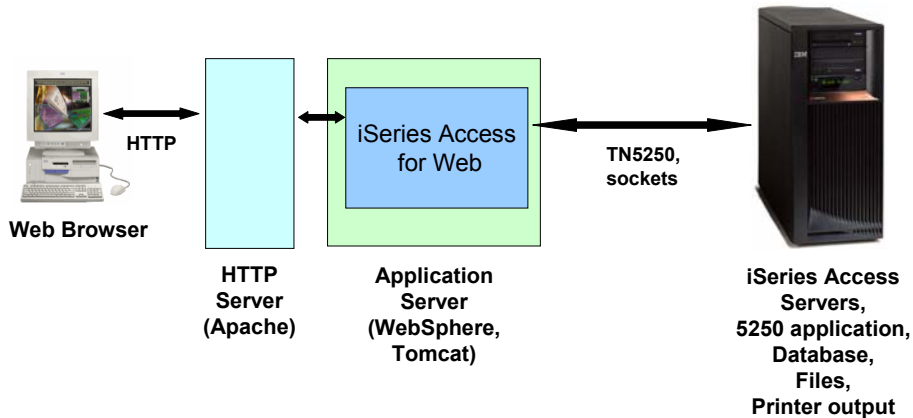


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## iSeries Access for Web Overview



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## 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

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## 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

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## When Starting iSeries Access for Web must Signon

A dialog box titled "Username and Password Required" with a close button (X). The text inside reads: "Enter username for rchas1dd.rchland.ibm.com at smslinux1.rchland.ibm.com:". Below this are two input fields: "User Name:" and "Password:". At the bottom are "OK" and "Cancel" buttons.

Netscape

A dialog box titled "Enter Network Password" with a help button (?), a close button (X), and a key icon. The text says: "Please type your user name and password." Below are labels for "Site:" (value: smslinux1.rchland.ibm.com) and "Realm:" (value: rchas1dd.rchland.ibm.com). There are input fields for "User Name" (value: schmieb) and "Password" (value: \*\*\*\*\*). A checkbox labeled "Save this password in your password list" is checked. At the bottom are "OK" and "Cancel" buttons.

Microsoft IE

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## Access for Web Main Page



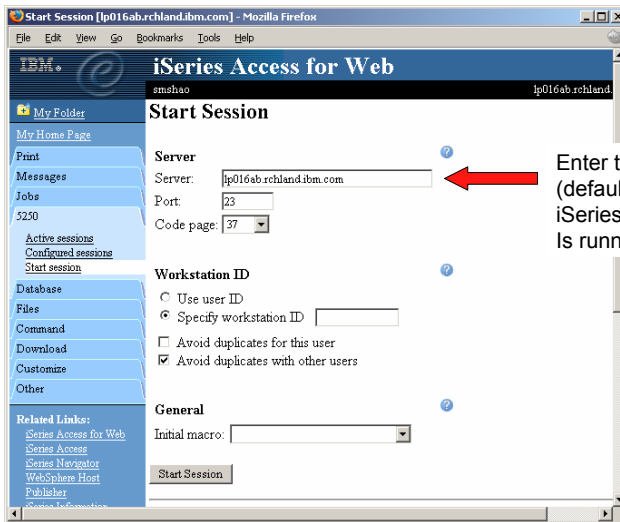
## Two ways to start

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

## 5250 Tab



## Start a Session Dynamically



## Starting a Configured Session

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create</a>	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a>	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	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

OS/400 Main Menu System: LP016AB

Select one of the following:

1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off

Selection or command

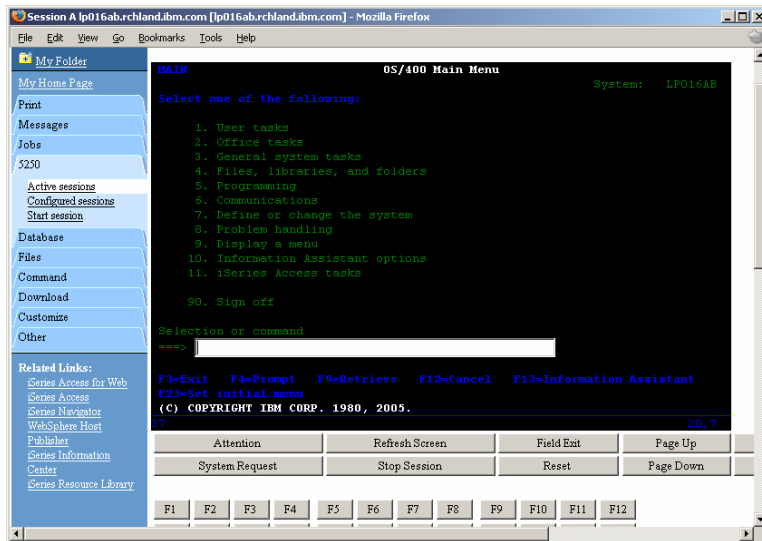
Set initial menu

(C) COPYRIGHT IBM CORP. 1980, 2005.

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## Active Session - Traditional View



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## 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 (25<sup>th</sup> 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.

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## Switching Views

Session A lp016ab.rchland.ibm.com [lp016ab.rchland.ibm.com] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

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

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

**Macros**

Macro: new macro

**Traditional view**  
Switch this session to traditional view.

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

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## Changing Active Session Settings

Session A lp016ab.rchland.ibm.com [lp016ab.rchland.ibm.com] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

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

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

**Macros**

Macro: new macro

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

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Change the settings for this session.

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## Active Session Settings

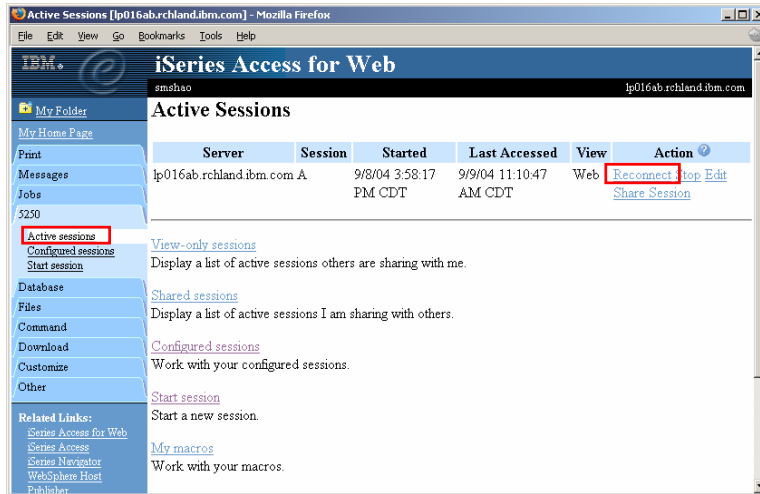
- Changing active session settings does not affect the configured session settings
  - The changes are tied to the running instance of the session
  - Changes only affect how this particular active session behaves
- Some settings are not modifiable
  - Server name
  - Port
  - Code page
  - Workstation 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

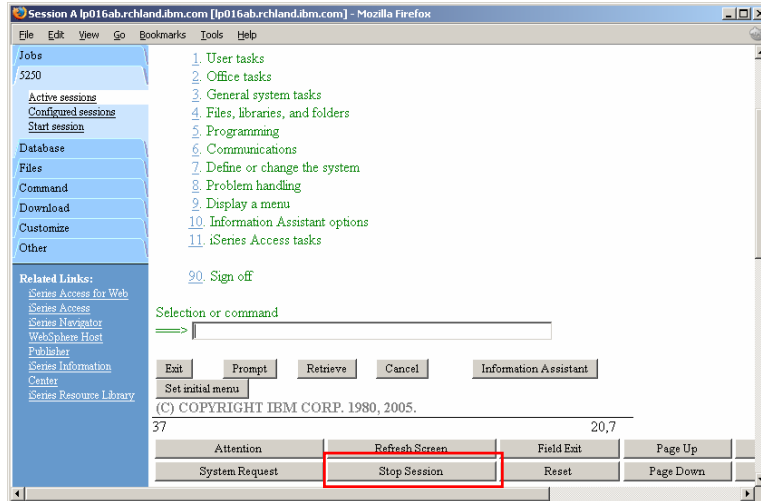


## Ending a Session

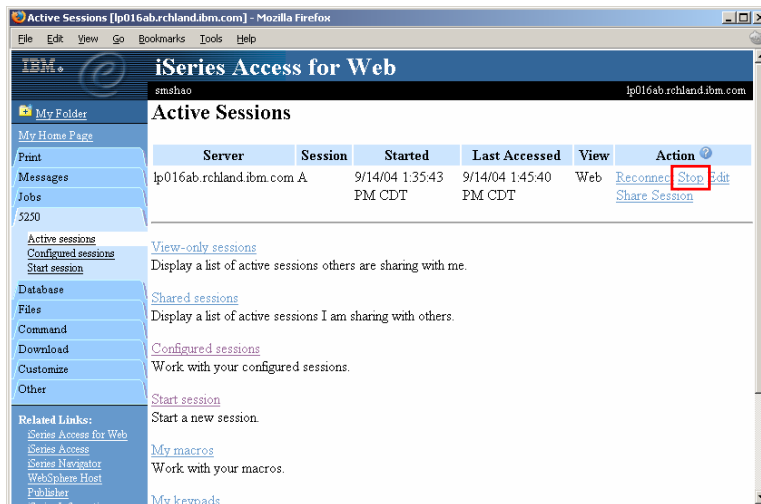
- Properly clean up TN5250 connection
  - Frees up resources in application server (Access for Web)
  - Frees up resources on target server (TN5250)
- Two ways to end a session
  - From an active session
  - From active session list



## Ending a Session from Active Session



## Ending a Session from Active Session List





## Configure a New Session

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create</a> <a href="#">Shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a>	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	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

Configure New Session [lp016ab.rchland.ibm.com] - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

IBM. iSeries Access for Web

smshao lp016ab.rchland.ibm.com

### Configure 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

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## 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

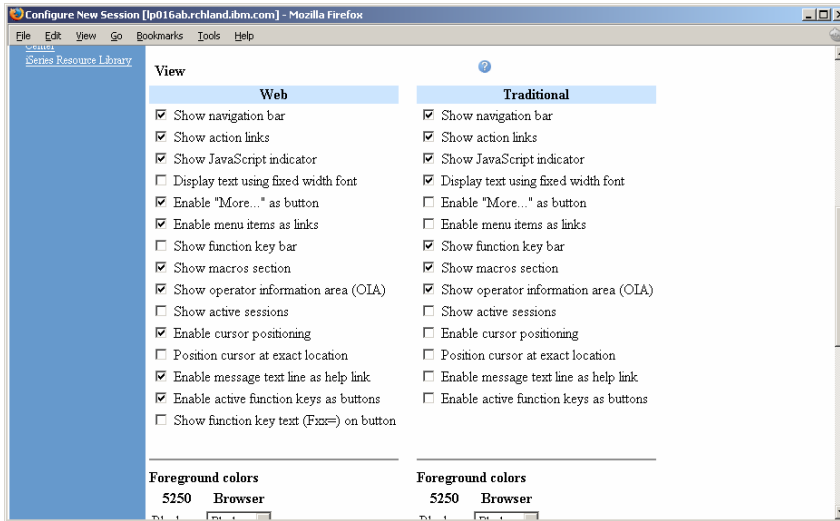
The server and workstation id parameters are the same as those of the start session.

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## Configure a New Session...



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## 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.

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## 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.

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## Configure a New Session...

Foreground colors		Foreground colors	
5250	Browser	5250	Browser
Black:	Black	Black:	Black
Blue:	Blue	Blue:	Blue
Green:	Green	Green:	Green
Cyan:	Teal	Cyan:	Teal
Red:	Red	Red:	Red
Magenta:	Fuchsia	Magenta:	Fuchsia
Brown:	Yellow	Brown:	Yellow
White:	Gray	White:	White

Operator information area (OIA)		Operator information area (OIA)	
Color:	Black	Color:	Blue

Background colors		Background colors	
The browser background color is used.		Color:	Black

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## Configured Session Actions

Session	Server	Action	Shortcut	Created By	Access
my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create Shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a>	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	<a href="#">Start</a> <a href="#">Copy</a>	Yes	schmzeb	*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.

## 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 browser. The table below represents the data shown in the screenshot:

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	rcha1dd.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

Annotations in the screenshot include:

- A red arrow pointing to the 'Delete' link in the 'Action' column of the first row, with a callout box: "Shortcut granted to user profile".
- A red arrow pointing to the 'Delete' link in the 'Action' column of the second row, with a callout box: "Shortcuts granted to group the user belongs to".
- A red arrow pointing to the 'Access' column of the second row, with a callout box: "User or group that was granted access".



## Finding Shortcuts You Created

The screenshot shows the 'Configured Sessions' page in iSeries Access for Web. It features a table with columns for Session, Server, Action, Shortcut, Created By, and Access. 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	<a href="#">Start Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create Shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Shortcut to my session	lp016ab.rchland.ibm.com	<a href="#">Start Copy</a> <a href="#">Delete</a> <a href="#">Rename</a>	Yes	smshao	smshao
Shortcut to test shortcut macro	rchas1dd.rchland.ibm.com	<a href="#">Start Copy</a>	Yes	javactl	*PUBLIC
Shortcut to testtraditional	lp016ab.rchland.ibm.com	<a href="#">Start Copy</a>	Yes	warrena	*PUBLIC
Your Access to yoursystem	lp016ab.rchland.ibm.com	<a href="#">Start Copy</a>	Yes	schmieb	*PUBLIC

**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.

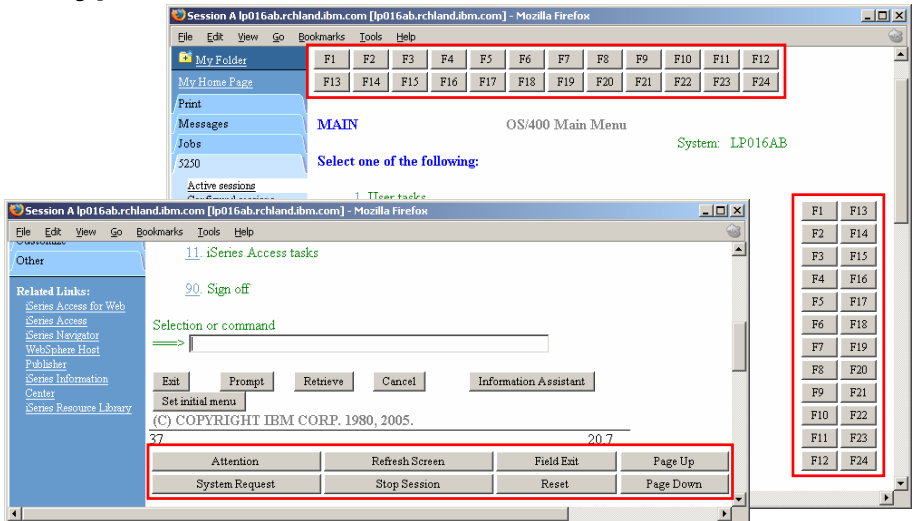


## Managing Shortcuts You Created

The screenshot shows the 'Shortcuts to Sessions You Created' page in iSeries Access for Web. It displays a table with columns for Session, Shortcut, Access, and Action. A red box highlights the 'Delete shortcut' link in the Action column.

Session	Shortcut	Access	Action
my session	Shortcut to my session	smshao	<a href="#">Delete shortcut</a>

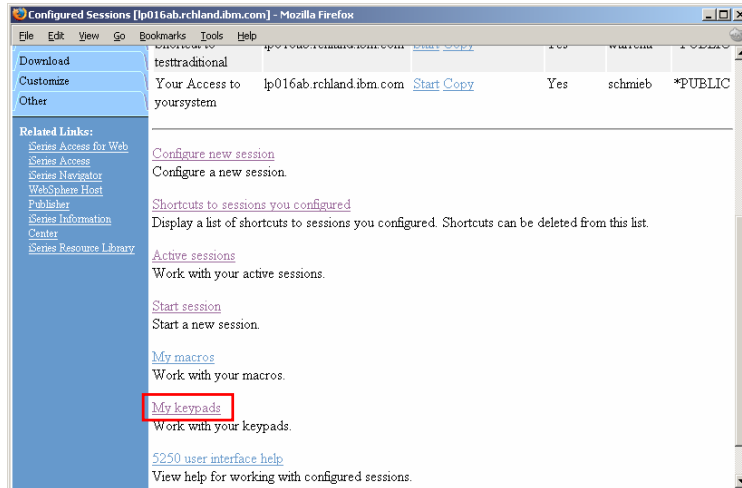
## Keypads



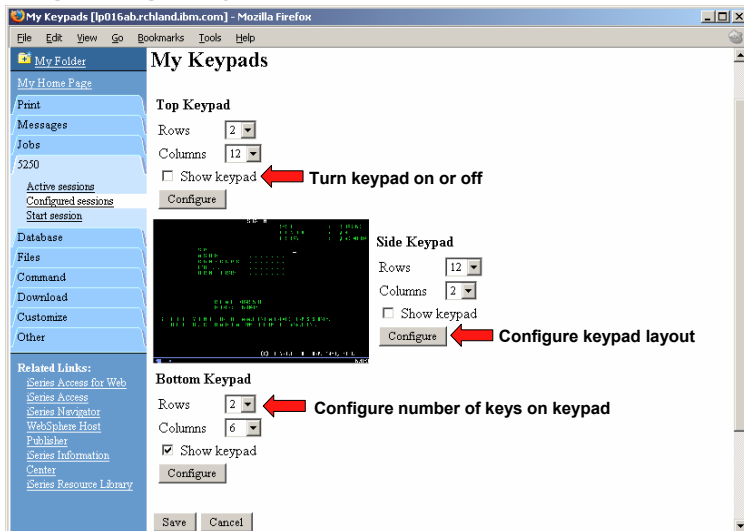
## Keypads

- 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

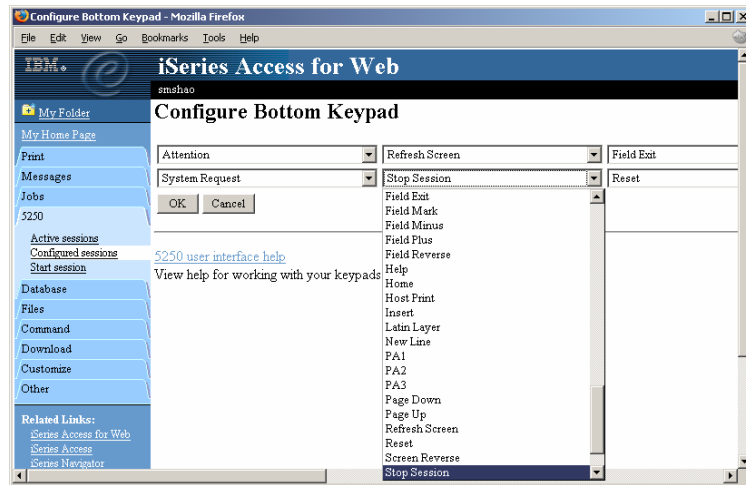
# Configuring Keypad



# Configuring Keypad



## Configuring Keypad

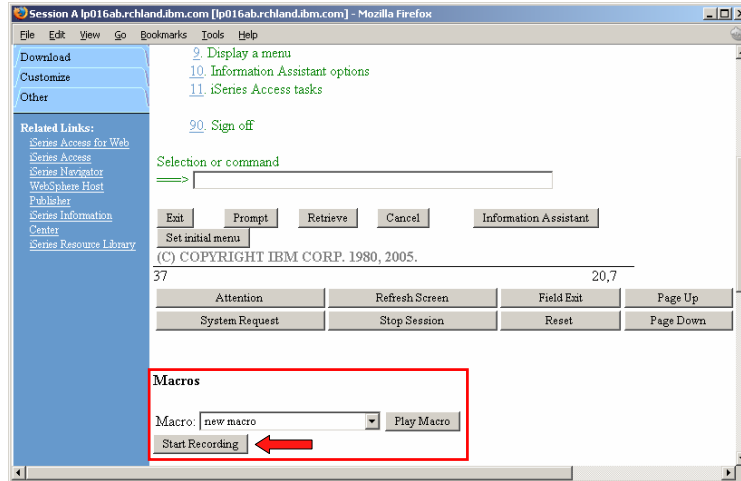


## Macros

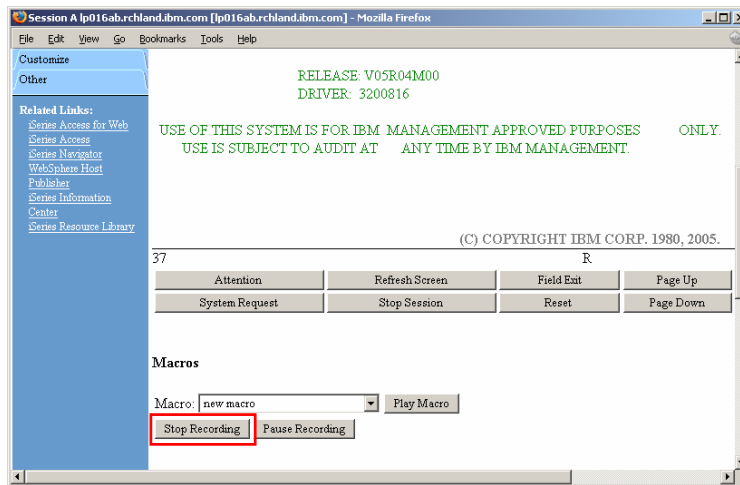
- Behaves differently than PC5250
  - Keys processed on a screen by screen basis
    - PC5250 – every key is recorded and played back
    - iSeries Access for Web – cursor positioned in field and keys entered into field
  - On a given screen, keys may not be processed in the same order as they are entered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



## Recording Macros



## Stop Recording





## Naming the Macro

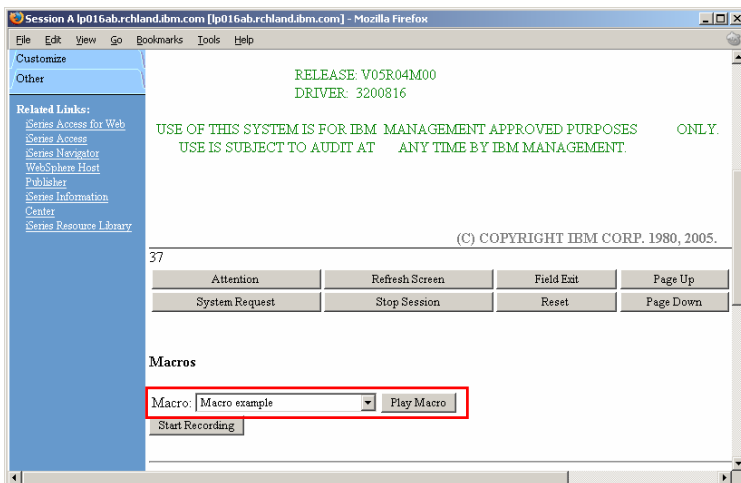


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## Playing Macro

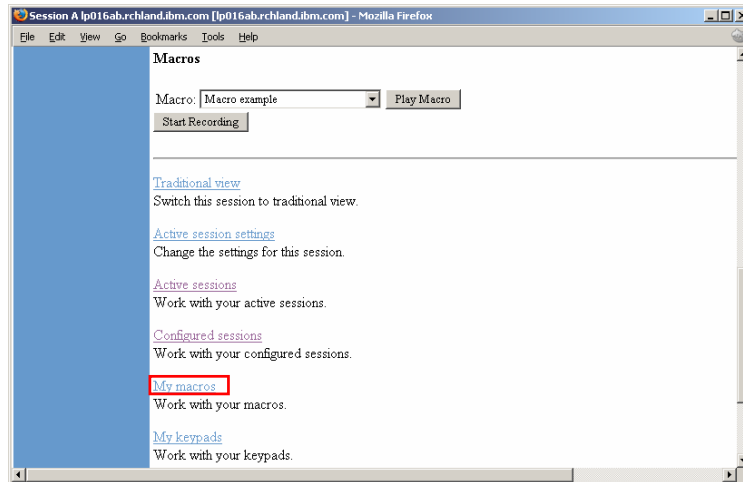


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## Managing Macros

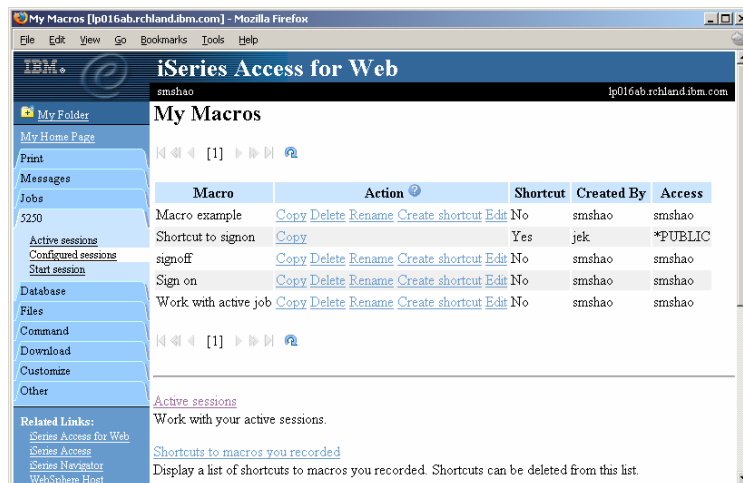


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## Macro List



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## Editing a Macro



## 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  
 [dpsosi] - Display SO/SI  
 [dup] - DUP field  
 [enter] - Enter  
 [eof] - End of field  
 [eraseeof] - Erase EOF  
 [erasefld] - Erase field  
 [erinp] - Erase input  
 [fldexit] - 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

The screenshot shows the 'My Macros' page in iSeries Access for Web. A table lists several macros with their respective actions and shortcuts. The 'Create shortcut' link for the 'Macro example' row is highlighted with a red box.

Macro	Action	Shortcut	Created By	Access
Macro example	<a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Shortcut to signon	<a href="#">Copy</a>	Yes	jek	*PUBLIC
signoff	<a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Sign on	<a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create shortcut</a> <a href="#">Edit</a>	No	smshao	smshao
Work with active job	<a href="#">Copy</a> <a href="#">Delete</a> <a href="#">Rename</a> <a href="#">Create shortcut</a> <a href="#">Edit</a>	No	smshao	smshao

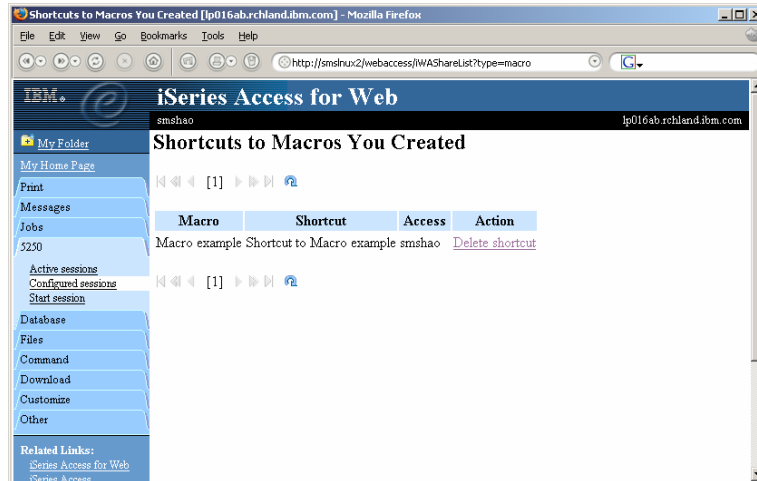


## Managing Macro Shortcuts

The screenshot shows the 'My Macros' page in iSeries Access for Web, specifically the 'Shortcuts to macros you recorded' section. This section is highlighted with a red box and contains a list of recorded shortcuts that can be deleted.

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

## Macro Shortcut List

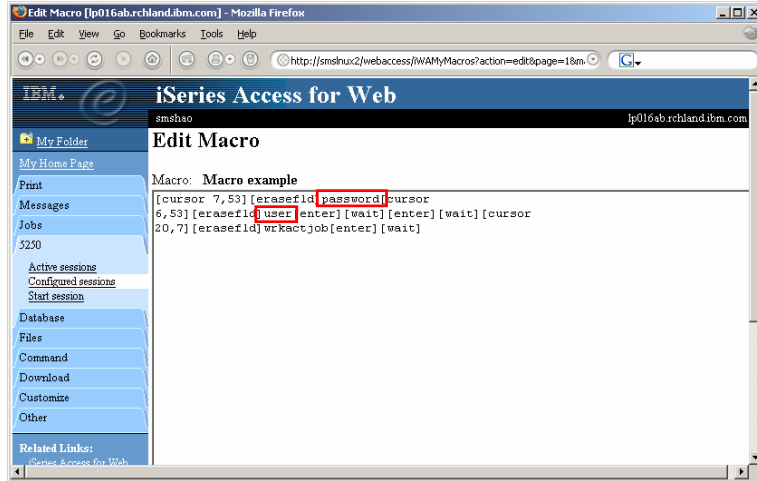


## Single Sign On with Macro

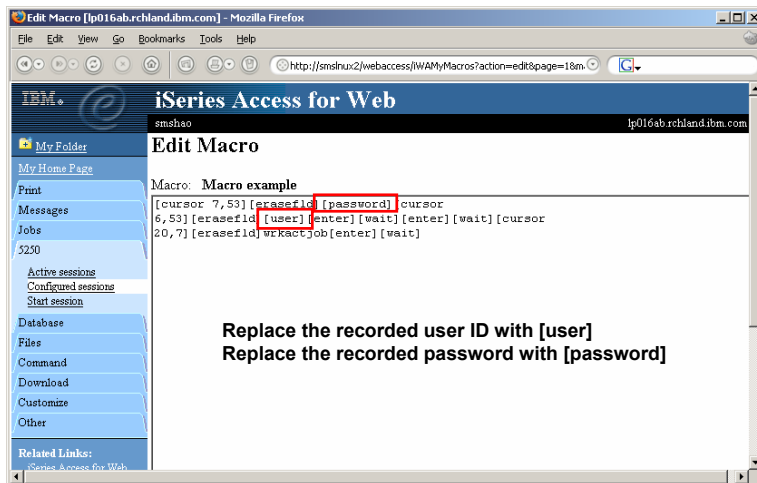
- Create a macro to login to 5250
  - Using your own user ID and password
- Edit the macro and replace your user ID and password with directives to use the user's login
- Share the macro (create shortcut) with the user or group
- Associate the macro with a session so the macro is executed when the session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



## Edit Macro

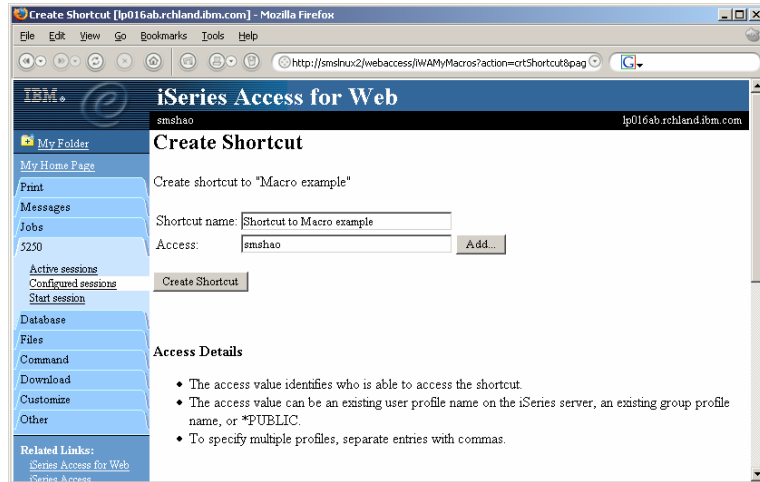


## Edit Macro

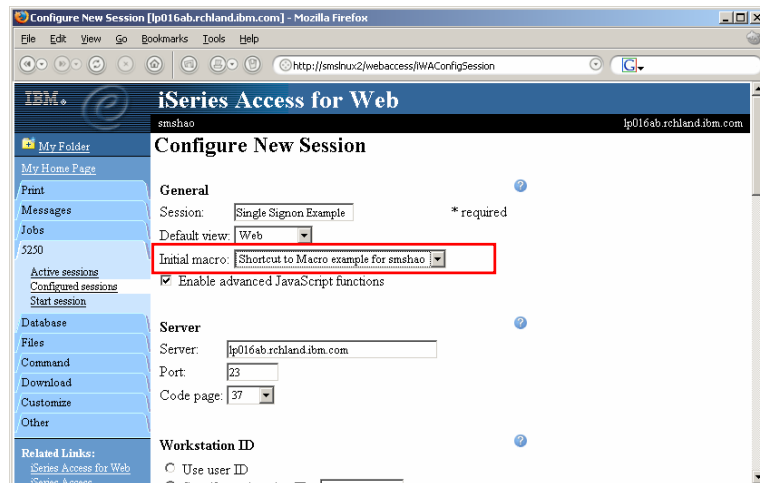




## Share the Macro



## Create New Session





## Share the Session

**Create Shortcut**

Create shortcut to "Single Signon 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.



## Starting the Session

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

## Start Session Result

IBM iSeries Access for Web

smshao

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

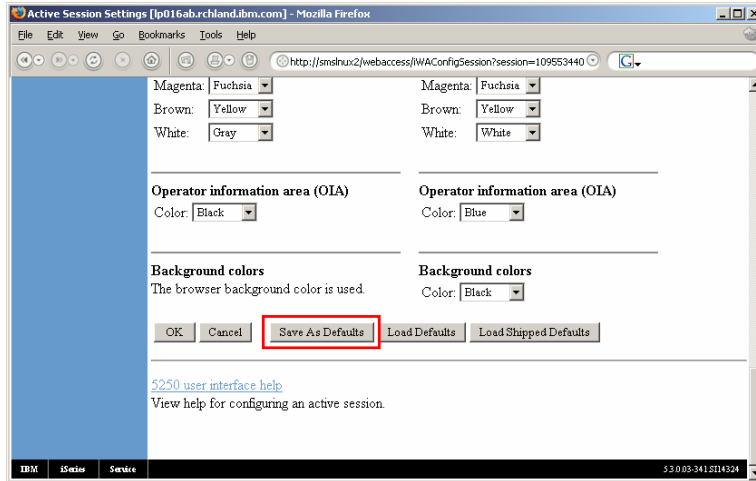
Type options, press Enter.  
 2=Change 3=Hold 4=End 5=Work with 6=Release 7=Display message  
 8=Work with spooled files 13=Disconnect ...

Opt	Subsystem/Job	User	Type	CPU %	Function	Status
<input type="checkbox"/>	BLDSHIPSS	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	RCBLDSHIP	RTANNER	BCH	.0	PGM-QD2BR CV	DEQW
<input type="checkbox"/>	BLDTESTSS	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	RCBLDTEST	RTANNER	BCH	.0	PGM-QD2BR CV	DEQW
<input type="checkbox"/>	QASE5	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	ADMIN	QEJBSVR	BCH	.0	PGM-QASESTRSVR	JVAW
<input type="checkbox"/>	QASE51	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	QBATCH	QSYS	SBS	.0		DEQW

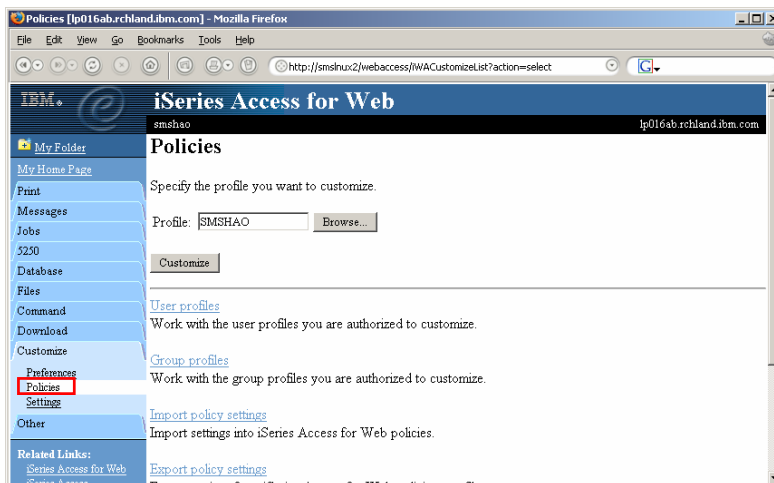
## Session Defaults

- 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

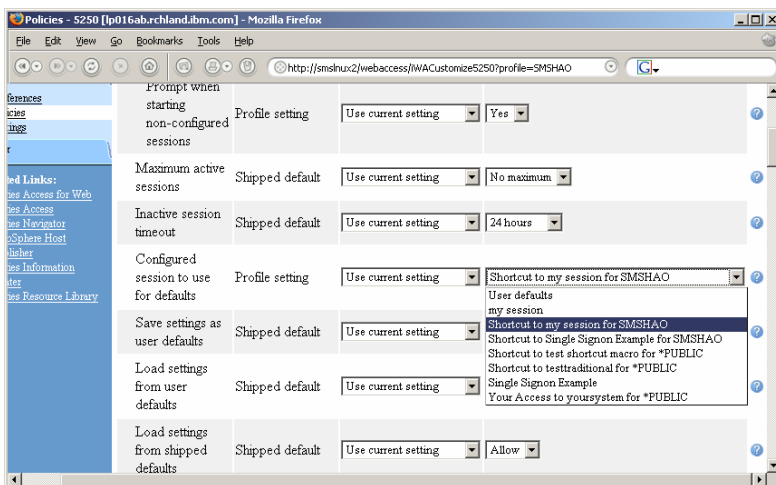


The screenshot shows the 'Policies' page in iSeries Access for Web. The browser address bar shows the URL: `http://smshu2/webaccess/WACustomize?profile=SMSHAO`. The page title is 'Policies' and the profile is 'SMSHAO'. A table lists various policy categories with an 'Edit' link for each. The '5250 user interface custom settings' row is highlighted with a red box.

Action	Category	Description
<a href="#">Edit</a>	5250	5250 user interface custom settings
<a href="#">Edit</a>	Command	Run batch command custom settings.
<a href="#">Edit</a>	Customize	Preferences and policy administration custom settings.
<a href="#">Edit</a>	Database	Database tables, requests, and run SQL custom settings.
<a href="#">Edit</a>	Database connections	Create and edit database connection definitions.
<a href="#">Edit</a>	Download	Download packages custom settings.
<a href="#">Edit</a>	Files	Integrated file system and file share custom settings.
<a href="#">Edit</a>	General	Page layout, language and character set custom settings.
<a href="#">Edit</a>	Jobs	Work with jobs custom settings.
<a href="#">Edit</a>	Mail	Send mail custom settings.
<a href="#">Edit</a>	Messages	Display messages, send messages, and message queue custom settings.
<a href="#">Edit</a>	My Folder	My Folder custom settings.



## Setting Default Session



The screenshot shows the '5250 user interface custom settings' page in iSeries Access for Web. The browser address bar shows the URL: `http://smshu2/webaccess/WACustomize5250?profile=SMSHAO`. The page contains several settings for the 5250 user interface. A dropdown menu is open for the 'Configured session to use for defaults' setting, showing options like 'Shortcut to my session for SSMHAO', 'User defaults', and 'my session'.

Prompt when starting non-configured sessions	Profile setting	Use current setting	Yes
Maximum active sessions	Shipped default	Use current setting	No maximum
Inactive session timeout	Shipped default	Use current setting	24 hours
Configured session to use for defaults	Profile setting	Use current setting	Shortcut to my session for SSMHAO
Save settings as user defaults	Shipped default	Use current setting	Shortcut to my session for SSMHAO
Load settings from user defaults	Shipped default	Use current setting	Shortcut to Single Signon Example for SSMHAO
Load settings from shipped defaults	Shipped default	Use current setting	Allow



## 5250 Policies

The screenshot shows the 'Policies - 5250' configuration page in a Mozilla Firefox browser. The page title is 'iSeries Access for Web' and the profile is 'SMSHAO'. A table lists various policies with their settings:

Policy	Derived From	Action	Setting
5250 access	Shipped default	Use current setting	Allow
5250 tab	Profile setting	Use current setting	Show
Start non-configured sessions	*PUBLIC group	Use current setting	Allow
Prompt when starting non-configured sessions	Profile setting	Use current setting	Yes
Maximum active sessions	Shipped default	Use current setting	No maximum

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## 5250 Policies

The screenshot shows the continuation of the 'Policies - 5250' configuration page. The table lists the following policies and settings:

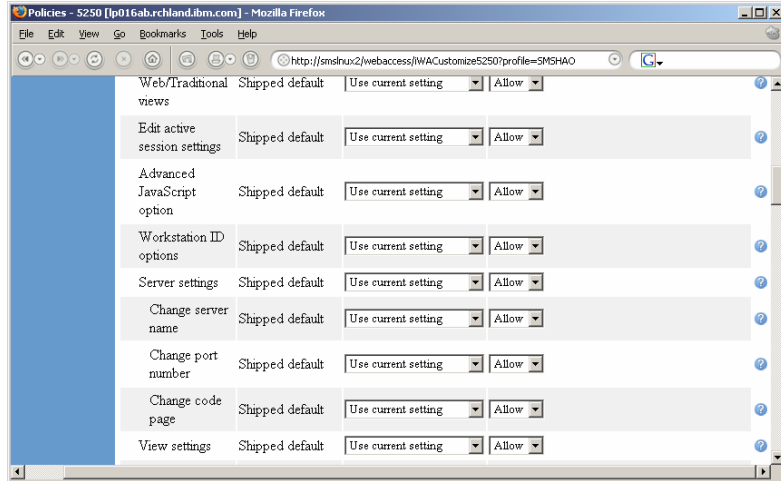
Maximum active sessions	Shipped default	Use current setting	No maximum
Inactive session timeout	Shipped default	Use current setting	24 hours
Configured session to use for defaults	Profile setting	Use current setting	Shortcut to my session for SMSHAO
Save settings as user defaults	Shipped default	Use current setting	Allow
Load settings from user defaults	Shipped default	Use current setting	Allow
Load settings from shipped defaults	Shipped default	Use current setting	Allow
Switch between Web/Traditional views	Shipped default	Use current setting	Allow

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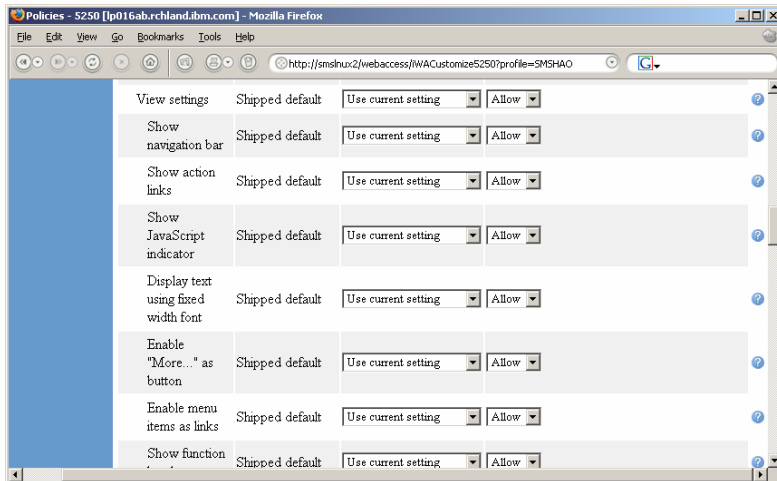
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## 5250 Policies

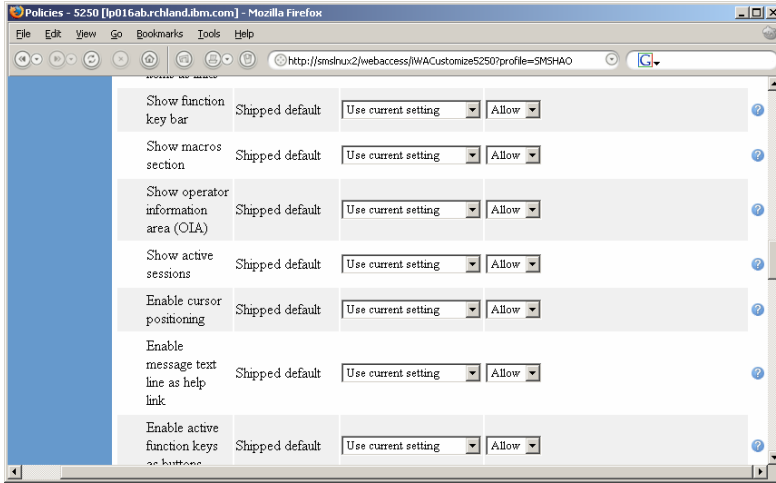


## 5250 Policies





## 5250 Policies

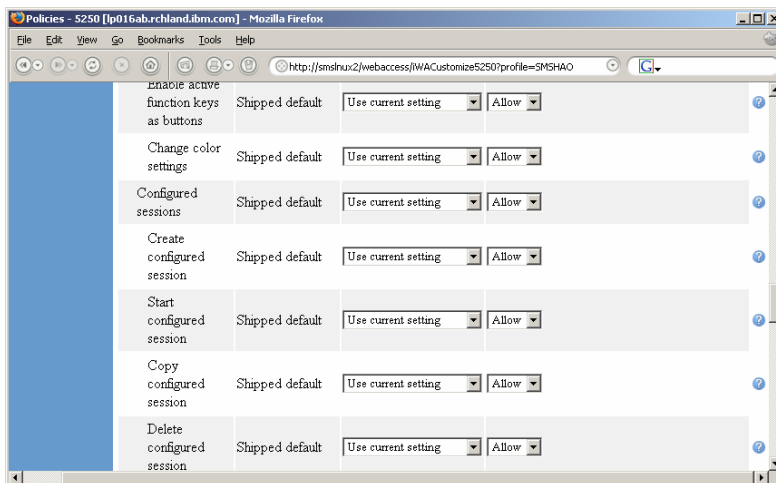


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## 5250 Policies



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## 5250 Policies

Policy Name	Default	Use current setting	Allow
configured session	Shipped default	Use current setting	Allow
Rename configured session	Shipped default	Use current setting	Allow
Edit configured session	Shipped default	Use current setting	Allow
List configured session shortcuts	Shipped default	Use current setting	Allow
Create configured session shortcut	Shipped default	Use current setting	Allow
Copy configured session shortcut	Shipped default	Use current setting	Allow

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## 5250 Policies

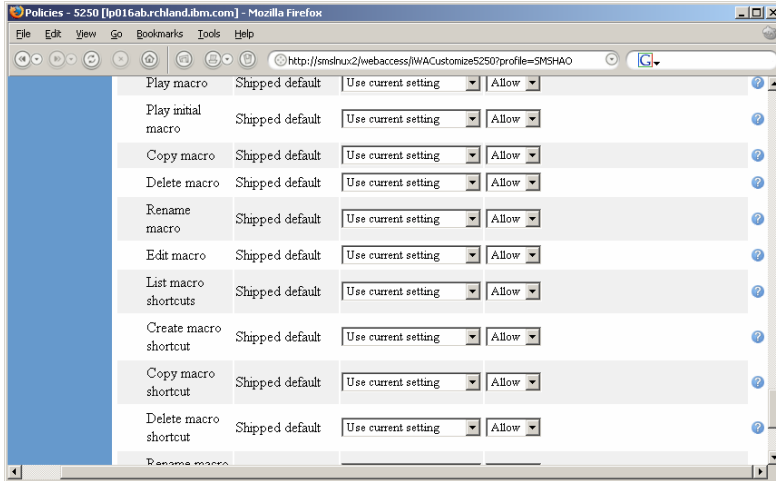
Policy Name	Default	Use current setting	Allow
Delete configured session shortcut	Shipped default	Use current setting	Allow
Rename configured session shortcut	Shipped default	Use current setting	Allow
Configured sessions list columns	Shipped default	Use current setting	Columns...
My keypads	Shipped default	Use current setting	Allow
My macros	Shipped default	Use current setting	Allow
Record macro	Shipped default	Use current setting	Allow
Play macro	Shipped default	Use current setting	Allow
Play initial	Shipped default	Use current setting	Allow

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## 5250 Policies

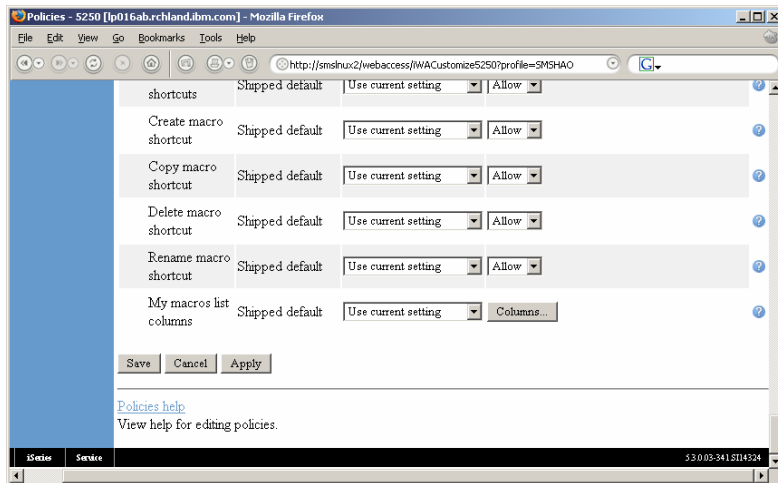


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## 5250 Policies



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## 5250 Preferences

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

http://smshur2/webaccess/WACustomize5250

IBM. iSeries Access for Web

smshao lp016ab.rchland.ibm.com

My Folder

My Home Page

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

**Preferences**

Policies

Settings

Other

Related Links:

iSeries Access for Web

iSeries Access

Preference	Derived From	Action	Setting
5250 tab	Profile setting	Use current setting	Show
Prompt when starting non-configured sessions	Profile setting	Use current setting	Yes
Configured sessions list columns	Shipped default	Use current setting	Columns...
My macros list columns	Shipped default	Use current setting	Columns...

Save Cancel Apply

Preferences help

View help for editing preferences.

## 5250 Settings

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

http://smshur2/webaccess/WASettings5250

IBM. iSeries Access for Web

smshao lp016ab.rchland.ibm.com

My Folder

My Home Page

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Preferences

Policies

**Settings**

Other

Related Links:

iSeries Access for Web

iSeries Access

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

## Sharing an Active Session

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

http://smnlru2/webaccess/WAAActiveSessions

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:  
Series Access for Web  
Series Access

### 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 <b>Share Session</b>

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.

## 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

The screenshot shows the 'Share 5250 Session' page in the iSeries Access for Web interface. The page title is 'Share 5250 Session' and the user is 'smshao'. There is a 'Users' input field containing 'smshao' and a 'Browse...' button. A 'Share Session' button is also visible. Under the 'User Details' section, there are two bullet points:
 

- 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

The screenshot shows the 'Active Sessions' page in the iSeries Access for Web interface. The page title is 'Active Sessions'. A table lists active sessions with columns for Server, Session, Started, Last Accessed, View, and Action. The table contains one entry for session 'A' on server 'lp016ab.rchland.ibm.com'. Below the table, there are links for 'View-only sessions', 'Shared sessions', 'Configured sessions', and 'Start session'. The 'View-only sessions' link is highlighted with a red box, and its description is: 'Display a list of active sessions others are sharing with me.'

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	<a href="#">Reconnect</a> <a href="#">Stop</a> <a href="#">Edit</a> <a href="#">Share Session</a>



## View-only Session List

The screenshot shows a web browser window titled "View-only Sessions [lp016ab.rchland.ibm.com] - Mozilla Firefox". The address bar shows the URL "http://smshux2/webaccess/WAVViewList". The page header includes the IBM logo and "iSeries Access for Web" with the user "smshao" and host "lp016ab.rchland.ibm.com". A navigation menu on the left lists various options like "My Folder", "Print", "Messages", etc. The main content area is titled "View-only Sessions" and contains a table with columns: "Server", "Session", "Owner", "Access", and "Action". The "Action" column has a "View" link highlighted with a red box. Below the table, there are sections for "Shared sessions", "Configured sessions", and "My macros".



## View-only Session

The screenshot shows a web browser window titled "Session A lp016ab.rchland.ibm.com [lp016ab.rchland.ibm.com] - Mozilla Firefox". The address bar shows the URL "http://smelnu2/webaccess/WAVView/5250?action=stop&session=10955". The page displays a list of sessions with columns: "Opt", "Subsystem/Job", "User", "Type", "CPU %", "Function", and "Status". The sessions listed are:

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	QEJBSVR	BCH	.0	PGM-QASESTRSVR	JVAW
-	QASE51	QSYS	SBS	.0		DEQW
-	QBATCH	QSYS	SBS	.0		DEQW
-	QCMN	QSYS	SBS	.0		DEQW

Below the table, there are sections for "Parameters or command" and "Type options, press Enter." with various function key shortcuts like "F3=Exit", "F5=Refresh", etc.



## Managing Shared Sessions

The screenshot shows the 'Active Sessions' page in iSeries Access for Web. The browser window title is 'Active Sessions [ip016ab.rchland.ibm.com] - Mozilla Firefox'. The URL is 'http://smshu2/webaccess/WAActiveSessions'. The page header includes the IBM logo, 'iSeries Access for Web', and the user 'smshao'. The main content area displays a table of active sessions:

Server	Session	Started	Last Accessed	View	Action
ip016ab.rchland.ibm.com A		9/18/04 2:06:47 PM CDT	9/18/04 2:43:18 PM CDT	Web	<a href="#">Reconnect</a> <a href="#">Stop</a> <a href="#">Edit</a> <a href="#">Share Session</a>

Below the table, there are links for 'View-only sessions' and 'Shared sessions'. The left sidebar contains navigation options like 'My Folder', 'My Home Page', 'Print', 'Messages', 'Jobs', '5250', 'Active sessions', 'Configured sessions', 'Start session', 'Database', 'Files', 'Command', 'Download', 'Customize', 'Other', and 'Related Links'.



## Shared Session List

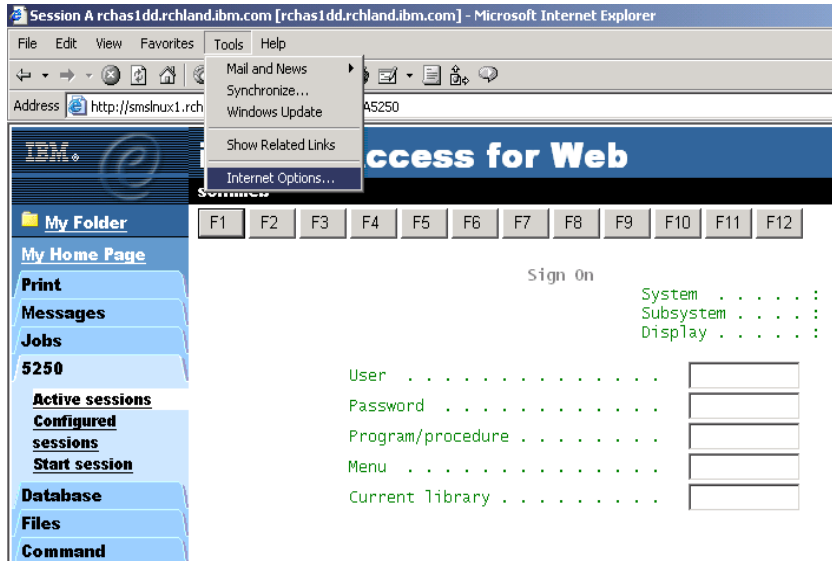
The screenshot shows the 'Shared Sessions' page in iSeries Access for Web. The browser window title is 'Shared Sessions [ip016ab.rchland.ibm.com] - Mozilla Firefox'. The URL is 'http://smshu2/webaccess/WAShareS2SQList'. The page header includes the IBM logo, 'iSeries Access for Web', and the user 'smshao'. The main content area displays a table of shared sessions:

Server	Session	Access	Action
ip016ab.rchland.ibm.com A	smshao		<a href="#">Stop sharing</a>

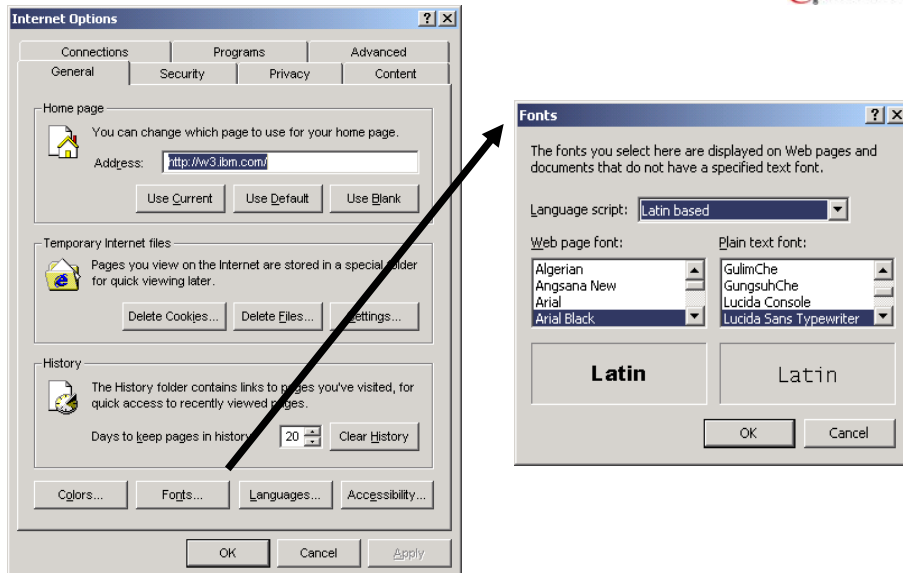
Below the table, there are links for 'View-only sessions' and 'Configured sessions'. The left sidebar contains navigation options like 'My Folder', 'My Home Page', 'Print', 'Messages', 'Jobs', '5250', 'Active sessions', 'Configured sessions', 'Start session', 'Database', 'Files', 'Command', 'Download', 'Customize', 'Other', and 'Related Links'.



# Changing Fonts (MS IE)



# Changing Fonts (MS IE)





# Changing Fonts via Microsoft IE



Session A rchas1dd.rchland.ibm.com [rchas1dd.rchland.ibm.com] - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Toolbars  
Status Bar  
Explorer Bar

Go To  
Stop  
Refresh

My Home  
Print  
Messages  
Jobs  
5250

Active sessions  
Configured sessions  
Start session

Database  
Files  
Command  
Customize  
Other

Related Links:  
iSeries Access for Web

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es Access for Web

OS/400 MAIN MENU

SYSTEM: R

THE FOLLOWING:

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



# Changing Fonts via Netscape



Session A rchas1dd.rchland.ibm.com [rchas1dd.rchland.ibm.com] - Netscape

File Edit View Go Communicator Help

Cut  
Copy  
Paste  
Select All  
Find in Page...  
Find Again  
Search Internet  
Preferences...

Home  
Search  
Netscape  
Print  
Security  
Shop  
Stop

ies Access for Web

Sign On

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

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

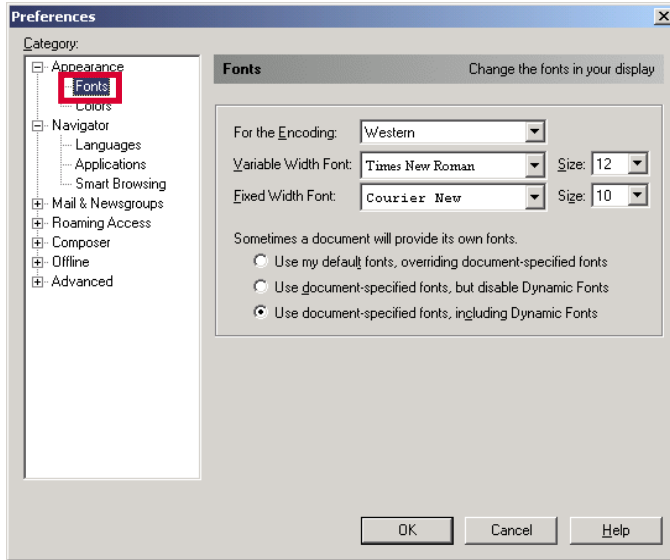
RELEASE: V05R01M00  
DRIVER: 220603

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# Changing Fonts via Netscape...

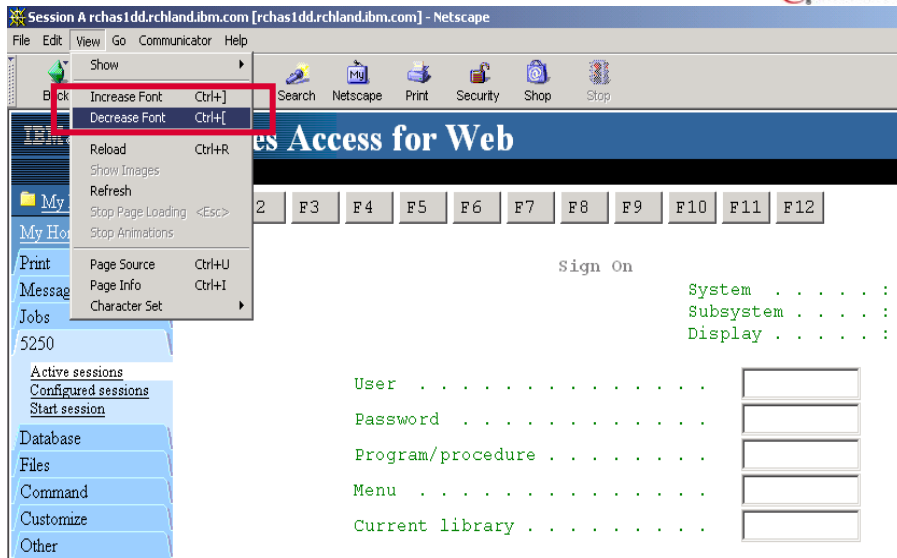


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# Changing Text Size



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## Notes: Changing Font and text size

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



## 5250 and Portal Server



The screenshot shows a Mozilla Firefox browser window displaying the IBM WebSphere Portal. The main content area shows an iSeries 5250 session interface with a grid of function keys (F1-F24) at the top. Below the keys, there is a 'Sign On' section with fields for User, Password, Program/procedure, Menu, and Current library. To the right, system information is displayed: System: LP116AB, Subsystem: QINTER, Display: QPADEV000N. A 'Welcome' sidebar on the right lists available iSeries Access portlets: 5250 portlet, IFrame portlet, Integrated File System (IFS) browsing portlet, and Printers, printer output, and output queues portlets. At the bottom of the session area, there are keyboard function keys (Enter, Attention, Refresh Screen, Field Exit, Page Up, System Request, Stop Session, Reset, Page Down) and a status bar with 'Done'.



## 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)	
@server	iSeries	

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