



IBM System i™

Session: 21C

## 2007 System i and AS/400 Connection Conference

# System i Access for Web: Run 5250 in a Browser

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IBM Rochester

*i want stress-free IT.*  
*i want control.*  
*i want an i.*

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## Abstract

### Run 5250 through a Browser with System i Access for Web

- System i Access for Web has a 5250 interface that allows you to access your System i through your web browser of choice.
- You can completely control this function from your System i, set up pre-configured sessions for your end users, bypass the second sign-on by using macros at start-up time, and have a help desk 'shared 5250 session' with users having troubles at their desktop.
- Come listen to an expert on PC5250 explain the features and functions available in this 5250 web-based interface so your company can get to the worldwide web with your existing applications.

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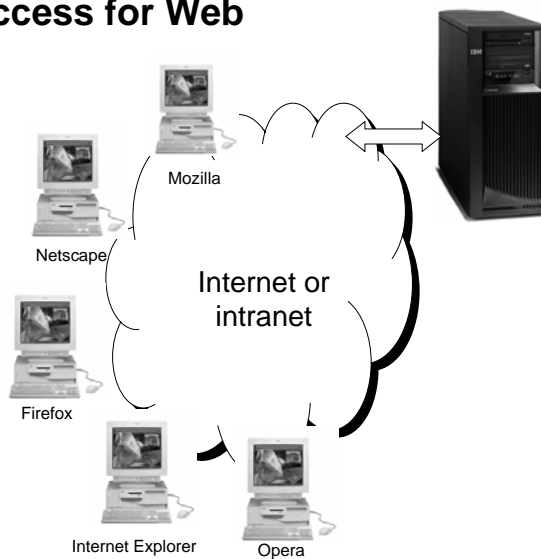
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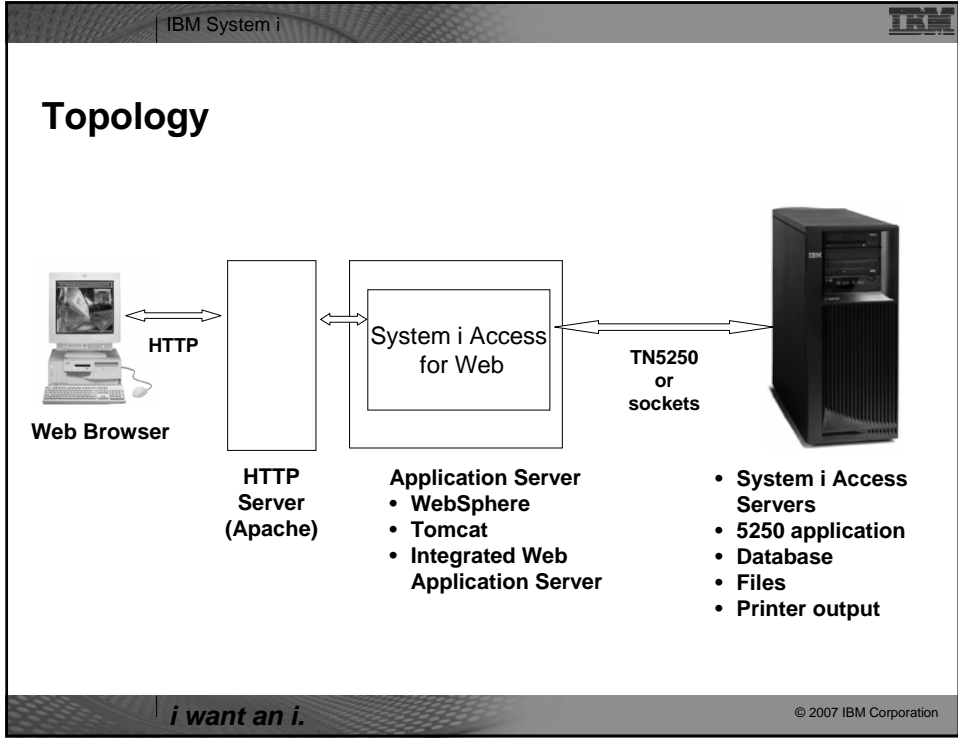


## What is System i Access for Web

## What is System i Access for Web

- **Servlet based**
  - Nothing to install on the desktop
  - Only requires a browser on the desktop
- **Runs on System i in a web application server**
  - HTML pages rendered by the web browser





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# System i Access for Web 5250 Interface

- Runs as an interactive job
  - Only function in System i Access for Web that is interactive
- TN5250 port
  - Only function in System i Access for Web that uses TN5250 port

My Home Page

My Folder

Visit

Messages

Jobs

3250

Active sessions

Configured sessions

Start session

Database

Files

Command

Download

Customize

Other

Related Links:

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

MAIN IS/OS 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. Series Access tasks

20. Sign off

Selection or command

====>

Exit Prompt Retrieve Cancel Information Assistant

Set initial menu

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20.7

Attention Refresh Screen Field Exit Page Up Enter

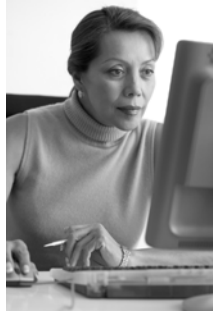
System Request Stop Session Reset Page Down

Macros

Macro: [Shortcut to My macro for \*PUBLIC] [Play Macro]

Start Recording

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## Preconfigured Sessions

## Run Pre-Configured 5250 Sessions

You can limit users to connecting to only specific systems or running only specific applications.

- Create preconfigured 5250 sessions
- Then set policies to restrict users to only preconfigured sessions
- User selects 'Configured Sessions'
  - Only link provided
  - User has only one action - to start a session

`http://<systemi>:<port>/webaccess/iWAMain`

The screenshot shows the 'Configured Sessions' page in the IBM Series Access for Web interface. The page has a header with 'Series Access for Web', user information 'user: adam', and the URL 'http://<systemi>:<port>/webaccess/iWAMain'. The main content area is titled 'Configured Sessions' and contains a table with the following data:

Session	Action	Shortcut	Created By	Access
Shortcut to demo	Yes	Yes	amphao	*PUBLIC
Shortcut to Payroll	Yes	Yes	other	*PUBLIC

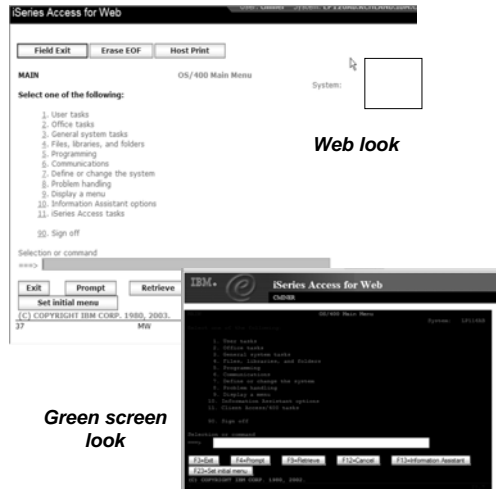
Below the table, there are 'Related Links' including 'Series Access for Web', 'Series Access', 'Series Navigator', 'Series Information Center', 'Series Resource Library', 'Configure the sessions you configured', 'Display a list of shortcuts to sessions you configured. Shortcuts can be deleted from this list.', 'Active sessions', 'Work with your active sessions.', 'The macros', 'Work with your macros.', 'The shortcuts', 'Work with your shortcuts.', and '3250 user interface help', 'View help for working with configured sessions.'

## Run Pre-Configured 5250 Sessions

If you do not want users using anything in System i Access for Web except 5250, you could:

- Simply give them the 5250 url address (ie, `http://systemi/webaccess/iWA5250`)
- Set policies so users end up where you want them to be
  - Could include a macro so user bypasses i5/OS sign-on screen
- Predefined what screens will look like:
  - Colors
  - No Navigation pane

`http://<systemi>:<port>/webaccess/iWA5250`



## Policies

Policies are used by administrators to control the System i Access for Web functions and behavior

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# Policies

- Only i5/OS users with \*SECADM authority can customize profiles

Action	Category	Description	Access
<input checked="" type="checkbox"/>	5250	5250 user interface custom settings.	Allowed
<input checked="" type="checkbox"/>	Command	Run batch command custom settings.	Allowed
<input checked="" type="checkbox"/>	Customize	Preferences and policy administration custom settings.	Allowed
<input checked="" type="checkbox"/>	Database	Database tables, requests, and run SQL custom settings.	Allowed
<input checked="" type="checkbox"/>	Database connections	Create and edit database connection definitions.	Allowed
<input checked="" type="checkbox"/>	Download	Download packages custom settings.	Allowed
<input checked="" type="checkbox"/>	Files	Integrated file system and file share custom settings.	Allowed
<input checked="" type="checkbox"/>	General	Page layout, language and character set custom settings.	Allowed
<input checked="" type="checkbox"/>	Jobs	Work with jobs custom settings.	Allowed
<input checked="" type="checkbox"/>	Mail	Send mail custom settings.	Allowed
<input checked="" type="checkbox"/>	Messages	Display messages, send messages, and message queue custom settings.	Allowed
<input checked="" type="checkbox"/>	My Folder	My Folder custom settings.	Allowed
<input checked="" type="checkbox"/>	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
<input checked="" type="checkbox"/>	Sametime	Lotus Sametime custom settings.	Allowed
<input checked="" type="checkbox"/>	Other	Change password and other miscellaneous custom settings.	Allowed

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# Setting Policies for 5250

When any user attempts to access the System i using System i Access for Web, a check is made to see what policies have been set for this i5/OS user profile prior to displaying any information.

The following sequence of checks are made to authenticate user access:

- User profile
- Group profile
- \*PUBLIC profile  
(\*every System i Access for Web user is a member of \*PUBLIC user group)

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

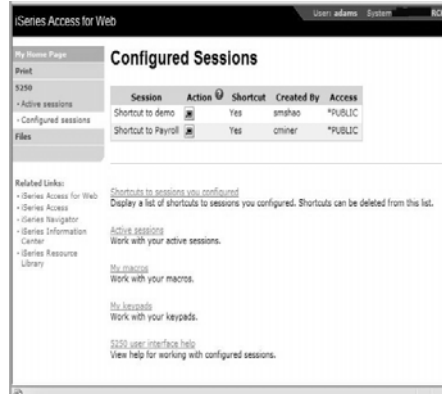
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## Policy settings to run only Preconfigured sessions

Set all the below policies to "deny" to restrict user to running only preconfigured 5250 sessions.

- Start non-configured sessions
- Create configured session
- Copy configured session
- Delete configured session
- Rename configured session
- Edit configured session
- Create configured session shortcut
- Copy configured session shortcut
- Delete configured session shortcut
- Rename configured session shortcut

http://<systemi>:<port>/webaccess/iWAMain



*In this example, other policies were also set to remove other functions from the Navigation pane*

## Policy settings to run only 5250 (no navigation pane)

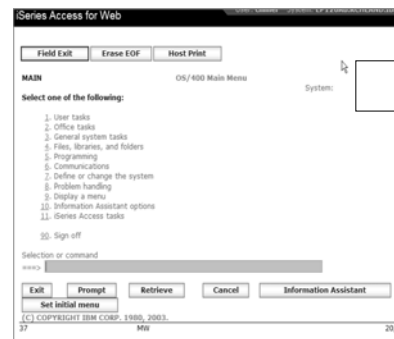
Here are some policies you could set to enable a user to go directly to a 5250 session and not see anything else in System i Access for Web

- Leave "Start non-configured sessions" on Allow
- Set "Prompt when starting non-configured sessions" to No
- In "Configured session to use for defaults", add a previously created Configured session that you have given this user/group profile a shortcut to

To entirely remove the Navigation pane, go to category "General"

- Navigation = Deny

http://<systemi>:<port>/webaccess/iWA5250



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# Setting Default Session

Select the shortcut to the session to use as the default and apply the policy

My Home Page

My Folder

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Preferences

Policies

Settings

Transfer configuration

Other

Related Links:

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

**Edit Policies - 5250**

Profile: **SMSHAD**

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

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# 5250 Preferences

Preferences are settings that the user can modify

My Home Page

My Folder

Print

Messages

Jobs

5250

Database

Files

Command

Download

Customize

Preferences

Policies

Settings

Transfer configuration

Other

**Edit Preferences - 5250**

Preference	Derived From	Action	Setting
5250 tab	Shipped default	Use current setting	Show
Prompt when starting non-configured sessions	Shipped default	Use current setting	Yes
Show server name in title	Shipped default	Use current setting	Yes
Show configured session name in title	Shipped default	Use current setting	No
Active sessions list columns	Shipped default	Use current setting	Columns...
Configured sessions			
Configured sessions list columns	Shipped default	Use current setting	Columns...
My macros			
My macros list columns	Shipped default	Use current setting	Columns...

Save Cancel Apply

[Preferences help](#)  
View help for editing preferences.

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# 5250 Settings

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

Settings are global – applies for all users and groups.

Session wait time is the amount of time iWA5250 will wait after input inhibit is off before rendering the screen content.

Bump this value up if the application or system is slow in responding.

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## Starting a 5250 session

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## Start a Session Dynamically

- Specify the system to connect
- Select the session attributes
  - Port, code page, workstation ID, etc.
- Start session

Related Links:

- iSeries Access for Web
- iSeries Access

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## Start a Configured Session

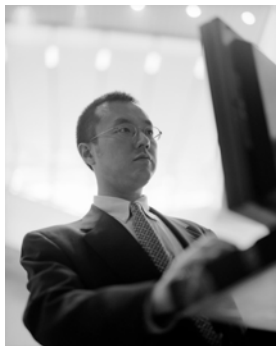
- Configured sessions list shows the list of sessions for the logged in user
- Select the “Start” icon for the session to start

Session	Server	Action	Shortcut	Created By	Access
system A	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao
system B	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao

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## Fonts

- **System i Access for Web 5250 is rendered with HTML**
  - **Fonts are controlled by the browser**
  - **Use browser options to change the font style and font size**



**Configuring a 5250 session**



**Creating Shortcuts to your configured sessions**

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## Configure a New Session

- Select the "Configure new session" link

Session	Server	Action	Shortcut	Created By	Access
system A	LP016AB.RCHLAND.IBM.COM	[Icons]	No	smshao	smshao
system B	LP016AB.RCHLAND.IBM.COM	[Icons]	No	smshao	smshao

[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.

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## Configure a New Session

- New sessions are added to the "Configured sessions" list
- Similar to "Start session" settings
  - Server, port, code page, workstation ID
- Additional settings
  - View and color

**General**

Session:  \* required  
 Default view:   
 Initial macro:   
 Bypass signon  
 Display HTML data in fields  
 Enable advanced JavaScript functions

**Server**

Server:   
 Port:   
 Code page:

**Workstation ID**

Use user ID  
 Specify workstation ID   
 Avoid duplicates for this user  
 Avoid duplicates with other users

Related Links:  
 - iSeries Access for Web  
 - iSeries Access  
 - iSeries Navigator  
 - iSeries Information

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## Configuring a New Session – Workstation ID

### Workstation ID

- Use user ID  
 Specify workstation ID   
 Avoid duplicates for this user  
 Avoid duplicates with other users

The Workstation ID options are:

**Use user ID:** The System i Access for Web authenticated user ID is used for the workstation ID, up to ten characters.

**Specify workstation ID:** Enter a workstation ID of your choice, up to ten characters. If you select the radio button and leave the text field blank, a value is generated by the server. The default device name starts with *QPADEV*.

The configuration options for avoiding conflicts are:

**Avoid duplicates for this user:** When this option is enabled, a wild card character is added to the device name to make it unique for the current user.

**Avoid duplicates with other users:** When this option is enabled, the server adds a wild card character to the device name to make it unique for all users on the server.

## Configuring a New Session – Workstation ID

You can enter keyword and special characters, like you do for PC5250. Here is how they are handled.

**Computer name or User name (&COMP, &USERN):** These keywords are accepted. However, they will not resolve to the PC name and the Windows login user ID like they do in PC5250.

Computer name: resolved to the System i name

User name: resolved to the user profile name of the web application server job.

Also note that using the &COMP and &USERN keywords could result in workstation IDs that are longer than ten characters which would then be truncated.

**Session Type ID (%):** This will add an "S" to workstation ID, indicating that this is a display session. With PC5250, a "P" would replace the "%" if a printer session was started. However, System i Access for Web only has display sessions.

## Configuring a New Session – Workstation ID

Keyword and special characters, continued...

**Short session ID (\*):** Adding this character will make the ID unique for this user. The System i Access for Web option **Avoid duplicates for this user** causes the "\*" character to be added at the end of the ID. Therefore, if you use both the "\*" and Avoid duplicates for this user, then two special characters will be added to the workstation ID.

**Collision Avoidance ID (=):** Adding this character will make the session ID unique. The System i Access for Web option **Avoid duplicates with other users** causes the "=" character to be added at the end of the string. Therefore, if you use both the "=" and Avoid duplicates with other users, then two "=" will be added to the string..

## Bypass Signon – new in V5R4

- Uses the credential the user used to login to System i Access for Web
- Option available for configured and dynamically started session
- QRMTSIGN system value must be set to \*VERIFY

## Configured Session Actions

My Home Page		Configured Sessions					
My Folder		Session	Server	Action ?	Shortcut	Created By	Access
Print		Shortcut to system A	LP016AB.RCHLAND.IBM.COM		Yes	smshao	smshao
Messages		Shortcut to system B	LP016AB.RCHLAND.IBM.COM		Yes	smshao	*PUBLIC
Jobs		system A	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao
5250		system B	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao
Active sessions							
Configured sessions							

- **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

## Session Defaults

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

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## Setting User Defaults

“Save As Default” saves this session configuration as the default for the current user.

Can be performed from active session settings or configured session settings.

<p><b>Foreground colors</b> 5250 <b>Browser</b></p> <p>Black: <input type="text" value="Black"/></p> <p>Blue: <input type="text" value="Blue"/></p> <p>Green: <input type="text" value="Green"/></p> <p>Cyan: <input type="text" value="Teal"/></p> <p>Red: <input type="text" value="Red"/></p> <p>Magenta: <input type="text" value="Fuchsia"/></p> <p>Brown: <input type="text" value="Yellow"/></p> <p>White: <input type="text" value="Gray"/></p>	<p><b>Foreground colors</b> 5250 <b>Browser</b></p> <p>Black: <input type="text" value="Black"/></p> <p>Blue: <input type="text" value="Blue"/></p> <p>Green: <input type="text" value="Green"/></p> <p>Cyan: <input type="text" value="Teal"/></p> <p>Red: <input type="text" value="Red"/></p> <p>Magenta: <input type="text" value="Fuchsia"/></p> <p>Brown: <input type="text" value="Yellow"/></p> <p>White: <input type="text" value="White"/></p>
<p><b>Operator information area (OIA)</b> Color: <input type="text" value="Black"/></p>	<p><b>Operator information area (OIA)</b> Color: <input type="text" value="Blue"/></p>
<p><b>Background colors</b> The browser background color is used.</p>	<p><b>Background colors</b> Color: <input type="text" value="Black"/></p>

[5250 user interface help](#)  
View help for editing a configured session.

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## Shortcuts

- **Shortcut is a pointer to a System i Access for Web object**
  - Configured 5250 session
  - Database request
  - Shortcuts to an object are deleted when the object is deleted
- **The objects is only accessible to the user that created it**
- **Can share the 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

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# Shortcut Example

**Configured Sessions**

Session	Server	Action	Shortcut	Created By	Access
Shortcut to system A	LP016AB.RCHLAND.IBM.COM	[Icons]	Yes	smshao	smshao
Shortcut to system B	LP016AB.RCHLAND.IBM.COM	[Icons]	Yes	smshao	*PUBLIC
system A	LP016AB.RCHLAND.IBM.COM	[Icons]	No	smshao	smshao
system B	LP016AB.RCHLAND.IBM.COM	[Icons]	No	smshao	smshao

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

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# Create Shortcut to Preconfigured Session

**Create Shortcut**

Create shortcut to "Customer Data"

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.

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

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

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

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## Finding Shortcuts You Created

Session	Server	Action	Shortcut	Created By	Access
Shortcut to system A	LP016AB.RCHLAND.IBM.COM		Yes	smshao	smshao
Shortcut to system B	LP016AB.RCHLAND.IBM.COM		Yes	smshao	*PUBLIC
system A	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao
system B	LP016AB.RCHLAND.IBM.COM		No	smshao	smshao

[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.

Click the “Shortcuts to sessions you configured” link

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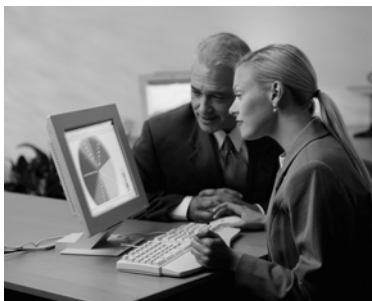
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## Managing Shortcuts You Created

- List of shortcuts you created
- Delete shortcuts you created

Session	Shortcut	Access	Action
system A	Shortcut to system A	smshao	
system B	Shortcut to system B	*PUBLIC	

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## Creating Macros

## Shortcuts to Macros

## Adding Macros to Preconfigured sessions

## Macros

### Behaves differently than PC5250

- Keys processed on a screen by screen basis
  - PC5250 – every key is recorded and played back
  - System i 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

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# Recording Macros

The screenshot shows the IBM System i Sign On interface. On the left is a navigation menu with options like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', 'S250', 'Active sessions', 'Configured sessions', 'Start session', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. Below this is a 'Related Links' section. The main area is titled 'Sign On' and contains fields for 'User', 'Password', 'Program/procedure', 'Menu', and 'Current library'. To the right, system information is displayed: 'System . . . . : LP016AB', 'Subsystem . . . . : QINTER', and 'Display . . . . : QPADEV000G'. Below the sign-on fields, there is a copyright notice '(C) COPYRIGHT IBM CORP. 1980, 2005.' and a row of function keys: 'Attention', 'Refresh Screen', 'Field Exit', 'Page Up', 'Page Down', and 'Enter'. A 'Macros' section at the bottom shows a dropdown menu with 'Shortcut to My macro for \*PUBLIC' selected and a 'Play Macro' button. A white arrow points to the 'Start Recording' button.

IBM

My Home Page

My Folder

Print

Messages

Jobs

S250

Active sessions

Configured sessions

Start session

Database

Files

Command

Download

Customize

Other

Related Links

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

Sign On

System . . . . : LP016AB  
Subsystem . . . . : QINTER  
Display . . . . : QPADEV000G

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

RELEASE: V05R04M00  
DRIVER: 4501130

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Attention Refresh Screen Field Exit Page Up Enter

System Request Stop Session Reset Page Down

Macros

Macro: Shortcut to My macro for \*PUBLIC  Play Macro

Start Recording

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# Stop Recording

The screenshot shows the same IBM System i Sign On interface as the previous one. In the 'Macros' section, the dropdown menu now shows 'Stop Recording' selected, and a 'Pause Recording' button has appeared next to it. A white arrow points to the 'Stop Recording' button.

IBM

My Home Page

My Folder

Print

Messages

Jobs

S250

Active sessions

Configured sessions

Start session

Database

Files

Command

Download

Customize

Other

Related Links

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

Sign On

System . . . . : LP016AB  
Subsystem . . . . : QINTER  
Display . . . . : QPADEV000G

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

RELEASE: V05R04M00  
DRIVER: 4501130

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37 R 6,53

Attention Refresh Screen Field Exit Page Up Enter

System Request Stop Session Reset Page Down

Macros

Macro: Stop Recording  Pause Recording Play Macro

Stop Recording

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# Naming the Macro

My Home Page

My Folder

Print

Messages

Jobs

5250

- Active sessions
- Configured sessions
- Start session

Database

Files

Command

Download

Customize

Other

## Save Macro

Macro:

Replace if already exists

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# Playing Macro

My Home Page

My Folder

Print

Messages

Jobs

5250

- Active sessions
- Configured sessions
- Start session

Database

Files

Command

Download

Customize

Other

Sign On

System . . . . . : LP016AB

Subsystem . . . . : QINTER

Display . . . . . : QPADEV000G

User . . . . . :

Password . . . . . :

Program/procedure . . . . . :

Menu . . . . . :

Current library . . . . . :

RELEASE: V05R04M00  
DRIVER: 4501130

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USE IS SUBJECT TO AUDIT AT ANY TIME BY IBM MANAGEMENT.

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37 6,53

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

**Macros**

Macro:   ←

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# Managing Macros

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37

Related Links:

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

Attention	Refresh Screen	Field Exit	Page Up	Enter
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 sessions](#)  
Work with your active sessions.

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

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

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

[5250 user interface help](#)  
View help for using the 5250 user interface.

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# Macro List

**My Home Page**

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

**My Macros**

« « « [1] » » » ?

Macro	Action ?	Shortcut	Created By	Access
my login macro		No	smshao	smshao
Shortcut to My macro		Yes	aliciam	*PUBLIC

« « « [1] » » » ?

---

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

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

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

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

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# Editing a Macro

**My Home Page**

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

## Edit Macro

Macro: **my login macro**

```
[cursor 6,53][erasefld]myid[cursor 7,53][erasefld]mypassword[enter][wait][enter][wait]
```

Related Links:  
iSeries Access for Web

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# Notes: supported commands for macros

<p>The supported cursor positioning commands are:</p> <p>General macro commands</p> <p>[attn] - Attention</p> <p>[altview] - Alternate View</p> <p>[backspace] - Backspace</p> <p>[backtab] - Backtab</p> <p>[bof] - Beginning of field</p> <p>[clear] - Clear</p> <p>[down] - Cursor down</p> <p>[left] - Cursor left</p> <p>[right] - Cursor right</p> <p>[curse] - Cursor select</p> <p>[up] - Cursor up</p> <p>[delete] - Delete character</p> <p>[dsposi] - Display SO/SI</p> <p>[dup] - DUP field</p> <p>[enter] - Enter</p> <p>[eof] - End of field</p> <p>[eraseeof] - Erase EOF</p> <p>[erasefld] - Erase field</p> <p>[erinp] - Erase input</p> <p>[fldext] - Field exit</p> <p>[fieldmark] - Field mark</p> <p>[field-] - Field minus</p> <p>[field+] - Field plus</p>	<p>General macro commands...</p> <p>[pf1] - F1</p> <p>[pf2] - F2</p> <p>[pf3] - F3</p> <p>[pf4] - F4</p> <p>[pf5] - F5</p> <p>[pf6] - F6</p> <p>[pf7] - F7</p> <p>[pf8] - F8</p> <p>[pf9] - F9</p> <p>[pf10] - F10</p> <p>[pf11] - F11</p> <p>[pf12] - F12</p> <p>[pf13] - F13</p> <p>[pf14] - F14</p> <p>[pf15] - F15</p> <p>[pf16] - F16</p> <p>[pf17] - F17</p> <p>[pf18] - F18</p> <p>[pf19] - F19</p> <p>[pf20] - F20</p> <p>[pf21] - F21</p> <p>[pf22] - F22</p> <p>[pf23] - F23</p> <p>[pf24] - F24</p> <p>[help] - Help</p> <p>[home] - Home</p>	<p>General macro commands...</p> <p>[insert] - Insert</p> <p>[newline] - New line</p> <p>[pa1] - PA1</p> <p>[pa2] - PA2</p> <p>[pa3] - PA3</p> <p>[pageup] - Page up</p> <p>[pagedn] - Page down</p> <p>[reset] - Reset</p> <p>[sysreq] - System request</p> <p>[tab] - Tab field</p> <p>[test] - Test request</p> <p>Bi-directional text support commands</p> <p>[base] - Base</p> <p>[close] - Close</p> <p>[fldrev] - Field reverse</p> <p>[latinlayer] - Latin layer</p> <p>[screenrev] - Screen reverse</p> <p>Other macro commands</p> <p>[cursor row,column] - Locate cursor at specified row and column. Row and column must be numbers.</p> <p>[pause] - Pause 1 second</p> <p>[pause n] - Pause n seconds</p> <p>[wait] - Wait for input</p>
---	--	--

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# Sharing a Macro

My Home Page

My Folder

Print

Messages

Jobs

5250

- Active sessions
- Configured sessions
- Start session

Database

Files

Command

Download

Customize

Other

## My Macros

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍

Macro	Action ?	Shortcut	Created By	Access
my login macro		No	smshao	smshao
Shortcut to My macro		Yes	aliciam	*PUBLIC

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍 Create shortcut

---

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

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

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

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

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# Managing Macro Shortcuts

My Home Page

My Folder

Print

Messages

Jobs

5250

- Active sessions
- Configured sessions
- Start session

Database

Files

Command

Download

Customize

Other

## My Macros

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍

Macro	Action ?	Shortcut	Created By	Access
my login macro		No	smshao	smshao
Shortcut to My macro		Yes	aliciam	*PUBLIC

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍

---

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

[Shortcuts to macros you recorded](#) ←

Display a list of shortcuts to macros you recorded. Shortcuts can be deleted from this list.

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

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

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## Macro Shortcut List

**My Home Page**

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

### Shortcuts to Macros You Recorded

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍

Macro	Shortcut	Access	Action
my login macro	Shortcut to my login macro	smshao	

◀ ◀ ◀ [1] ▶ ▶ ▶ 🔍

---

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

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

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

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

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

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## 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**

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# Edit Macro

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

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

Macro: macro example  
[cursor 6,53][eraseid]myid[cursor 7,53][eraseid]mypassword[enter][wait][enter][wait][cursor 20,7][eraseid]wrkactjob[enter][wait]

Save Cancel

Related Links:  
iSeries Access for Web

IBM

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# Add a macro to a New Session

iSeries Access for Web

Configure New Session

General  
Session: Sales Info \* required  
Default view: Web  
Initial macro: Series Access Tasks  
Bypass signon  
Display HTML data in fields  
Enable advanced JavaScript functions

Server: x15.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

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

Configure New Session

General  
Session: single signon example \* required  
Default view: Web  
Initial macro: Shortcut to macro example for smshao  
Bypass signon  
Display HTML data in fields  
Enable advanced JavaScript functions

Server: mysystem  
Port: 23  
Code page: 37

All macros you have created will appear in pulldown

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# Share the Session / Share the Macro

**My Home Page**

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

**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.
- To specify multiple profiles, separate entries with commas.

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

By giving a user or group profile access via 'Create Shortcut'

**My Home Page**

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

**Create Shortcut**

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.

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

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# Starting the Session

**My Home Page**

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

**Configured Sessions**

Session	Server	Action	Shortcut	Created By	Access
Shortcut to single signon example	lp015ab.rchland.ibm.com		<input checked="" type="checkbox"/>	smshao	smshao
Shortcut to system A	LP016AB.RCHLAND.IBM.COM		<input checked="" type="checkbox"/>	smshao	smshao
Shortcut to system B	LP016AB.RCHLAND.IBM.COM		<input checked="" type="checkbox"/>	smshao	*PUBLIC
single signon example	lp015ab.rchland.ibm.com		<input type="checkbox"/>	smshao	smshao
system A	LP016AB.RCHLAND.IBM.COM		<input type="checkbox"/>	smshao	smshao
system B	LP016AB.RCHLAND.IBM.COM		<input type="checkbox"/>	smshao	smshao

[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.

Related Links:

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# Start Session Result

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

My Home Page

Work with Active Jobs

CPU %: .0 Elapsed time: 00:00:00 Active jobs: 384 03/09/06 LP016AB 15:54:26

Print

Messages

Jobs

5250

Active sessions

Configured sessions

Start session

Database

Files

Command

Download

Customize

Other

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"/>	QBATCH	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	QCMN	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	QCTL	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	QSYSSCD	QPGMR	BCH	.0	PGM-QEZSCNEP	EVTW
<input type="checkbox"/>	QHTTSPVR	QSYS	SBS	.0		DEQW
<input type="checkbox"/>	ADMIN	QTMHHTTP	BCH	.0	PGM-QZHBMAIN	SIGW
<input type="checkbox"/>	ADMIN	QTMHHTTP	BCI	.0	PGM-QZSRLOG	SIGW
<input type="checkbox"/>	ADMIN	QTMHHTTP	BCI	.0	PGM-QZSRHTTP	SIGW
<input type="checkbox"/>	ADMIN	MMEINERS	BCI	.0	PGM-QYUNLANG	TIMW

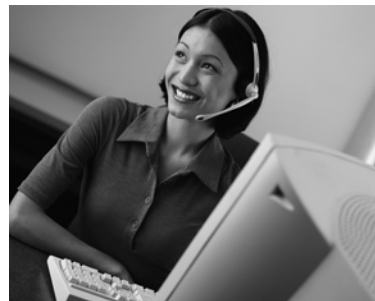
Parameters or command

====>

Exit Refresh Find Restart statistics

Display elapsed data Cancel More options More keys

37 10,2



# Active Sessions

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## Active Session

- An active session is a session that has been started
  - Dynamically or configured session
- A user may have more than one active sessions

Reconnect

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## 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

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# 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

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# Ending a Session from Active Session

The screenshot shows the 'Sign On' screen in the IBM System i environment. On the left is a navigation menu with options like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Active sessions', 'Configured sessions', 'Start session', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. The main area contains a 'Sign On' form with fields for 'User', 'Password', 'Program/procedure', 'Menu', and 'Current library'. To the right of these fields are system information fields: 'System . . . . . : LP016AB', 'Subsystem . . . . . : QINTER', and 'Display . . . . . : QPADEV000G'. Below the form, there is a release and driver information section: 'RELEASE: V05R04M00' and 'DRIVER: 4501130'. A warning message states: 'USE OF THIS SYSTEM IS FOR IBM MANAGEMENT APPROVED PURPOSES ONLY. USE IS SUBJECT TO AUDIT AT ANY TIME BY IBM MANAGEMENT.' At the bottom, there is a copyright notice '(C) COPYRIGHT IBM CORP. 1980, 2005.' and a control panel with buttons: 'Attention', 'Refresh Screen', 'Field Exit', 'Page Up', 'Enter', 'System Request', 'Stop Session', 'Reset', and 'Page Down'. An arrow points to the 'Stop Session' button.

**End this active session**

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## Ending a Session from Active Session List

**Active Sessions**

Server	Session	Started	Last Accessed	View	Action
LP016AB.RCHLAND.IBM.COM	A	3/7/06 3:55:13 PM CST	3/8/06 12:58:01 PM CST	Web	

**End session**

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## 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

**Command** RELEASE: V05R04M00  
DATEVER: 4501130

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

**Customize**

**Other**

Related Links:  
 - Series Access for Web  
 - Series Access  
 - Series Navigator  
 - Series Information Center  
 - Series Resource Library

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37	6.53			
Attention	Refresh Screen	Field Exit	Page Up	Enter
System Request	Stop Session	Reset	Page Down	

**Macros**  
 Macro: [Shortcut to My macro for \*PUBLIC] [M] [Play Macro]  
 [Start Recording]

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

**Active session settings**  
 Change the settings for this session.

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## Active Session - Web View

Switch to traditional view by selecting the “Traditional view” link

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## Active Session - Traditional View

Switch to web view by selecting the “Web view” link

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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.

## Example: 5250 - Proportional Width Vs Fixed Width

Default for Web setting is to display output using Proportional width fonts

- To change to Fixed width fonts, check the box that says:
- Display text using fixed width fonts

Switching to Traditional View will display Fixed width fonts



## Cursor Positioning

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 type="checkbox"/> Show hotspot links	<input type="checkbox"/> Show hotspot 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	

## Cursor Positioning


### Problem

- Many 5250 applications rely on cursor location for context sensitive help and prompting
- Web pages does not have a “text cursor” except in input fields

### Solution

- All non input fields are turned into links
- Clicking on the link places the cursor at that location
- Two settings for cursor positioning
  - Place cursor at the beginning of the field
    - Smaller HTML content
    - May not work for applications that require exact cursor location
  - Place cursor at the exact location
    - Larger HTML content

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# Keypads

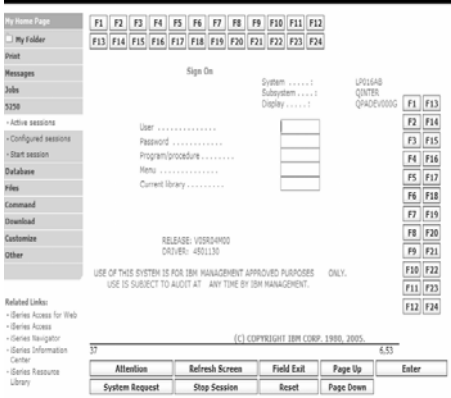
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# Keypads

- 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



*Keypads cannot be set by administrator for users*

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# Configuring Keypad

Download  
Customize  
Other

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

**Macros**  
Macro:

**Related Links:**

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

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

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

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

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

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

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

[5250 user interface help](#)  
View help for using the 5250 user interface.

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# Configuring Keypad

**My Home Page**

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

**My Keypads**

**Top Keypad**

Rows   
Columns   
 Show keypad

**Side Keypad**

Rows   
Columns   
 Show keypad

**Bottom Keypad**

Rows   
Columns   
 Show keypad

**Turn keypad on and off**

**Configure keypad layout**

**Configure number of keys on the keypad**

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# Configuring Keypad

**Configure Bottom Keypad**

Attention: System Request    Refresh Screen: Stop Session    Field Exit: Reset

OK    Cancel

5250 user interface help  
View help for working with your keypads.

- Field Exit
- Field Mark
- Field Minus
- Field Plus
- Field Reverse
- Help
- Home
- Host Print
- Insert
- Latin Layer
- New Line
- PA1
- PA2
- PA3
- Page Down
- Page Up
- Refresh Screen
- Reset
- Screen Reverse
- Stop Session

Related Links:

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# Shared Sessions

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# Sharing an Active Session

Give another user or group a read only view into an active session.

Server	Session	Started	Last Accessed	View	Action
LP016AB.RCHLAND.IBM.COM	A	3/11/06 6:19:29 PM CST	3/11/06 6:19:59 PM CST	Web	

[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 keypads](#)  
 Work with your keypads.


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# 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.

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## Sharing an Active Session

Enter the user or group profile to share the session with.


<b>My Home Page</b>	<b>Share 5250 Session</b>
<input type="checkbox"/> My Folder	Users: <input type="text" value="joe"/> <input type="button" value="Browse..."/>
Print	<input type="button" value="Share Session"/>
Messages	
Jobs	
5250	

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## View-only Sessions

Select "View-only sessions" link to display the list of view-only sessions

<b>My Home Page</b>	<b>Active Sessions</b>												
<input type="checkbox"/> My Folder	<table border="1"> <thead> <tr> <th>Server</th> <th>Session</th> <th>Started</th> <th>Last Accessed</th> <th>View</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>LP016AB.RCHLAND.IBM.COM</td> <td>A</td> <td>3/11/06 6:19:29 PM CST</td> <td>3/11/06 6:19:59 PM CST</td> <td>Web</td> <td> </td> </tr> </tbody> </table>	Server	Session	Started	Last Accessed	View	Action	LP016AB.RCHLAND.IBM.COM	A	3/11/06 6:19:29 PM CST	3/11/06 6:19:59 PM CST	Web	
Server	Session	Started	Last Accessed	View	Action								
LP016AB.RCHLAND.IBM.COM	A	3/11/06 6:19:29 PM CST	3/11/06 6:19:59 PM CST	Web									
Print	<p><a href="#">View-only sessions</a> Display a list of active sessions others are sharing with me. </p> <p><a href="#">Shared sessions</a> Display a list of active sessions I am sharing with others.</p> <p><a href="#">Configured sessions</a> Work with your configured sessions.</p> <p><a href="#">Start session</a> Start a new session.</p> <p><a href="#">My macros</a> Work with your macros.</p> <p><a href="#">My keypads</a> Work with your keypads.</p> <p><a href="#">5250 user interface help</a> View help for working with active sessions.</p>												
Messages													
Jobs													
5250													
Active sessions													
Configured sessions													
Start session													
Database													
Files													
Command													
Download													
Customize													
Other													
Related Links:													

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# View-only Session List

Click the "View" button to view the session.

**My Home Page**

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

## View-only Sessions

Server	Session	Owner	Access	Action
LP016AB.RCHLAND.IBM.COM	A	smshao	SMSHAO	

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

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

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# View-only Session

View-only session - input fields are disabled.

Use the browser "Refresh" button to display updated screens.

**My Home Page**

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

Work with Active Jobs

CPU %: .0    Elapsed time: 00:00:00    Active jobs: 341    LP016AB 03/11/06 18:19:58

**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
—	QBATCH	QSYS	SBS	.0		DEQW
—	QCMN	QSYS	SBS	.0		DEQW
—	QCTL	QSYS	SBS	.0		DEQW
—	QSYSSCD	QPGMR	BCH	.0	PGM-QEZSCNEP	EVTW
—	QHTTSPVR	QSYS	SBS	.0		DEQW
—	ADMIN	QTMHHTTP	BCH	.0	PGM-QZHBMAIN	SIGW
—	ADMIN	QTMHHTTP	BCI	.0	PGM-QZSRLOG	SIGW
—	ADMIN	QTMHHTTP	BCI	.0	PGM-QZSRHTTP	SIGW
—	IWATOMCAT	QTMHHTTP	BCH	.0	PGM-QZHBMAIN	SIGW

Parameters or command  
====>

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

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## Managing Shared Sessions

Select “Shared sessions” from the “Active Sessions” list to display the list of active sessions that are being shared.


**My Home Page**

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

**Active Sessions**

Server	Session	Started	Last Accessed	View	Action ?
LP016AB.RCHLAND.IBM.COM	A	3/11/06 6:19:29 PM CST	3/11/06 6:19:59 PM CST	Web	  

[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 keypads](#)  
Work with your keypads.

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

## Shared Session List

Use the “Stop sharing” button to stop sharing this session.

**My Home Page**

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

**Shared Sessions**

Server	Session	Access	Action ?
LP016AB.RCHLAND.IBM.COM	A	SMSHAO	

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


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

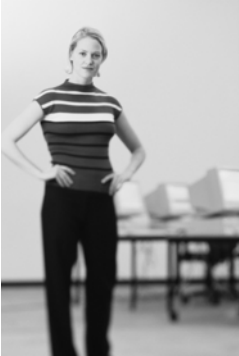
[Start session](#)  
Start a new session.

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

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


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

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**Other**

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## DDS HTML Support (new in V5R4)

HTML contained within 5250 screen

**My Home Page**

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

F  
**Test Header** ←  
 first output field

**Related Links:**

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

PRESS ENTER TO CONTINUE

37		1,1		
Attention	Refresh Screen	Field Exit	Page Up	Enter
System Request	Stop Session	Reset	Page Down	

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## Things to know

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

- **Not intended to replace full function emulators like PC5250, Host On Demand, etc. for purposes of "heads-down" data entry type of operations**
  - Does not include graphics, EHLAPPI, DDE functionality
  - Does not provide keyboard mapping
  - Does not support certain keys the way PC5250 does (ie, Field Exit)
- **Does not include Printer Emulation (push to printer)**
- **No direction interaction with server, so unsolicited server messages can't be received. (need to request refresh to see break messages)**
- **Does not include file transfer from session**

## Try out Access for Web for yourself!

Start your browser and connect to the following web site:

<http://iseriesd.dfw.ibm.com/webaccess/iWAHome> (case sensitive)

<p><b>User ID = WUSER</b></p> <p><b>Password = DEMO2PWD</b></p>	<p>This shows the basic look of Access for Web as we ship it. You can try various functions -- including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto System i, then start an RPG application called BOATS and run it.</p>
<p><b>User ID = BOATADMIN</b></p> <p><b>Password = DEMO2PWD</b></p>	<p>This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session -- or they could have used HATS to run the application. You will also see other links that would let a user work with spoolfile information, work with IFS, run database requests, etc..</p>

## Questions?

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