

# THE NEW POWER EQUATION

## IBM Systems Director Navigator for IBM i



*New Web console for i, Fast, Easy, Ready*

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# Agenda

- **IBM Systems Director Navigator for i (i5/OS 6.1)**
  - What is it ?
  - How do you get it ?
  - What is/isn't included ?
  - How does it work ?
  - What is ISC ?
  - How does it compare to System i Navigator ?

# What is it?

- IBM Systems Director Navigator is the strategic management console for IBM i
- New Web based console is included with IBM i beginning in 6.1
- It uses the same Integrated Solutions Console (ISC) framework that the Web based IBM Systems Director uses
- It is considered a “Single System” console, that is, it is used to manage just *'this'* server
- It contains all the currently Web-enabled functions of System i Navigator (over 300 tasks)
  - All Web enabled tasks are still URL addressable and can be accessed individually as servlets, or as portlets within the new Web console

# IBM Systems Director Navigator

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tlk** Help | Logout --- Select Action ---

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

Welcome - Rchaswg5

## Welcome to the IBM Systems Director Navigator for i5/OS

[About Console](#)

The IBM Systems Director Navigator for i5/OS provides an easy to use interface for the web-enabled System i management tasks, including all previous System i Navigator tasks on the web and 2001 port i5/OS tasks.

Expand i5/OS Management in the left-hand navigation area to get started.

To see the previous version of the 2001 port i5/OS tasks and where they are located now, click below.

[i5/OS Tasks Page](#)

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# How do you get it ?

- IBM Systems Director Navigator for i is included as part of the base operating system option 3 (5761SS1 0003). There is no extra charge required to get it.
- The following products must also be installed (these should already be on your system)
  - IBM HTTP Server for i5/OS 5761DG1
    - Group PTF SF9915 Level 4
  - Qshell 5761SS1 option 30
  - Portable App Solutions Environment (PASE) 5761SS1 option 33
  - IBM Developer Kit for Java 5761JV1
    - Group PTF SF99562 Level 5
  - J2SE 5.0 32 bit 5761JV1 option 8
  - IBM Toolbox for Java 5761JC1
  - Host Servers 5761SS1 option 12

# What is included ?

- All web-enabled functions of System i Navigator, organized into 13 different task categories (over 300 tasks total)
  - Jobs, messages, system values, database, users, file systems, security, performance ...
- In addition, functions from the following for-purchase LPPs will be available in the console when the LPPs are installed:
  - iHASM (System i High Availability Solutions Manager) 5761HAS
  - BRMS (Backup, Recovery, & Media Services) 5761BR1
  - IBM Performance Tools for i5/OS (DiskWatcher) 5761PT1
  - IBM Performance Tools for i5/OS (JobWatcher) 5761PT1 option 3

# What isn't included ?

- **Management Central functions**

- Strategy is to use IBM Systems Director products for multi system tasks on the Web

- **Database functions that involve graphics and charts**

- SQL Scripts
- Visual Explain
- Database Navigator
- SQL Assist

- **Disk Management**

- Graphical View
- Disk Unit Physical Location
- Disk Unit/ASP Capacity chart

# How does it work ?

- **Ensure the HTTP Administration servers are running**
  - These servers will be an auto start server beginning in 6.1 – starts with the TCP/IP servers

The screenshot shows the System i Navigator interface. The left pane displays a tree view of system components, with 'TCP/IP' selected under 'Network'. The right pane shows a table of services for 'Lp13ut9: TCP/IP'.

Name	Status	Description
ASFTomcat	Started	ASFTomcat Basic Servlet and JSP Engi
BootP	Stopped	BootP Server
BootP DHCP Relay Agent	Stopped	BootP DHCP Relay Agent
DDM	Started	DRDA DDM Server TCP/IP
DHCP	Stopped	Dynamic Host Configuration Protocol
DLFM	Stopped	Datalink File Manager
EDRSQL	Stopped	Extended Dynamic Remote SQL
FTP	Started	File Transfer Protocol
<b>HTTP Administration</b>	<b>Started</b>	<b>HTTP Server</b>
i5/OS NetServer	Started	i5/OS Support for Windows Network N
IBM Tivoli Directory Server for i5/OS	Started	IBM Tivoli Directory Server for i5/OS (I
INETD	Stopped	Internet Daemon (INETD) Super Serve
LPD	Started	Line Printer Daemon
Management central	Stopped	Management central
NFS	Stopped	NFS Server
OMPROUTED	Started	OMPROUTED
POP	Stopped	Post Office Protocol
QoS	Stopped	QoS Server
RADIUS NAS	Stopped	RADIUS Network Access Server
Remote Execution	Stopped	RExec
RouteD	Stopped	Route Daemon
RPC	Stopped	Remote procedure call
Service and Support Proxy	Stopped	Service and Support Proxy
SMTP	Started	Simple Mail Transfer Protocol
SNTP	Stopped	Simple Network Time Protocol Service
System debug	Stopped	Graphical Debug Server
TELNET	Started	TELNET Server
TFTP	Stopped	Trivial FTP
Triggered Cache Manager	Started	Triggered Cache Manager
Virtual Private Networking	Stopped	VPN Connection Manager
WebFacing	Stopped	WebFacing Server

1 - 31 of 31 objects



# How does it work ?

In 6.1 all Web based consoles run on the Integrated Web Application Admin servers.

HTTP Web Admin GUI, LDAP, Web Navigator, IPP

The screenshot shows the iSeries Navigator interface. On the left is a tree view of the system hierarchy. On the right is a table titled 'Lp03ut18: Active Jobs' showing the status of various jobs. Red circles highlight the 'Admin', 'Admin2', and 'Admin3' jobs. Red arrows point from external text labels to these jobs and the 'Qhttpsvr' job.

Job Name	Detailed Status	Current User	Function	CPU %
Qhttpsvr	Waiting for dequeue	Qsys	Subsystem	
Admin	Waiting for thread	Qlwisvr	Com.ibm.lw java...	0.0
Admin	Waiting for signal	Qtmhhttp	Qzhbmain program	0.0
Admin	Waiting for signal	Qtmhhttp	Qzsrllog program	0.0
Admin	Waiting for signal	Qtmhhttp	Qzsrlhttp program	0.0
Admin2	Waiting for thread	Qlwisvr	Com.ibm.lw java...	0.0
Admin3	Waiting for thread	Qlwisvr	Com.ibm.lw java...	0.0

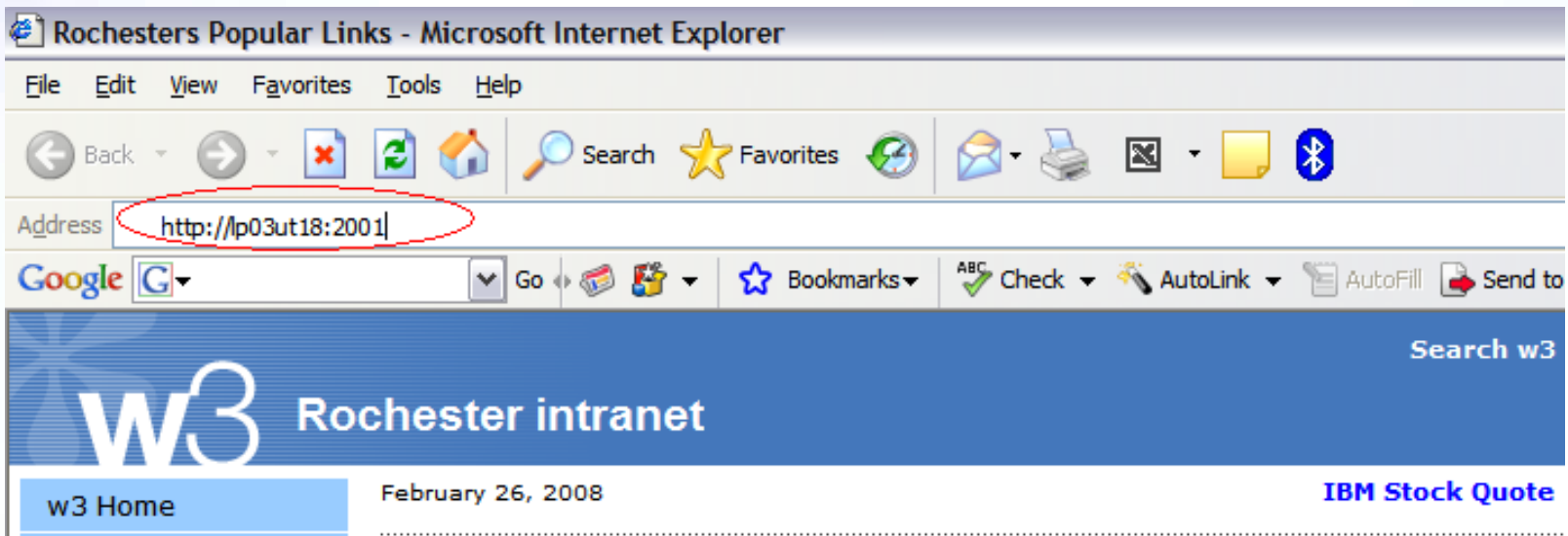
Annotations in the image:

- Red arrow from 'HTTP Web Admin GUI, LDAP, Web Navigator, IPP' points to the 'Qhttpsvr' job.
- Red arrow from 'IBM Systems Director Navigator, Secure Perspective, Cluster Services, HASM' points to the 'Admin' job.
- Red arrow from 'IBM Access for Web' points to the 'Admin2' job.

Handwritten text at the bottom left: *THE NEW POWER EVOLUTION*

# How does it work ?

- Enter the following URL into a browser
  - `http://system:2001`



Supports the following browsers:

- Microsoft® Internet Explorer, 6.0 or later
- Mozilla Firefox, 1.0 or later

# How does it work ?

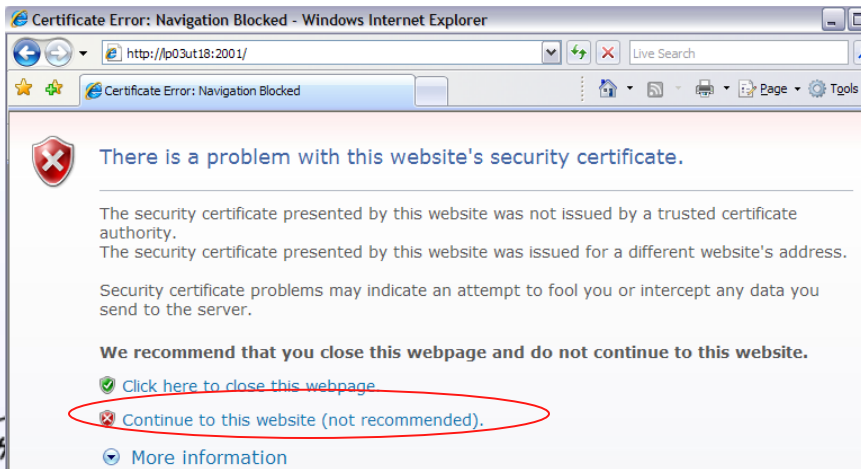
- **Accept the certificate warnings**
  - Consoles runs on SSL



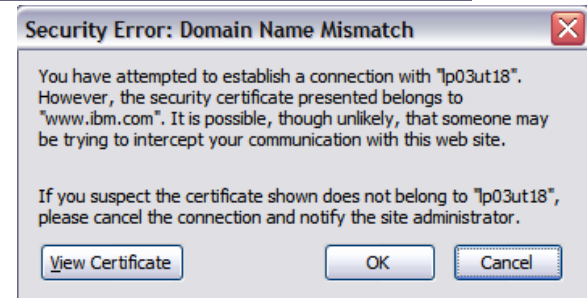
Internet Explorer 6



Internet Explorer 7

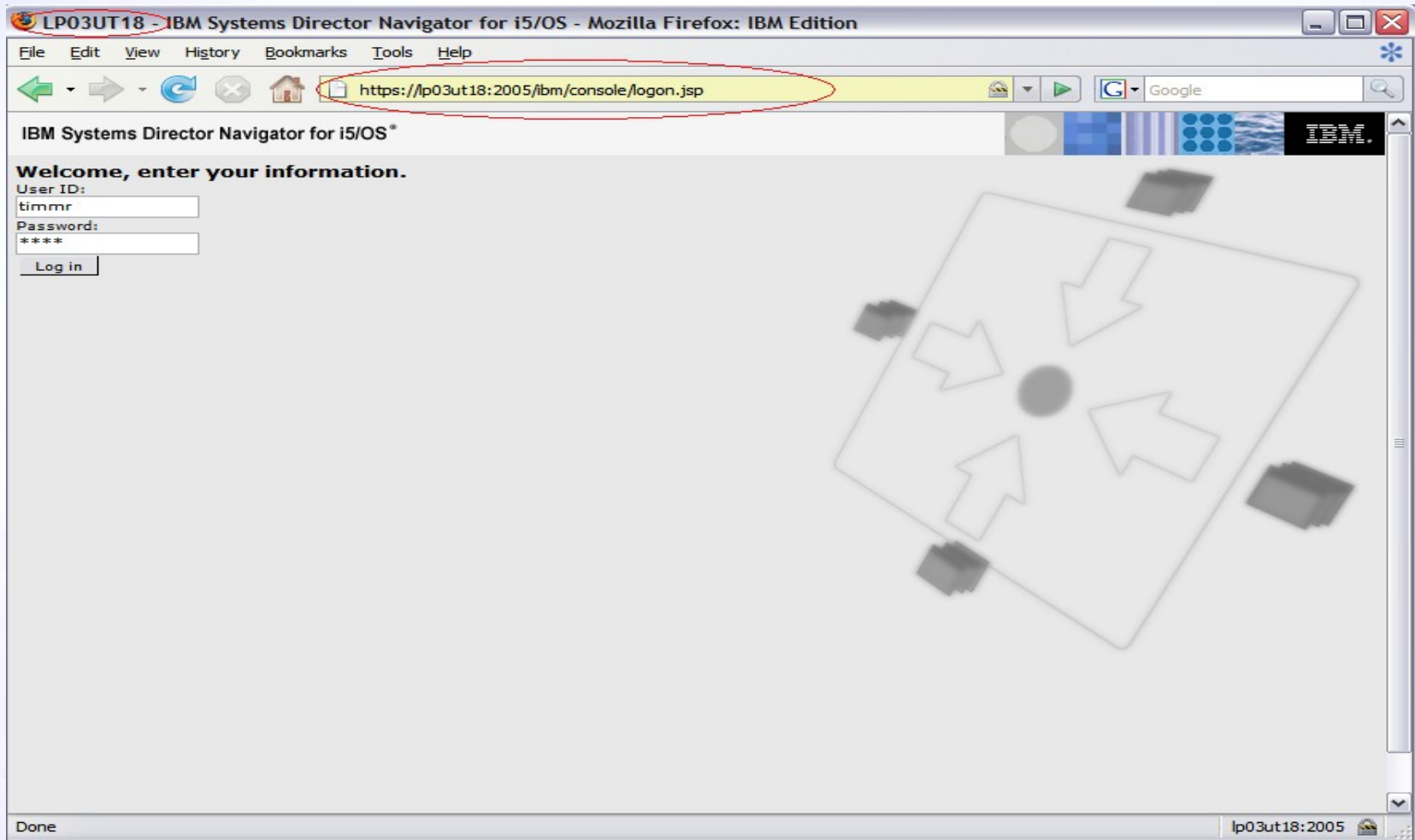


Firefox 2



# How does it work ?

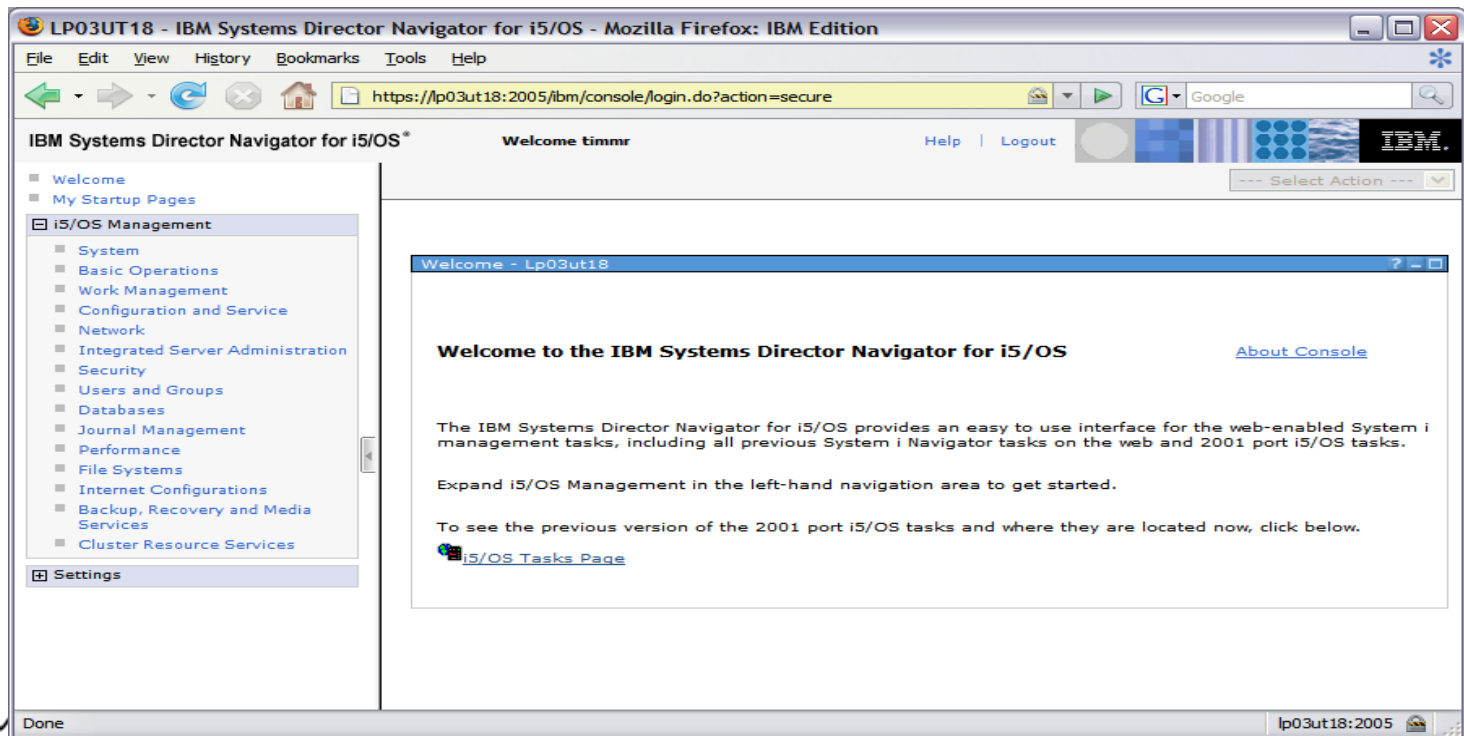
- URL will be re-routed to secure path
- Enter your IBM i user ID and password for this system



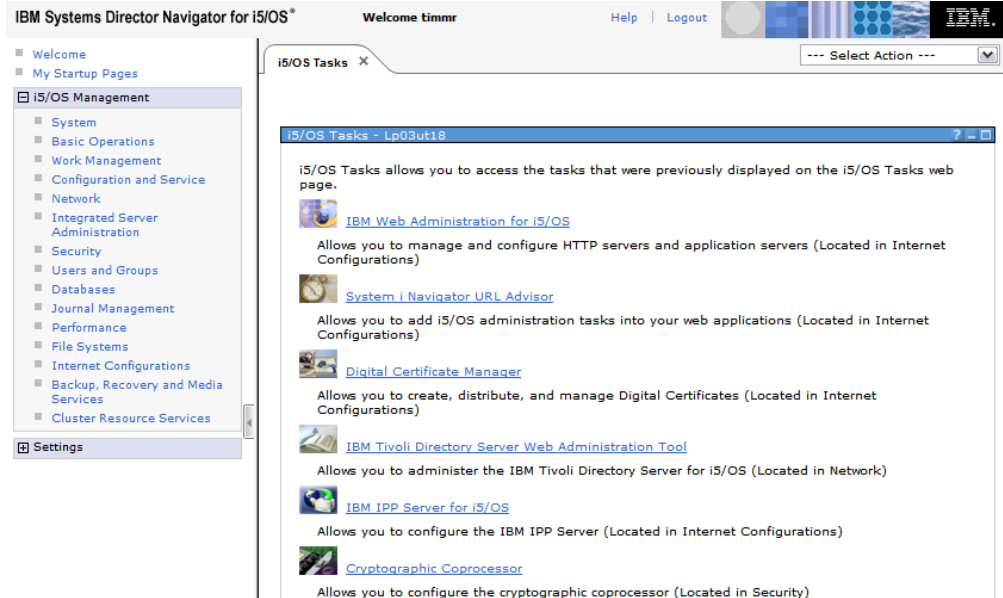
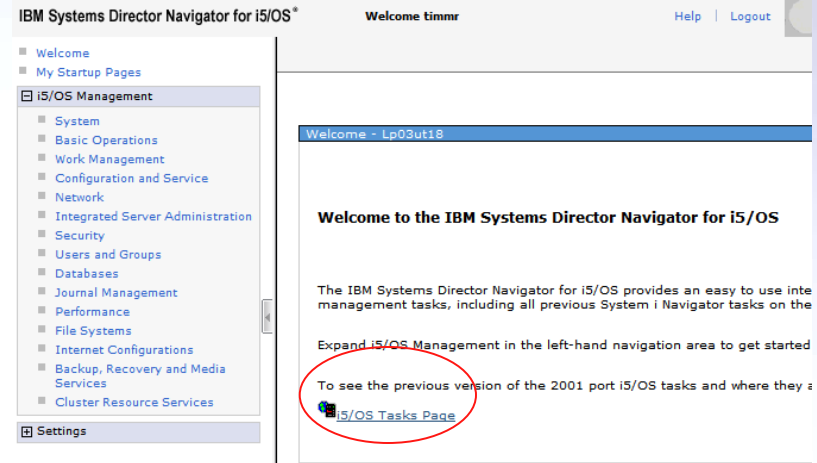
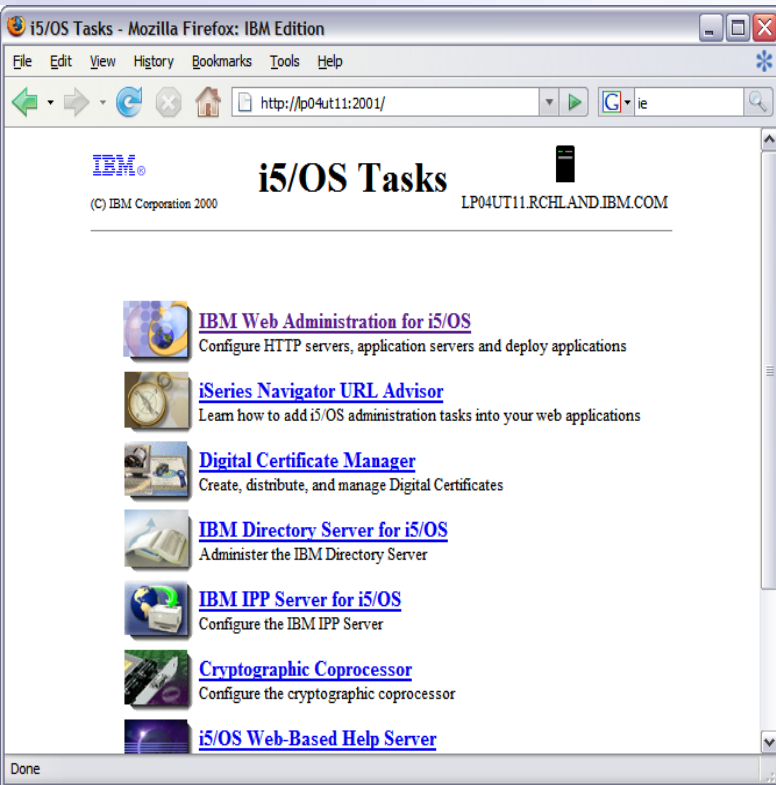
# How does it work ?

## Web Console interface displays

- Expand i5/OS Management to view the task categories
- Click on the desired task category to view the Welcome Page for that task
- Click on a task on the Welcome Page, or, click on the Show All Tasks button to view all web enabled tasks for that category
- Each selected task appears in a separate portlet, and a tab appears at the top of the work space



# Where did the Task page go?



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# New controls overview

Left Navigation groups all the tasks in logical compartments

New Tab for each view!

IBM Systems Director Navigator for i5/OS\*    Welcome timmr    Help | Logout    --- Select Action ---

- Welcome
- My Startup Pages
- i5/OS Management
  - System
  - Basic Operations
  - Work Management**
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
  - Backup, Recovery and Media Services
  - Cluster Resource Services
- Settings

Work Management - Lp03ut18

i5/OS Work Management allows you to manage your i5/OS jobs, job queues, output queues, subsystems, and memory pools.

- [Active Jobs](#)  
Allows you to work with all jobs that are currently active.
- [Server Jobs](#)  
Allows you to manage server jobs that are currently active.
- [Active Job Queues](#)  
Allows you to manage the job queues that are currently active, and the jobs that are located on these queues.
- [Output Queues](#)  
Allows you to manage output queues.
- [Active Subsystems](#)  
Allows you to manage the subsystems that are currently active, and the jobs that are running in these subsystems.
- [Active Memory Pools](#)  
Allows you to manage the memory pools that are currently active, and the jobs that are located in these pools.

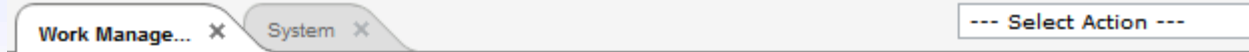
Show All Work Management Tasks

Help link!

Most common functions included on each *Welcome* menu

All functions

# New controls overview



The 'All Tasks' view shows every task that is supported for this category in a tree view

- open / close tree nodes
- select the task, click OK at bottom of table

Work Management - Lp03ut18

Task: i5/OS Navigator Tasks [Go]

List Tasks

Select	List Tasks	Action Tasks
<input type="radio"/>	▼ Work Management	
<input type="radio"/>	▼ Jobs	
<input checked="" type="radio"/>	Active Jobs	
<input type="radio"/>	Server Jobs	
<input type="radio"/>		Delete Job
<input type="radio"/>		Display Call Stack for Job
<input type="radio"/>		Display Job Log for Job
<input type="radio"/>		Display Job Properties
<input type="radio"/>		Display Library List for Job
<input type="radio"/>	▼ Subsystems	
<input type="radio"/>	Active Subsystems	
<input type="radio"/>	▼ Job Queues	
<input type="radio"/>	Active Job Queues	
<input type="radio"/>	All Job Queues	
<input type="radio"/>		Clear Job Queue
<input type="radio"/>		Hold Job Queue
<input type="radio"/>		Release Job Queue

Page 1 of 1      Total: 42    Displayed: 42    Selected: 0



# New controls overview

Select from the available actions

Fast path icons to Table tasks!

- Filters
- Sorts
- Entry selection

- Object tasks
- Category tasks
- Table tasks
- Columns, Filters, Sorts

The screenshot shows a window titled "Active Subsystems - Lp03ut18". At the top left is a "Refresh" button. Below it is a toolbar with several icons: a checkmark, a folder, a double-headed arrow, a hand, a pencil, a document, and a calculator. A red oval highlights these icons. Below the toolbar is a table with columns "Select", "Subsystem", "Active Jobs", and "Description". The "Qhttpsvr" row is selected. A context menu is open over the "Qhttpsvr" row, showing options like "Jobs", "Job Queues", "Stop...", "Properties", "Start Subsystem...", "Columns...", "Show find toolbar", and "Table Actions". A red arrow points from the text "Select an entry" to the checkmark in the "Select" column of the "Qhttpsvr" row. Another red arrow points from the text "Click on arrow" to the arrow icon in the "Subsystem" column of the "Qhttpsvr" row. A third red arrow points from the text "Tasks for object" to the "Jobs" option in the context menu. The "Table Actions" menu is also open, showing options like "Select All", "Deselect All", "Show Filter Row", "Clear All Filters", "Edit Sort", "Clear All Sorts", and "Collapse Table". At the bottom of the window, there is a "Close" button and a status bar showing "Page 1 of 1", "Total: 11", "Filtered: 11", "Displayed: 11", and "Selected: 1".

Select an entry

- Click on arrow
- Tasks for object

# New controls overview

Operations are broken down to tasks with logical groupings

Wizard like interfaces to organize values

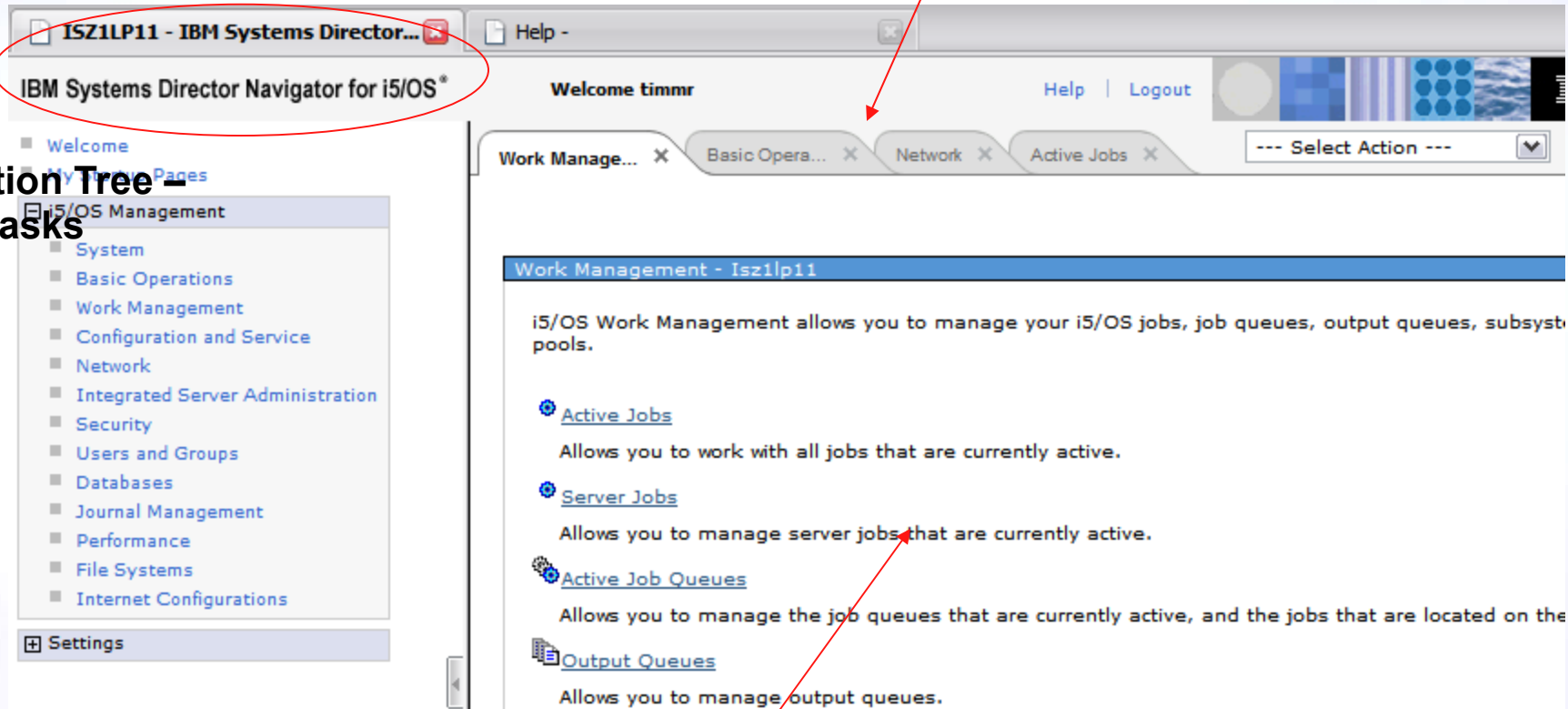
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# New controls overview - Terms

Banner – Common image across all consoles








Page Bar – navigate between pages

Navigation Tree – group tasks



Work area

## New controls overview – Portlet controls

-  - allows you to edit settings for the portlet
-  - return to the previous screen
-  - displayed if help
-  - minimize the module view; only the title bar is visible
-  - maximize view, full portlet view is visible
-  - close a portlet
-  - console module can be refreshed without reloading the console page

# What's included – Base functions

<b>System</b>	Commonly used System tasks include viewing system status, messages, disk status, and passwords
<b>Basic Operations</b>	Basic tasks to easily manage lists of messages, printer output, and printers
<b>Work Management</b>	Control the work performed on the system including support for interactive and batch work. Distribute resources to ensure applications run well.
<b>Configuration and Service</b>	Functions to help you manage both hardware and software on your system, including System values, Time management, and Disk units
<b>Network</b>	Control TCP/IP configuration, Remote access services, networking servers, and IP Policies
<b>Integrated Server Administration</b>	Manage Servers hosted by i5/OS, enroll and manage users and groups
<b>Security</b>	Functions allow you to plan and implement security on your system, Authorization lists, Object permissions, Cryptographic functions

# What's included – Base functions

<b>Users and Groups</b>	Display and a manage a complete list of the users & groups, create, delete, modify
<b>Databases</b>	Graphical interface to perform many common admin database operations, access and modify objects, work with performance monitors, as well as access the Health center
<b>Journal Management</b>	Work with journals and journal receivers
<b>Performance</b>	Collect performance data, view the collection to investigate potential performance issues
<b>File Systems</b>	Links to the most commonly used File Systems tasks, integrated file system, i5/OS NetServer, Network File System
<b>Internet Configurations</b>	i5/OS internet configuration tasks, HTTP Server, Digital Certificates, IBM IPP, Web-based help server, Internet Setup wizard

# What's included – Additional LPPS

<p><b>Backup, Recovery, and Media Services</b></p>	<p>Manage your most critical and complex backups, including online backups of Lotus servers, simply and easily. You can also recover your system fully in the event of a disaster or hardware failure.</p>
<p><b>Cluster Resource Services</b></p>	<p>Task-based approach for setting up and managing your high availability solution. Create a customized high availability solution by separately creating each element of the high availability solution. Create and manage clusters, cluster resource groups, device domains, cluster administrative domains, and perform switchovers.</p>
<p><b>High Availability Solutions Manager</b></p>	<p>Easy-to-use, guided approach to setting up high availability. This interface ensures and validates prerequisites, configures all necessary technologies for the selected solution, and tests the set up. This management solution interface is best for smaller businesses who want simpler solutions that require fewer resources.</p>
<p><b>Performance</b></p>	<p>Browser-based performance tasks, manage performance data collections, graphical user interface for collecting performance data, graphically view and analyze performance data using Collection Services, Job Watcher, Disk Watcher</p>

# Welcome Pages - System

Integrated Solutions Console - Microsoft Internet Explorer

Address: <https://rchaswg5:2005/ibm/console/login.do?action=secure>

Integrated Solutions Console **Welcome tik** Help | Logout

Work Manage... x System x

--- Select Action ---

**System - Rchaswg5**

i5/OS System management allows you to perform general system level tasks.

- System Status**  
Allows you to display the system's current status.
- System Operator Messages**  
Allows you to display messages sent to the system operator.
- History Log**  
Allows you to display the system's current history log.
- Disk Status**  
Allows you to view the system's current disk status.
- Run a Command**  
Allows you to run an i5/OS command.
- Change Password**  
Allows you to change your system password, or, if authorized, another user's password.
- Application Administration**  
Allows you to manage user's authorizations to i5/OS Navigator functions.

Show All System Tasks

Close



# Welcome Pages – Basic Operations

The screenshot shows a Microsoft Internet Explorer browser window displaying the IBM Integrated Solutions Console. The address bar shows the URL: `https://rchaswg5:2005/ibm/console/login.do?action=secure`. The page title is "Integrated Solutions Console Welcome t1k".

The left navigation pane includes the following menu items:

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations**
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

The main content area displays the "Basic Operations" page for user "Rchaswg5". It contains the following information:

**Basic Operations - Rchaswg5**

i5/OS Basic Operations allows you to manage messages, printer output, printers, and your own jobs.

- Send a Message**: Allows you to send a message to other users or message queues.
- Messages**: Allows you to manage your messages.
- Printer Output**: Allows you to manage printer output.
- Add a Printer**: Allows you to add and configure a new printer for i5/OS.
- Printers**: Allows you to manage printers.
- User Jobs**: Allows you to manage your jobs.

Buttons at the bottom of the main content area include "Close" and "Show All Basic Operations Tasks".

The status bar at the bottom of the browser shows the URL: `https://rchaswg5:2005/ibm/console/navigation.do?pageID=com.ibm.i5OS.webnav.navigationElement.UsersGroupsPortlet&moduleRef=co` and the text "Local intranet".

# Welcome Pages – Configuration and Service

The screenshot shows a Microsoft Internet Explorer browser window titled "Integrated Solutions Console - Microsoft Internet Explorer". The address bar shows the URL: `https://rchaswg5:2005/ibm/console/login.do?action=secure`. The page header includes "Integrated Solutions Console" and "Welcome tlk". A navigation menu on the left lists various management categories, with "i5/OS Management" expanded to show sub-items like "System", "Basic Operations", "Work Management", "Configuration and Service", "Network", "Integrated Server Administration", "Security", "Users and Groups", "Databases", "Journal Management", "Performance", "File Systems", and "Internet Configurations". The "Configuration and Service" item is highlighted. The main content area displays a window titled "Configuration and Service - Rchaswg5" with the following text:

i5/OS Configuration and Service allows you to perform system configuration.

- System Values**  
Allows you to change the system values that determine how your system operates.
- Time Management**  
Allows you to manage time on your system.
- Disk Units**  
Allows you to manage disk units on your system.
- Disk Pools**  
Allows you to manage disk pools on your system.
- Add Disk Unit**  
Allows you to add a disk unit to your system.
- New Disk Pool**  
Allows you to create a disk pool on your system.

At the bottom of the window, there are two buttons: "Close" and "Show All Configuration and Service Tasks". The browser's status bar at the bottom indicates "Done" and "Local intranet".

# Welcome Pages - Network

The screenshot shows a Microsoft Internet Explorer browser window titled "Integrated Solutions Console - Microsoft Internet Explorer". The address bar shows the URL: <https://rchaswg5:2005/ibm/console/login.do?action=secure>. The page content includes a navigation menu on the left with categories like "Welcome", "My Startup Pages", "i5/OS Management", and "Settings". The "Network" link under "i5/OS Management" is selected. The main content area displays the "Network - Rchaswg5" welcome page, which provides an overview of i5/OS Network Management and lists several tasks: "Create IPv4 Object", "Create IPv6 Object", "Lines", "TCP/IP Servers", "DNS Servers", and "IBM Tivoli Directory Server Web Administration Tool". A "Show All Network Tasks" button is located at the bottom of the task list.

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# Welcome Pages – Integrated Server Administration

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tkk** Help | Logout

--- Select Action ---

Integrated ... x

**Integrated Server Administration - Rchaswg5**

i5/OS Integrated Server Administration allows you to manage servers that are hosted by i5/OS.

- Servers**  
Allows you to manage integrated and virtual servers.
- All Virtual Disks**  
Allows you to manage virtual storage that i5/OS provides to integrated and virtual servers.
- New Virtual Disk**  
Allows you to create new virtual storage and assign it to a server.
- Network Server Host Adapters**  
Allows you to manage i5/OS network server host adapter (NWSH) configuration objects for i5/OS iSCSI host bus adapters (iSCSI HBAs).
- New Network Server Host Adapter**  
Allows you to create a new network server host adapter (NWSH) configuration.
- Remote Systems**  
Allows you to manage the remote system network server configuration objects for iSCSI-based servers.
- New Remote System Configuration**  
Allows you to create a new remote system configuration for iSCSI attached servers.
- Service Processors**  
Allows you to manage i5/OS service processor configuration objects for iSCSI attached server.

Done Local intranet

# Welcome Pages - Security

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console Welcome tkl Help | Logout

Integrated ... x Security x

--- Select Action ---

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security**
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

**Security - Rchaswg5**

i5/OS Security allows you to configure and manage security settings for your system.

- [Authorization Lists](#)  
Allows you to manage authorization lists.
- [Create an Authorization List](#)  
Allows you to group objects with similar security requirements and associate the group with a of users and user authorities.
- [Change Object Permissions](#)  
Allows you to change permissions for an i5/OS object.
- [Cryptographic Services Key Management](#)  
Allows you to store and manage master keys and keystores.
- [Cryptographic Coprocessor](#)  
Allows you to configure the cryptographic coprocessor.
- [Intrusion Detection](#)  
Allows you to set up and manage policies that notify you of any intrusions detected against your server.

Done Local intranet © 2006 IBM Corporation

# Welcome Pages – Users and Groups

Integrated Solutions Console - Microsoft Internet Explorer

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure>

Integrated Solutions Console **Welcome t1k** Help | Logout

Integrated ... x Security x **Users and G... x** --- Select Action ---

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups**
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

**Users and Groups - Rchaswg5**

i5/OS User Management allows you to manage your i5/OS users and groups.

- [Users](#)  
Allows you to manage the users on your server. You can also view the list of user objects for the user.
- [Users not in a Group](#)  
Allows you to manage any existing users that are not currently in a group.
- [Create User](#)  
Allows you to create a new user.
- [Change User](#)  
Allows you to change the properties of an existing user.
- [Groups](#)  
Allows you to manage any existing groups or create new ones.
- [Create Group](#)  
Allows you to create a new group.

[Show All User Management Tasks](#)

[Close](#)

Done Local intranet © 2006 IBM Corporation

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# Welcome Pages - Databases

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tkk** Help | Logout

Integrated ... x Security x Users and G... x **Databases x** --- Select Action ---

**Databases - Rchaswg5**

i5/OS Databases allows you to manage your databases.

Current database: S10127f0 Current schema: Qmgtc2

- Databases**  
Displays a list of the databases on the system from which you can perform all database tasks.
- All Objects**  
Allows you to work with all database objects for a specific database and schema.
- Tables**  
Allows you to work with the database tables for a specific database and schema.
- Views**  
Allows you to work with database views for a specific database and schema.
- Indexes**  
Allows you to work with database indexes for a specific database and schema.
- Performance Monitors**  
Allows you to monitor the performance of a specific database.
- Health Center**  
Allows you to monitor the current health of a specific database.

Set Database / Schema to Use with Database Tasks

Show All Database Tasks

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# Welcome Pages – Journal Management

Integrated Solutions Console - Microsoft Internet Explorer

Address: <https://rchaswg5:2005/ibm/console/login.do?action=secure>

Integrated Solutions Console **Welcome t1k** Help | Logout

Integrated ... x Security x Users and G... x Databases x **.Journal Man... x** --- Select Action

**Journal Management - Rchaswg5**

i5/OS Journal Management allows you to manage your journals and journal receivers.

Current database: S10127f0      Current library: Qusrsys

- [Journals](#)  
Allows you to manage all journals.
- [Create a journal](#)  
Allows you to create a new journal.

Set Database / Library to Use with Journal Tasks

Show All Journal Tasks

Close



# Welcome Pages - Performance

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tlk** Help | Logout

--- Select Action ---

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance**
  - File Systems
  - Internet Configurations
- Settings

**Performance** ×

Performance - Rchaswg5

i5/OS Performance tools allows you to collect and investigate performance data on your system.

- Investigate Data**  
Allows you to investigate previously collected performance data on your system.
- Collections**  
Allows you to manage the performance data of your system.

Show All Performance Tasks

Close

Done Local intranet

# Welcome Pages – File Systems

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tkk** Help | Logout

Performance x File Systems x

--- Select Action ---

File Systems - Rchaswg5

i5/OS File Systems allows you to manage the file system.

[Integrated File System](#)  
Allows you to manage the file system contents, i5/OS NetServer file shares, and permissions.

[File Shares](#)  
Allows you to manage i5/OS NetServer file shares.

[Create File Share](#)  
Allows you to create an i5/OS NetServer file share.

Close Show All File Systems Tasks

Done Local intranet

# Welcome Pages – Internet Configurations

The screenshot shows a Microsoft Internet Explorer browser window displaying the IBM Integrated Solutions Console. The address bar shows the URL: `https://rchaswg5:2005/ibm/console/login.do?action=secure`. The page title is "Integrated Solutions Console" and the user is logged in as "Welcome tlk".

The left sidebar contains a navigation menu with the following items:

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations**
- Settings

The main content area displays the "Internet Configurations - Rchaswg5" page. It contains the following information:

i5/OS Internet Configurations allows you to perform internet configuration tasks.

- [IBM Web Administration for i5/OS](#)  
Allows you to manage and configure HTTP servers and application servers.
- [System i Navigator URL Advisor](#)  
Allows you to add i5/OS administration tasks into your web applications.
- [Digital Certificate Manager](#)  
Allows you to create, distribute, and manage Digital Certificates.
- [IBM IPP Server for i5/OS](#)  
Allows you to configure the IBM IPP Server.
- [Web-based Help Server](#)  
Allows you to administer the Web-based help server.
- [Internet Setup Wizard](#)  
Allows you to use the internet setup wizard to configure your internet environment.

A "Close" button is located at the bottom left of the main content area.

# Welcome Pages – Backup, Recovery and Media Services

LP03UT18 - IBM Systems Director Navigator for i5/OS - Mozilla Firefox: IBM Edition

File Edit View History Bookmarks Tools Help

https://lp03ut18:2005/ibm/console/login.do?action=secure&okaction=OK

IBM Systems Director Navigator for i5/OS\* Welcome timmr Help | Logout

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
  - Backup, Recovery and Media Services
  - Cluster Resource Services
- Settings

Backup, Rec... x

Backup, Recovery and Media Services

BRMS - Lp03ut18

Welcome to Backup, Recovery, and Media Services for i5/OS.

Backup, Recovery, and Media Services for i5/OS(TM) helps you implement a disciplined approach to managing your back lost or damaged data. Using BRMS, you can manage your most critical and complex backups, including online backups recover your system fully in the event of a disaster or hardware failure.

Do not show welcome

--- Select Action --- Go

List	Description
Backup, Recovery, and Media Services for i5/OS	Select actions such as displaying the global policy properties, re
Archive Control Groups	Create, run, display and maintain archive control groups
Backup Control Groups	Create, run, display and maintain backup control groups
Media Policies	Display media policies information
Move Policies	Display move policy information
Volumes	Display volume information
Media Pools	Display media pool information
Tasks	Tasks which are scheduled, executing, or have been completed

Page 1 of 1 Total: 8 Filtered: 8 Displayed: 8

Done lp03ut18:2005

## Additional Info – Backup, Recovery and Media Services

### LPPS:

- 5761BR1 \*BASE Backup Recovery and Media Services
- 5761BR1 1 BRMS - Network Feature
- 5761BR1 2 BRMS - Advanced Feature

# Welcome Pages – Cluster Resource Services

The screenshot shows a Mozilla Firefox browser window titled "LP03UT18 - IBM Systems Director Navigator for i5/OS - Mozilla Firefox: IBM Edition". The address bar shows the URL: `https://lp03ut18:2005/ibm/console/login.do?action=secure&okaction=OK`. The page content includes a navigation menu on the left with "Cluster Resource Services" selected, a main content area with a message about the system not being part of a cluster, and a "Related Topics" sidebar with links to cluster management guides.

**IBM Systems Director Navigator for i5/OS\*** Welcome timmr Help | Logout

Backup, Rec... x Cluster Res... x

--- Select Action ---

**Cluster Resource Services**

System Lp03ut18 is not part of a cluster.  
 You can start the New Cluster wizard to create a cluster on this system.  
[New Cluster](#)

**Related Topics**

- [Planning for clusters](#)
- [Configuring clusters](#)
- [Change the cluster version](#)
- [Delete a cluster](#)
- [Stop Clustering](#)

Done lp03ut18:2005

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# Welcome Pages – High Availability Solutions Manager

LP12UT15 - IBM Systems Director Navigator for i5/OS - Microsoft Internet Explorer

Address <https://p12ut15.rchland.ibm.com:2005/ibm/console/login.do?action=secure> Go

IBM Systems Director Navigator for i5/OS\* Welcome QSECOFR [Help](#) | [Logout](#)

High Availa... x --- Select Action ---

**High Availability Solutions Manager** 00:00:09

**High Availability Solutions Manager**

The high availability solutions manager helps you select, set up, and manage your high availability solution.

1.  [See how IBM high availability solutions work](#)
2.  [Select your high availability solution](#)
3.  [Verify requirements before setting up your high availability solution](#)
4.  [Set up your high availability solution \(license required\)](#)
5.  Manage your high availability solution (license required)

[Terms and Concepts](#)

**i** Trial period ends in 60 days

Cross-Site Mirroring with Geographic Mirroring

[High Availability Operator's Guide](#)

**i5/OS Management**

- System
- Basic Operations
- Work Management
- Configuration and Service
- Network
- Integrated Server Administration
- Security
- Users and Groups
- Databases
- Journal Management
- Performance
- File Systems
- Internet Configurations
- Cluster Resource Services
- High Availability Solutions Manager

**Settings**

Done Internet

# Additional Info – Cluster Resource Services – High Availability Solutions Manager

## LPPS:

- 5761HAS \*BASE iHASM



# Welcome Pages - Performance

IBM Systems Director Navigator for i5/OS<sup>®</sup>      Welcome timmr      Help | Logout

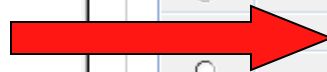
- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

**Performance** ✕

List Tasks

Select	List Tasks	Action Tasks
<input type="radio"/>	▼ Performance	
<input type="radio"/>	Active Jobs	
<input type="radio"/>	Collections	
<input type="radio"/>	Disk Status	
<input type="radio"/>		Investigate Data
<input type="radio"/>		Performance Management for System i5
<input type="radio"/>		System Status
<input type="radio"/>	▶ Collections	
<input type="radio"/>	▼ Collectors	
<input type="radio"/>	▼ Disk Watcher	
<input type="radio"/>	Active Disk Watcher Collections	
<input type="radio"/>	Disk Watcher Collections	
<input type="radio"/>	Disk Watcher Definitions	
<input type="radio"/>		Add Disk Watcher Definition
<input type="radio"/>		Start Disk Watcher
<input type="radio"/>		Stop Disk Watcher
<input type="radio"/>	▼ Job Watcher	
<input type="radio"/>	Active Job Watcher Collections	
<input type="radio"/>	Job Watcher Collections	
<input type="radio"/>	Job Watcher Definitions	
<input type="radio"/>		Add Job Watcher Definition
<input type="radio"/>		Start Job Watcher
<input type="radio"/>		Stop Job Watcher

Disk Watcher



Job Watcher



## Additional Info – Performance

### LPPS:

- 5761SS1 46 Performance Viewer Open Source Components
- 5761PT1 \*BASE IBM Performance Tools for i5/OS
- 5761PT1 1 Performance Tools - Manager Feature
- 5761PT1 2 Performance Tools - Agent Feature
- 5761PT1 3 Performance Tools - Job Watcher

# What is ISC?

ISC – Integrated Solutions Console

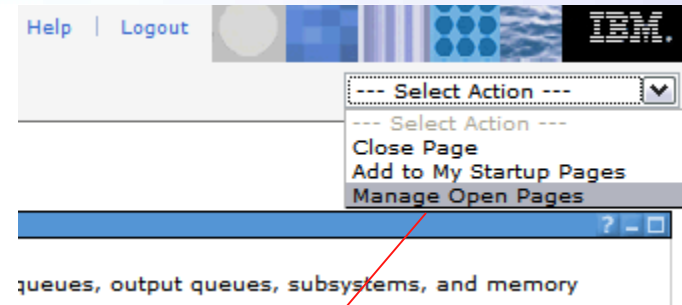
- Provides the strategic ‘single console for administering IBM products and related applications ‘
- Used by
  - IBM Systems Director Web based products
    - Virtualization Manager
    - Active Energy Manager
    - Plus more
  - WebSphere Application Server Administrative GUI
- Limitations
  - 30 min session timeout!

# What is ISC - Features provided

- Portlet based infrastructure
  - Multi tasking; switch between *active* tasks
  - Partial refresh; refresh only the selected portlet
- Manage Open pages
- Startup pages
  - Specify pages to open every time you log in
- Single sign-on
  - Access all functions within the *portlet* view
  - A user can only sign in **once**

# What is ISC - Manage Open Pages

From far right drop down select the **Manage Open Pages** link



Manage Open Pages

Manage Open Pages

**Manage Open Pages**

Manage Open Pages displays all open pages.

To close a page, select the page and click "Close Page". To close all open pages, click "Close All Pages". To go to a page, click the link for the page.

Select	Page Name
<input checked="" type="checkbox"/>	<a href="#">Basic Operations</a>
<input type="checkbox"/>	<a href="#">Work Management</a>
<input checked="" type="checkbox"/>	<a href="#">Active Jobs</a>
<input type="checkbox"/>	<a href="#">Security</a>

Page 1 of 1 Total: 4 Displayed: 4 Selected: 2

Manage large numbers  
of open pages

- View
- Close
- Navigate

# What is ISC - My Startup pages

Sign-in and specified pages are automatically opened

Great for watching important System functions/activities

The screenshot shows the IBM Systems Director Navigator for i5/OS interface. The main window displays the 'Active Jobs' section for system 'Isz1lp11'. The interface includes a navigation pane on the left with options like 'Welcome', 'My Startup Pages', 'i5/OS Management', and 'Settings'. The main content area shows a table of active jobs with columns for 'Select', 'Job Name', 'Detailed Status', 'Current User', 'Type', and 'CPU %'. The table lists four jobs, all with a status of 'Waiting for dequeue' and a CPU usage of 0%.

Select	Job Name	Detailed Status	Current User	Type	CPU %
<input type="checkbox"/>	Araujoss	Waiting for dequeue	Qsys	Subsystem	0
<input type="checkbox"/>	Rcaraujo	Waiting for dequeue	Araujo	Batch	0
<input type="checkbox"/>	Bldtestss	Waiting for dequeue	Qsys	Subsystem	0
<input type="checkbox"/>	Rcbldtest	Waiting for dequeue	Rforman	Batch	0

# What is ISC - My Startup pages

Open desired page; In far right dropdown  
Select **'Add to My Startup Pages'**

Message	Sent	Mes...	..
Job 024246/DHQB/ANZDFTPWD3 completed normally on 08/28/07 at 16:00:00.	8/28/07 4:00:00 PM	CPF1241	0
Job 024246/DHQB/ANZDFTPWD3 submitted for job schedule entry ANZDFTPWD3 number 000247.	8/28/07 4:00:00 PM	CPC1236	0
<input type="checkbox"/> Qsys Diagnostic TCP/IP connection to remote system 127.0.0.1 closed, reason code 1.	8/28/07 3:02:10 PM	TCP2617	20
<input type="checkbox"/> Dhqb Completion Job schedule entry ANZDFTPWD5 number 000240 removed.	8/28/07 2:06:54 PM	CPC1239	0
<input type="checkbox"/> Dhqb Completion Job schedule entry ANZDFTPWD4 number 000239 removed.	8/28/07 2:06:54 PM	CPC1239	0
<input type="checkbox"/> Dhqb Completion Job schedule entry ANZDFTPWD3 number 000238 removed.	8/28/07 2:06:54 PM	CPC1239	0
<input type="checkbox"/> Dhqb Completion Job schedule entry	8/28/07	CPC1239	0

# What is ISC - My Startup pages

Integrated Solutions Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://rchaswg5:2005/ibm/console/login.do?action=secure> Go

Integrated Solutions Console **Welcome tlk** Help | Logout

- Welcome
- My Startup Pages
- i5/OS Management**
  - System
  - Basic Operations
  - Work Management
  - Configuration and Service
  - Network
  - Integrated Server Administration
  - Security
  - Users and Groups
  - Databases
  - Journal Management
  - Performance
  - File Systems
  - Internet Configurations
- Settings

System Oper... x Users and G... x Users x

--- Select Action ---

Add Page to My Startup Pages

Add Page to My Startup Pages

**System Operator Messages > Add Page to My Startup Pages**

The following page will be added to My Startup Pages.

**Page Name:** System Operator Messages

Done Local intranet

Click 'OK' on the confirmation screen



# How does it compare to System i Navigator ?

- **IBM Systems Director Navigator for i requires nothing to be installed on your PC**
  - Is installed and available to use out-of-the-box in 6.1
- **In 6.1, IBM Systems Director Navigator for i is **not a complete replacement for System i Navigator****
  - There is substantial function (over 300 web-enabled functions) that have been Web enabled as of 6.1
- **IBM Systems Director Navigator for i **provides management function not available in System i Navigator****
  - Performance Data Investigator
  - High Availability Solutions Manager

# How does it compare to System i Navigator ?

- **IBM Systems Director Navigator for i is intended for management of only the server where you point your Web browser.**
  - **Management Central capabilities are not included**
  - Use IBM Systems Director cross-platform products for multi system management
- **Both are built from same source code for consistent functionality. Panels look different when rendered on the Web Console**
- **Single user can only sign in to one Web Console either**
  - IBM Systems Director Navigator or System i Navigator URL Advisor
- **Both can have functions restricted**
  - Systems I Navigator don't install functions
  - Web Console restrict users from specific tasks

# Customize functions/applications

IBM Systems Director Navigator for i5/OS®

Welcome timmr

Active Jobs x System Oper... x Servers x System x

System - Isz1p11

i5/OS System management allows you to perform general system level tasks.

- [System Status](#)  
Allows you to display the system's current status.
- [System Operator Messages](#)  
Allows you to display messages sent to the system operator.
- [History Log](#)  
Allows you to display the system's current history log.
- [Disk Status](#)  
Allows you to view the system's current disk status.
- [Run a Command](#)  
Allows you to run an i5/OS command.
- [Change Password](#)  
Allows you to change your system password, or, if authorized, another user's password.
- [Application Administration](#)  
Allows you to manage user's authorizations to i5/OS Navigator functions.

Show All System Tasks

Select the **Application Administration** link

# Customize functions/applications

- Open the tree node for the section
- Select the desired task

The screenshot shows the 'Application Administration (Local Settings) - localhost' window. The left sidebar has 'System i Navigator' expanded to 'Host Applications'. The main table lists various functions with columns for 'Default Access', 'All Object Access', and 'Customized Access'. The 'Active Jobs' function is selected, and its context menu is open, showing options: 'Copy Access Settings', 'Paste', 'Customize', and 'Remove Customization'.

System i Navigator	Select	Function	Default Access	All Object Access	Customized Access
Client Applications	<input type="radio"/>	localhost in My Connections	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Host Applications	<input type="radio"/>	Basic Operations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Work Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="radio"/>	Active Jobs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Server Jobs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Job Queues	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Output Queues	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Subsystems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Memory Pools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="radio"/>	Configuration and Service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

-Open the task menu

- Select Customize

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# Customize functions/applications

The screenshot shows the IBM Systems Director Navigator interface. On the left is a navigation tree with categories like 'Welcome', 'My Startup Pages', and 'i5/OS Management'. The main window displays the 'Customize Access (Local Settings) - localhost' dialog for the 'Jobs' function. The dialog includes the following information:

- Function:** Jobs
- Product:** localhost in My Connections
- Function Description:** Provides support to work with jobs.
- Access:**
  - Default access
  - Users with all object system privilege

Below this, there are two sections for 'Customized access for users and groups':

- Users and groups:** A list with checkboxes for 'All Users', 'Groups', and 'Users Not in a Group'.
- Access Allowed:** A list box currently containing '[Empty]' with 'Add ->' and 'Remove <-' buttons.
- Access denied:** A list box currently containing '[Empty]' with 'Add ->' and 'Remove <-' buttons.

At the bottom of the dialog are buttons for 'Remove Customization', 'OK', and 'Cancel'.

Specify the Users/groups that you either want to give access or restrict access to this function

# Summary

- New Systems Management interface for IBM i
- More intuitive
- Easy to operate and maintain
- Available wherever a browser is able to connect to the system
- Part of IBM strategic “IBM Systems Director”

**Q. & A.**

THE NEW POWER EQUATION



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