



# THE NEW POWER EQUATION

System i Navigator family applications

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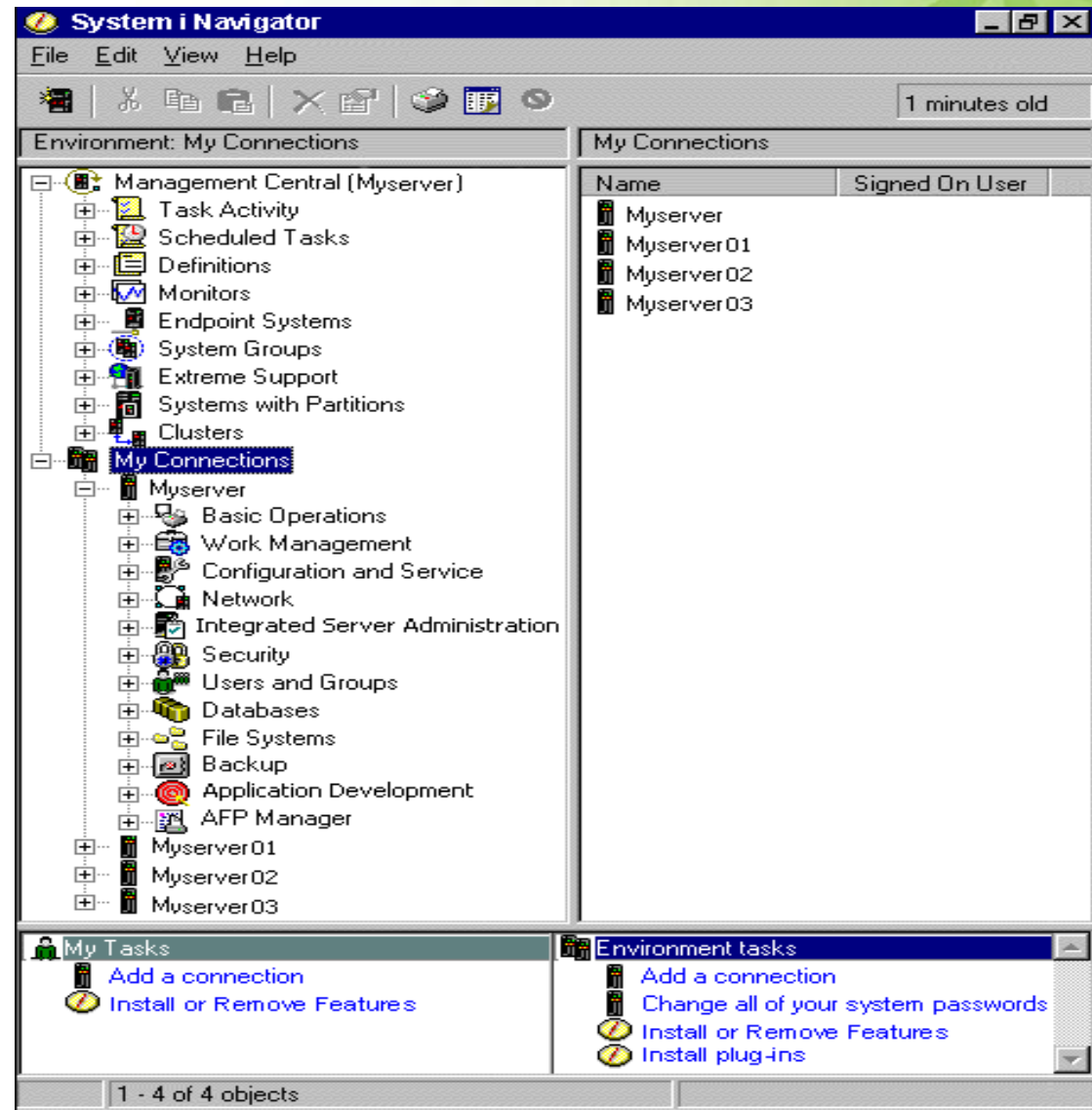
# Agenda

- **System i Navigator**
- **System i Navigator Tasks for the Web**
- **IBM Systems Director Navigator for i5/OS**

# System i Navigator

# System i Navigator – Introduction

- System i Navigator is a graphical interface for Windows clients
- Allows you to manage as many IBM i systems as desired



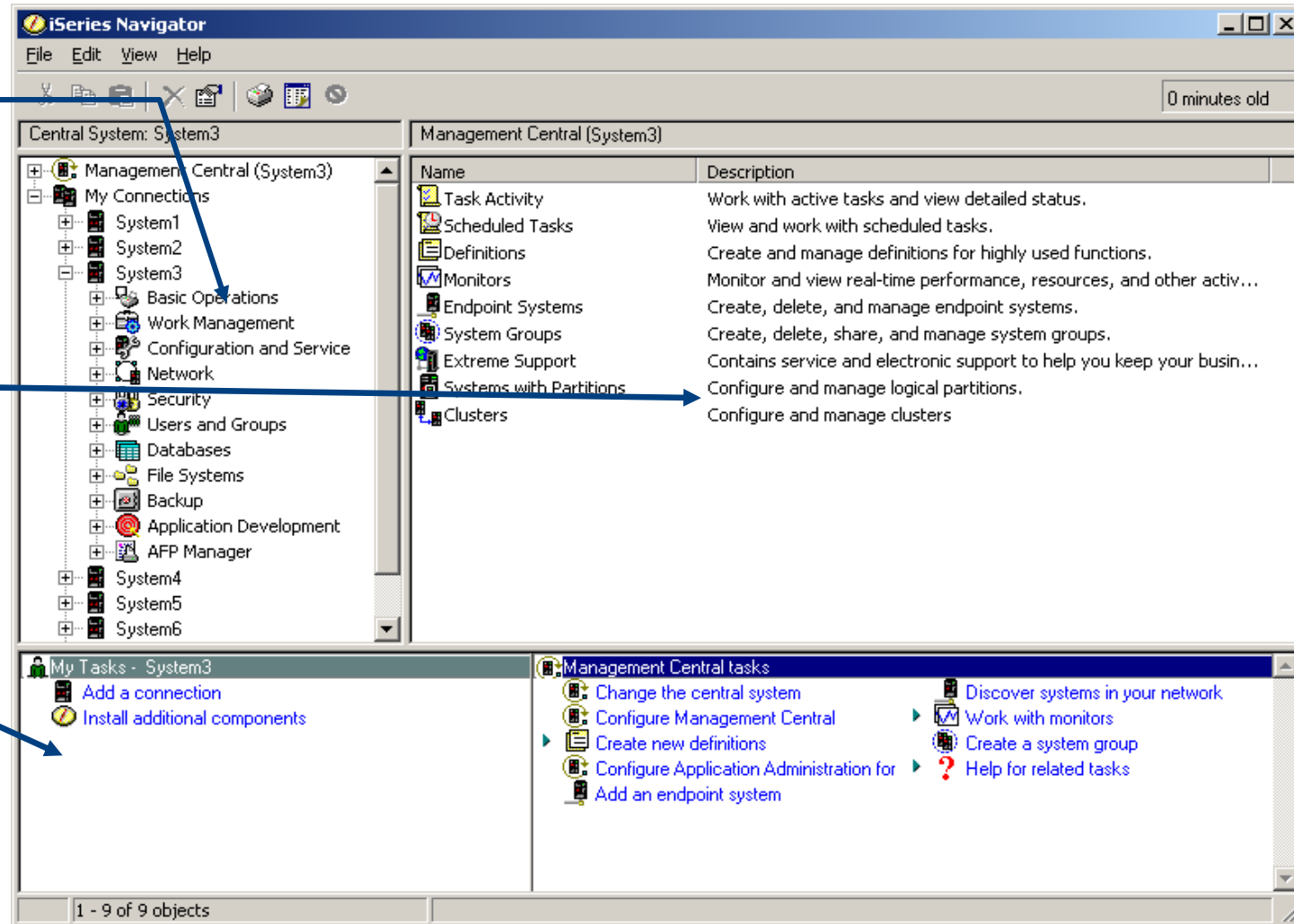
# System i Navigator – Interface

System i Navigator main window:

**Function tree**

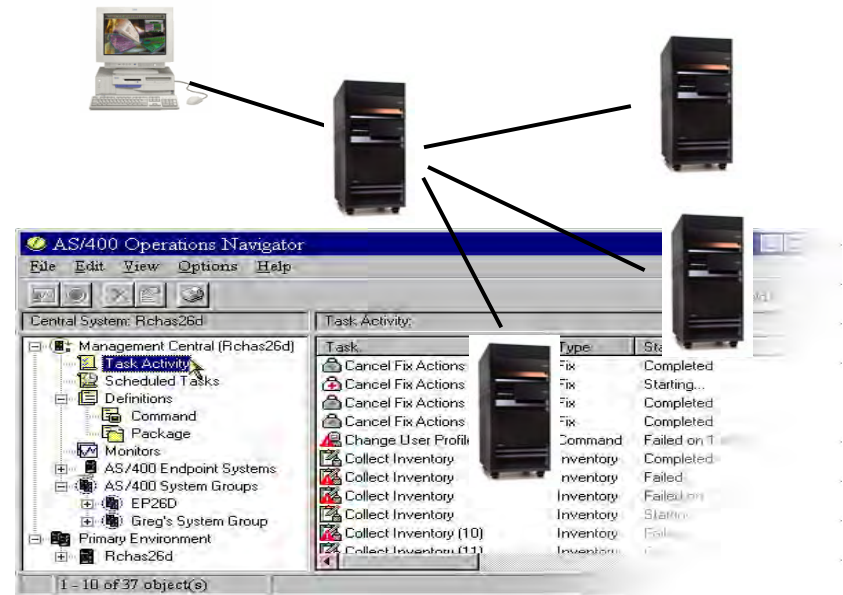
**Details pane**

**Taskpad**



# System i Navigator - Characteristics

- Modern technologies on user interfaces
- Manage multiple systems over a central system
- Reduce need to learn command interface
- Customize your views
- Create shortcuts
- Properties panels
- Pop-up menus
- Drag and Drop
- Auto-refresh
- Search lists
- Filter lists





# System i Navigator - History

11/08/1996:



# System i Navigator - History

02/27/1998:





# System i Navigator - History

05/21/1999:



# System i Navigator - History

07/28/2000:





# System i Navigator - History

05/25/2001:







# System i Navigator - History

06/11/2004:





# System i Navigator tasks for the Web

## System i Navigator – Evolution

- In V5R3 (06/11/2004) System i Navigator provided 46 individual tasks available through the Web

This application is called “**System i Navigator tasks for the Web**”

Category	Number of tasks
Basic Operations	5
Work Management	17
Configuration and Service	2
Database	21
General Purpose	1
<b>Total</b>	<b>46</b>

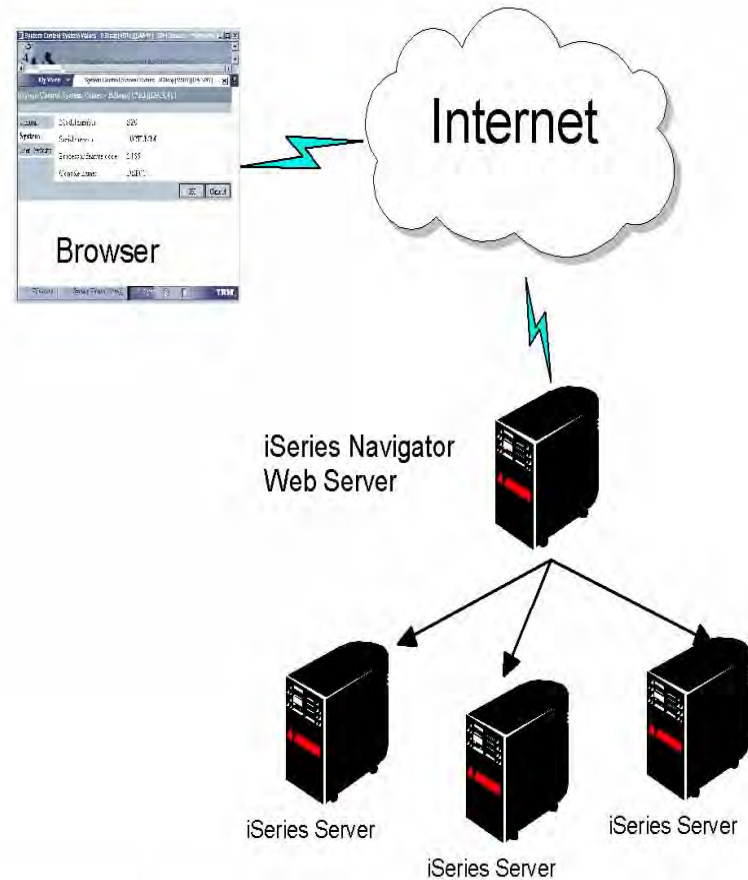
## System i Navigator – Evolution

- For **5.4** (02/14/2006), the number of tasks increased to 99. Two new categories were created for **Network** and **General purpose** tasks.

Category	Number of tasks
Basic Operations	25
Work Management	28
Configuration and Service	5
Database	31
Network	2
General Purpose	8
<b>Total</b>	<b>99</b>

# System i Navigator Tasks for the Web – Characteristics

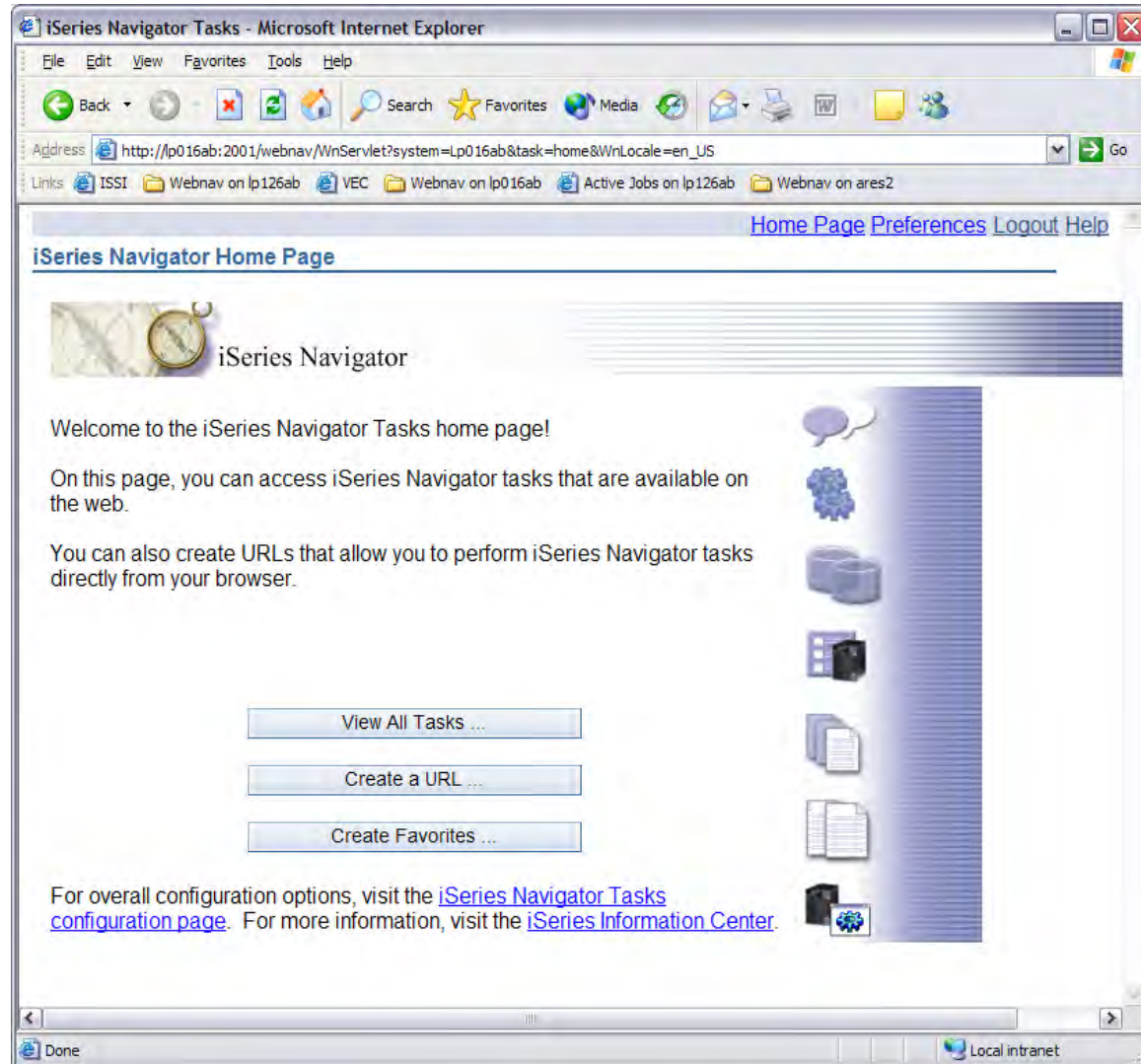
- Key tasks accessible through a web browser
- No additional cost
- No installation
- Access through port 2001
- SSL configurable
- Controlled access
- Source system to run a task on a target system



# System i Navigator Tasks for the Web - Access

You may access tasks in different ways:

- From the welcome page
- Through an specific url:  
<http://<webSystem>:2001/webnav/WnServlet?system=<system>&task=home>
- From the "View All Tasks" button
- From the browser's favorites





# System i Navigator Tasks for the Web - Interface



## System i Navigator Tasks

Collapse all groups

System i Navigator Task Groups	List Tasks	Action Tasks
▶ System		
▶ Basic Operations	▼ System Tasks	<a href="#">Disk Status</a> <a href="#">System Operator Messages</a> <a href="#">History Log</a> <a href="#">System Status</a> <a href="#">Run Command</a> <a href="#">Application Administration</a> <a href="#">Administration System Properties</a> <a href="#">Change Password</a>
▶ Work Management		
▶ Configuration and Service		
▶ Security		
▶ File Systems		
▶ Performance		
▶ Backup, Recovery, and Media Services for i5/OS		
▶ Database		
▶ Network		
▶ Journal Management		
▶ Users and Groups		
▶ Integrated Server Administration		
Page 1 of 1		

Close

# System i Navigator Tasks for the Web - Interface



## Active Jobs - Lp126ab

Elapsed time: 00:20:08

Refresh

Select	Job Name	Detailed ...	Current ...	Type	CPU...
<input type="checkbox"/>	Qzscsvr	Waiting for request	Quser	Prestart communications	0
<input type="checkbox"/>	Qct	Waiting for dequeue	Qsys	Subsystem	0
<input type="checkbox"/>	Qsyscd	Waiting for event	Qpgmr	Batch	0
<input type="checkbox"/>	Qejbas5	Waiting for dequeue	Qsys	Subsystem	0
<input type="checkbox"/>	Qejbmqlsr	Waiting for time interval	Qmqm	Batch immediate	0
<input type="checkbox"/>	Qjvaexec	Waiting for Java program	Qejbsvr	Batch immediate	0
<input type="checkbox"/>	Server1	Waiting for Java program	Qejbsvr	Autostart - Server	0.1
<input type="checkbox"/>	Server1	Waiting for Java program	Qejbsvr	Batch - Server	0

Page 2 of 37    2    Go    Total: 294    Filtered: 294    Displayed: 8    Selected: 0

- Action menu
- Customizable
- Search, include and columns options
- Toolbar
- Navigation bar
- Context menus (equivalent to popup menus)



# IBM Systems Director Navigator for i5/OS

# System i Navigator – Evolution

- In **6.1** (03/21/2008) “**IBM Systems Director Navigator for i5/OS**” was born
- **Integrated console** for **IBM i** management
- **System i Navigator tasks for the Web** still available

IBM Systems Director Navigator for i5/OS®

Welcome esperanz

Help | Logout

--- Select Action ---

Welcome - Lp02ut12.rchland.ibm.com

**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](#)

## IBM Systems Director Navigator for i5/OS – What is it?

- Is the **new web console** included on the IBM i 6.1.
- Perfect for executing several tasks over a single system
- Over **300** tasks available



# IBM Systems Director Navigator for i5/OS – What it needs?

- Included on the IBM i with option 3 (5761SS1 0003). **No additional charge!**
- Requires the next products (all are pre-installed already on the i)
  - IBM HTTP Server for i5/OS 5761DG1
  - Qshell 5761SS1 option 30
  - Portable App Solutions Environment (PASE) 5761SS1 option 33
  - IBM Developer Kit for Java 5761JV1
  - J2SE 5.0 32 bit 5761JV1 option 8
  - IBM Toolbox for Java 5761JC1
  - Host Servers 5761SS1 option 12

## IBM Systems Director Navigator for i5/OS – Includes

- All the tasks from System i Navigator for the Web organized in **13 categories**
  
- Additional LPPs can be installed on this application
  - iHASM (IBM 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

# IBM Systems Director Navigator for i5/OS – Does not include

- **Management Central** capabilities
  - Only one system at a time
  
- **Database** visual tasks
  - SQL Scripts
  - Visual Explain
  - Database Navigator
  - SQL Assist
  
- **Disk Management** visual tasks
  - Graphical View
  - Disk Unit Physical Location
  - Disk Unit/ASP Capacity chart

# IBM Systems Director Navigator for i5/OS – How it works?

- HTTP Admin server
- <http://system:2001>

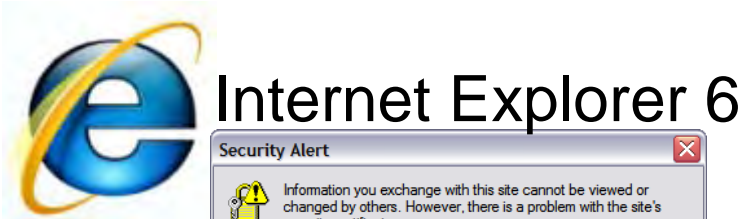


- **Supported web browsers**

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

# IBM Systems Director Navigator for i5/OS – How it works?

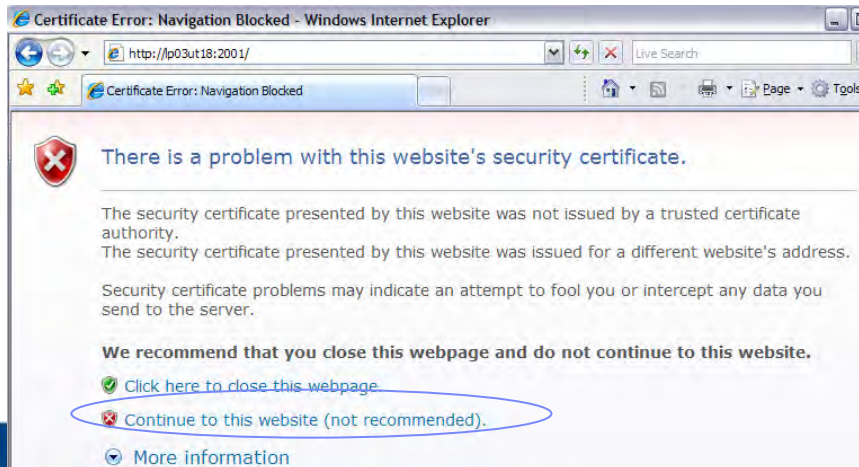
- SSL dialog for certificate



## Internet Explorer 6



## Internet Explorer 7

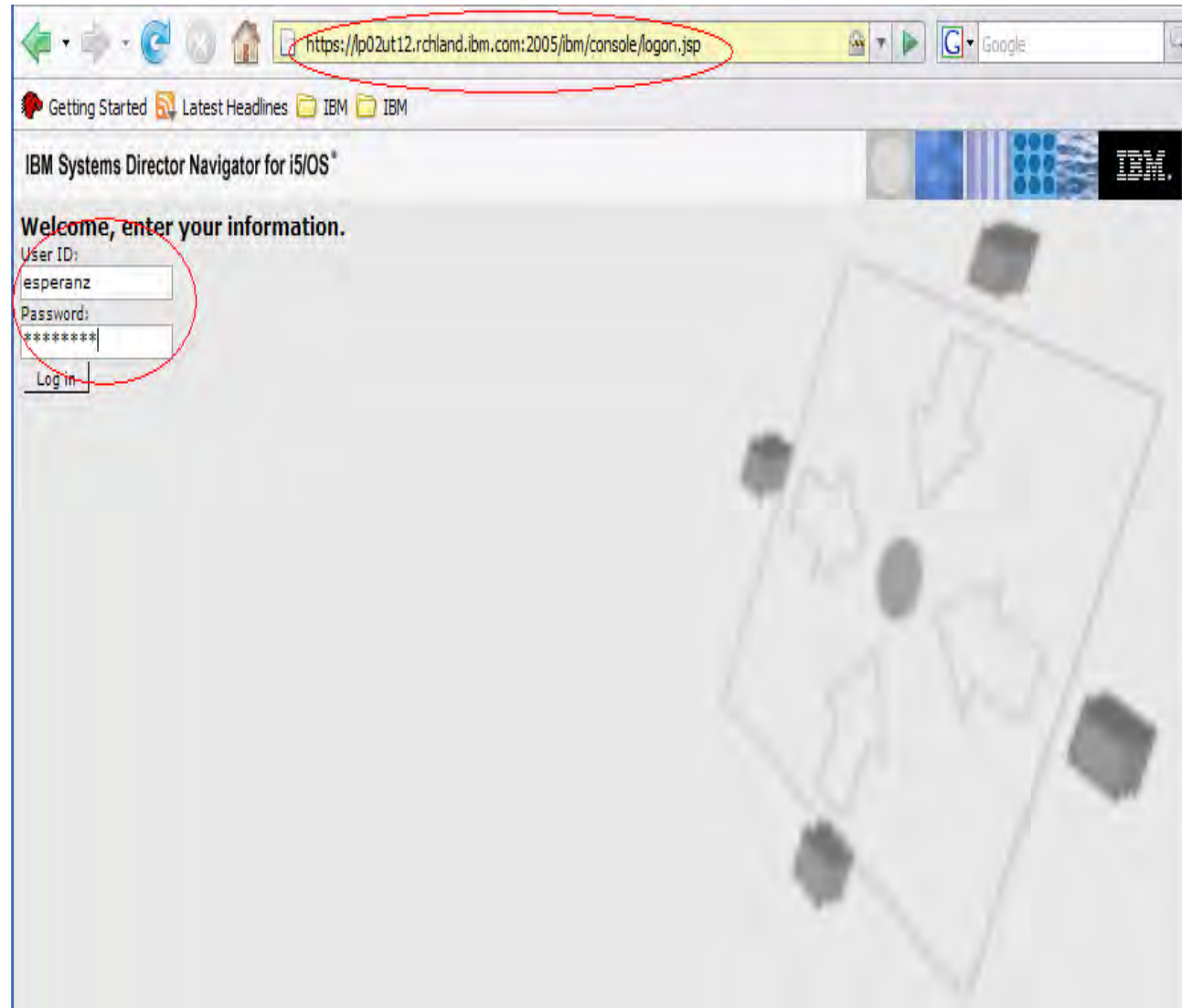


## Firefox 2



# IBM Systems Director Navigator for i5/OS – How it works?

- Secure address
- IBM i user profile authentication





# IBM Systems Director Navigator for i5/OS – How it works?

Interface displayed:

1. **“i5/OS Management”** displays categories
2. **Welcome page** for each category
3. **Common tasks** on the welcome page
4. **Show All Tasks** button for all of them
5. **New tab** for each task

IBM Systems Director Navigator for i5/OS<sup>®</sup> Welcome esperanz 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 X

System - Lp02ut12.rchland.ibm.com

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



# IBM Systems Director Navigator for i5/OS – Interface

Grouping tasks into categories

Organizing tasks into tabs

The screenshot shows the IBM Systems Director Navigator for i5/OS interface. On the left is a navigation tree with categories like 'Welcome', 'My Startup Pages', and 'i5/OS Management'. The 'i5/OS Management' category is selected and circled in red. The main content area has a tab labeled 'Work Management... X' circled in red. Below the tab is a header 'Work Management - Lp03ut18' with a help icon circled in red. The main content lists several tasks: 'Active Jobs', 'Server Jobs', 'Active Job Queues', 'Output Queues', 'Active Subsystems', and 'Active Memory Pools'. A red bracket groups these tasks under the label 'Common tasks'. At the bottom of the main content area is a button labeled 'Show All Work Management Tasks' with an arrow pointing to it from the label 'All tasks'.

Help link

Common tasks

All tasks

# System i Navigator, System i Navigator Tasks for the Web and IBM Systems Director Navigator for i5/OS

	<b>System i Navigator</b>	<b>System i Navigator Tasks for the Web</b>	<b>IBM Systems Director Navigator for i5/OS</b>
<b>Installation</b>	<a href="#">View requirements</a>	Browser	Browser
<b>Management</b>	Multiple systems (central system / endpoint system)	Multiple systems (source system / target system)	Single system
<b>Interface</b>	Consistent		
<b>Updates</b>	Install service pack on every PC	Apply PTF on IBM i	Apply PTF on IBM i
<b>Tasking</b>	Multi-task*		

# Links

- <http://www-03.ibm.com/systems/i/software/navigator/index.html>
- <http://publib.boulder.ibm.com/infocenter/systems/scope/i5os/index.jsp>

Thanks!

## System i Navigator – Minimum Requirements

- 850MHz processor
- 512 MB RAM (1GB desirable)
- 300MB free disk space

Supported operative systems:

Windows XP (32 – 64 bit PC)

Windows Server 2003 (32 – 64 bit PC)

Windows Vista (32 – 64 bit PC)

[Back](#)



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