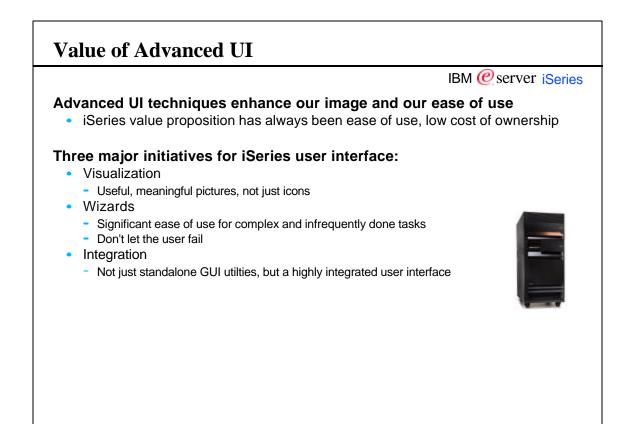
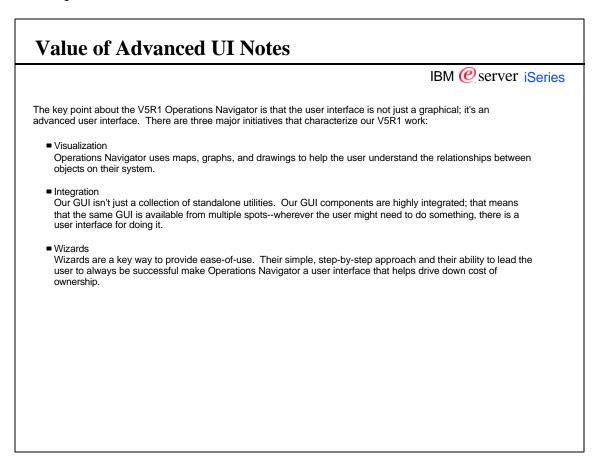


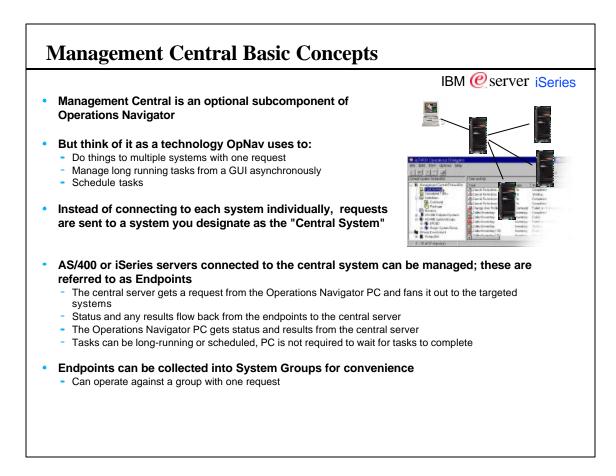
IBM @ server iSeries

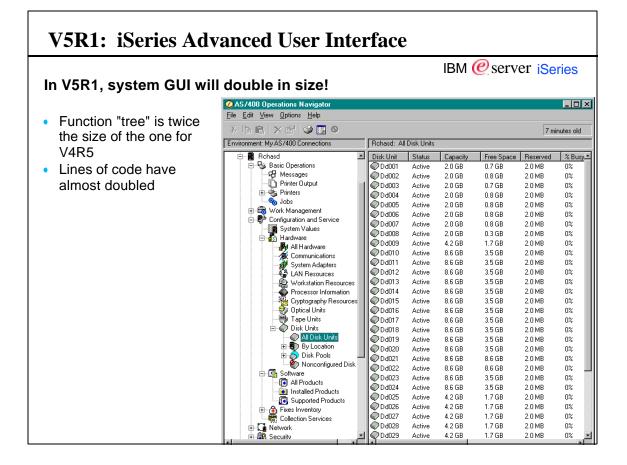
Additional Information

- Operations Navigator website:
 http://www.ibm.com/eserver/iseries/oper_nav
- Management Central website:
 - http://www.ibm.com/eserver/iseries/sftsol/mgmtcentral.htm
- Redbooks (www.redbooks.ibm.com):
 - Managing AS/400 V4R4 with Operations Navigator, SG24-5646-00
 - Management Central: A Smart Way to Manage AS/400 Systems, SG24-5407-00
 - AS/400 Client Access Express for Windows: Implementing V4R4M0, SG24-5191-00
- iSeries Information Center
 - Repository of iSeries and AS/400 documentation. Installed locally via the Information Center CD, or accessed on the internet at http://www.ibm.com/eserver/iseries/infocenter
- INFO APARs
 - Available at the Operations Navigator web site
 - Have information on known problems and PTFs required
- Client Access information
 - Available at www.ibm.com/eserver/iseries/clientaccess









V5R1: iSeries Advanced User Interface Notes

IBM @server iSeries

Operations Navigator and its coverage of tasks within OS/400 was a major focus for V5R1. Much, much more of OS/400 is now covered by this GUI, including the use of numerous easy-to-use configuration wizards which have been written to help with complex or infrequently done tasks.

V5R1 Enhancements

- Work Management
- Active jobs, job queues, memory pools, subsystems
 Backup and Recovery
- BRMS GUI plug-in
- All System Values
 - Includes ability to copy to other servers via Management Central
- Database Enhancements
 - Pictorial representation of database objects and their relationships, generate SQL
- Distributed user and group management
 Manage users and groups across the network via Management Central
- LPAR configuration and management
- Disk Management, stage 2
 - Balancing, compression, manage ASPs, manage disk units
- Simple (two-node) cluster configuration
- Integrated Netfinity Server
 - Manage Windows server users and groups, disk storage
- Extreme Support

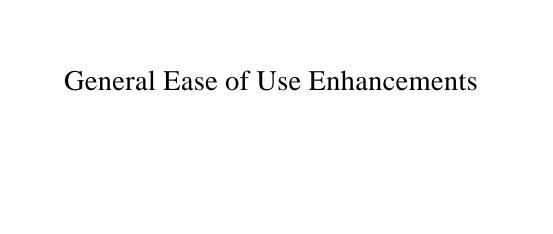
- IBM @ server iSeries
- LP and fix definition and installation across the network
 - Create LPs and fixes, distribute and install via Management Central
- TCP/IP Enhancements
 - Quality of service support, server security and performance enhancements, availability enhancements
- File System GUI Enhancements
 Additional IFS attributes, IFS journaling, list sorting, and performance enhancements
- New monitors and monitoring enhancements in Management Central
- AFP Manager
- EZ Setup integration
 - Now shipped with Client Access
 - Includes a 2nd stage "Custom Setup" set of wizards accessible from OpNav
- Taskpads
- GUI CL command prompter
- Auto-detection of plug-ins

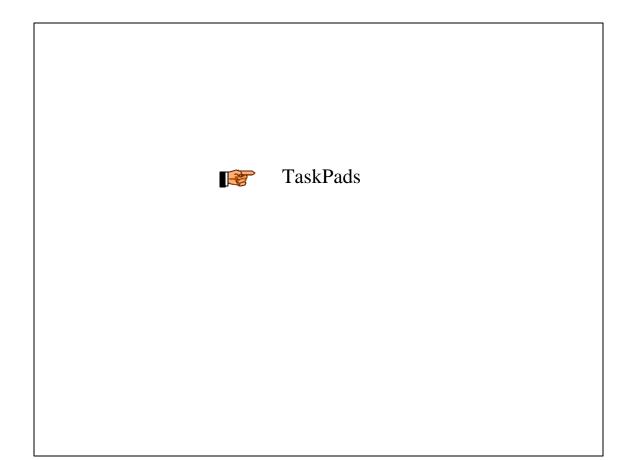
V5R1 Enhancements Notes

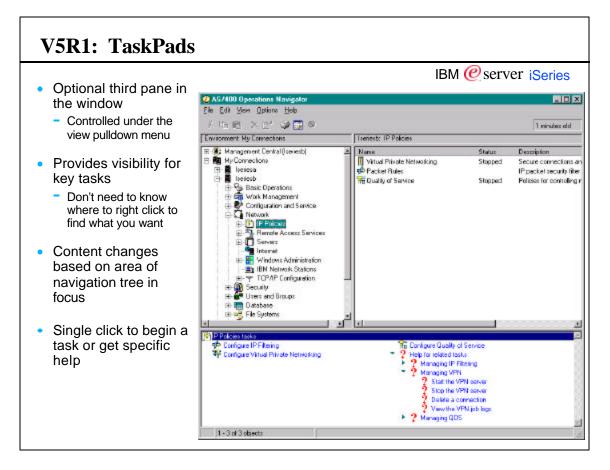
IBM @ server iSeries

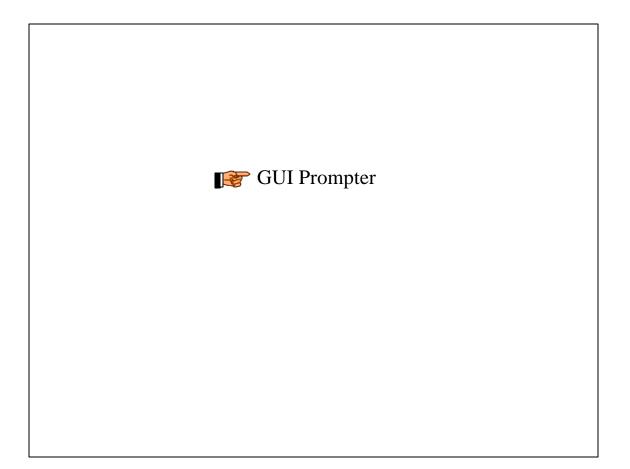
Operations Navigator has been extended to cover many areas not yet included. Most notable in this list are LPAR configuration, Work Management (work with active jobs), Backup and Restore via the BRMS GUI plug-in, and a graphical command prompter. Existing pieces of GUI have been enhanced with many new functions, all aimed at providing more valuable information and assistance to the administrator.

Note: Most of these new functions require not only the V5R1 version of Operations Navigator installed on the PC (that is, they've installed the V5R1 version of Client Access Express), but also the servers that are being managed need to have V5R1 OS/400 installed. The reason for this is that many of these new functions required more than just GUI code written for the PC; they also require code within OS/400 itself--new or changed APIs usually.







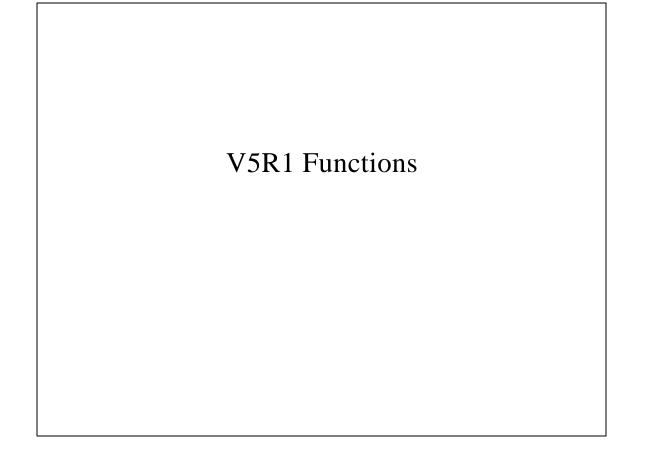


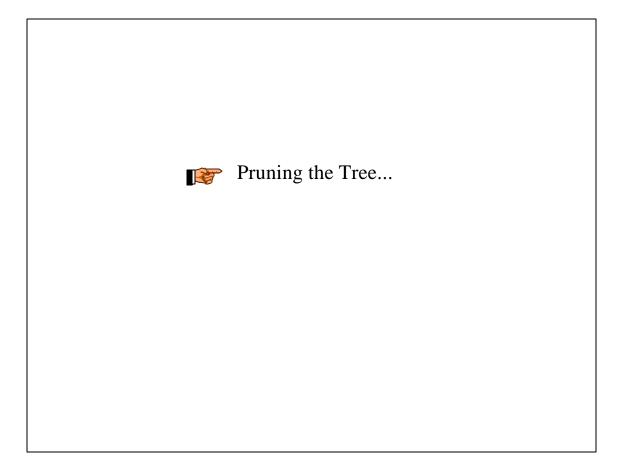
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Command to run:	File Edit View Help
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	Advanced Parameters
server	Maximum records: TNOMAX I 1-2146762800 Auxiliary storage pool ID: TLBASP I 1-32 Maximum file wait time: TIMMED Seconds Share open data path: TNO C *YES Authority: TUSE Name mmand - Rchasb3d ?X
 Works on customer-created commands 	mand to run: TSAVF FILE(MYLIB/MYSAVF) AUT("USE) TEXT("Sample save file") Prompt Previous Commands
	OK Schedule Cancel Help

				IBM @server iSeri
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Auto-Detection of Plug-ins IBM @ server iSeries In previous releases, plug-ins had to be pulled-down from the server - You needed to know which plug-ins were available from where - You needed to initiate the plug-in installation via Client Access selective setup function Plug-ins Detected ? × Operations Navigator has detected the following plug-ins on 'System001' that are available for installation on your PC: • In V5R1, when you connect to Advanced Job Scheduler Backup, Recovery and Media Services Performance Explorer a server: - Server will inform you of any plug-ins that are available from it Give you the option of installing them This function can be turned off Installing plug-ins will cause all active Operations Navigator sessions to be ended. Would you like to end Operations Navigator and install them now? Also from the Options pulldown menu (click on User Preferences, No Help Yes Plug-ins tab) $\overline{\mathbf{v}}$ Show this dialog again if new plug-ins are found the next time a server is accessed





Functions no longer in Operations Navigator

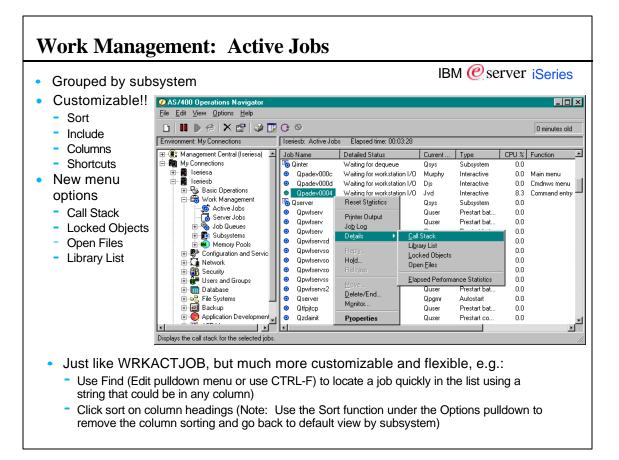
Multimedia (Ultimedia Support Facility) Folder

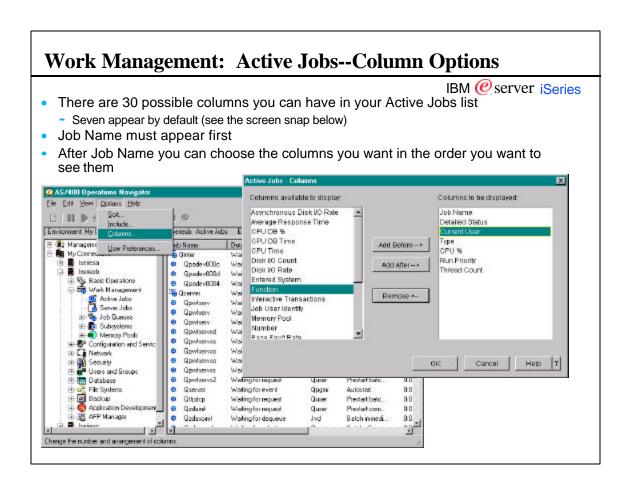
- Legacy multimedia repository product, first shipped with Windows 3.1 Client Access, later ported to Client Access for Win95/NT and Client Access Express
- GUI was removed, but APIs remain in Express

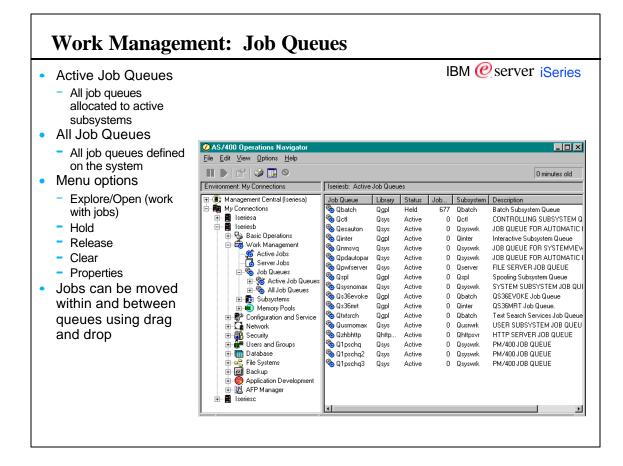
ODBC Data Sources Folder

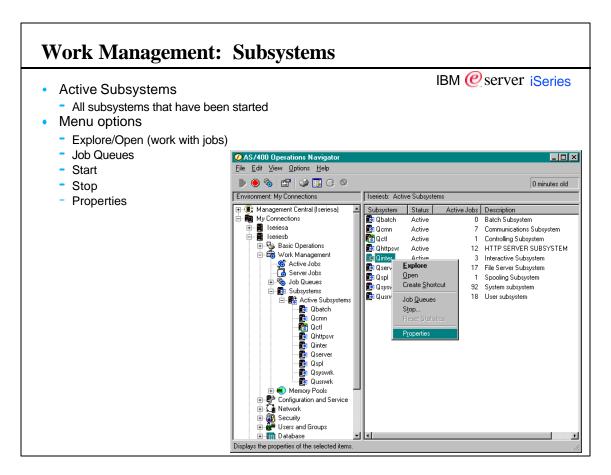
- Part of our database GUI since V3R7
- A function that allowed centralized managment of ODBC data sources from the AS/400
 - But ODBC end users needed to have the database GUI in order to use the data sources
- Little used, industry standard alternatives have emerged since this implementation





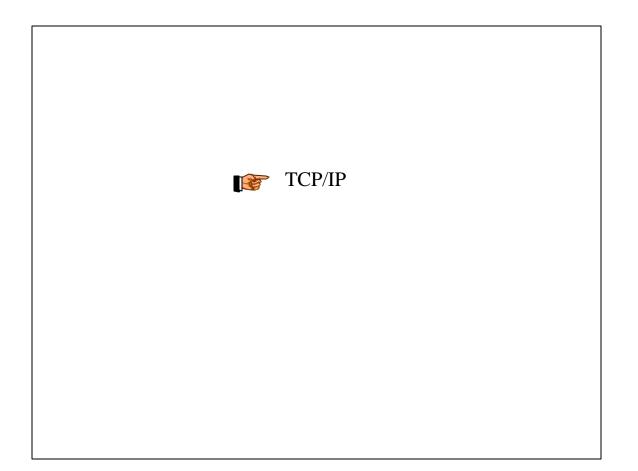


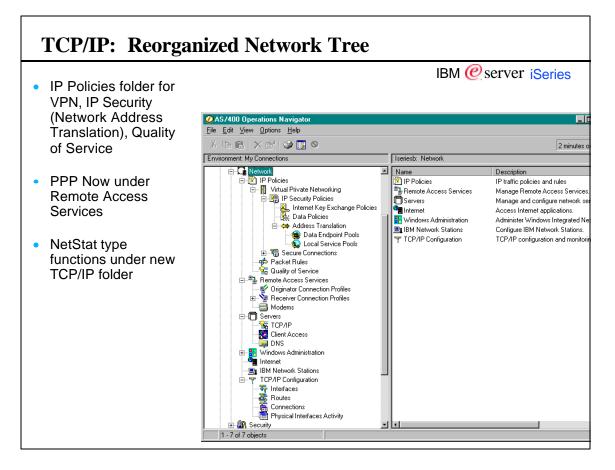


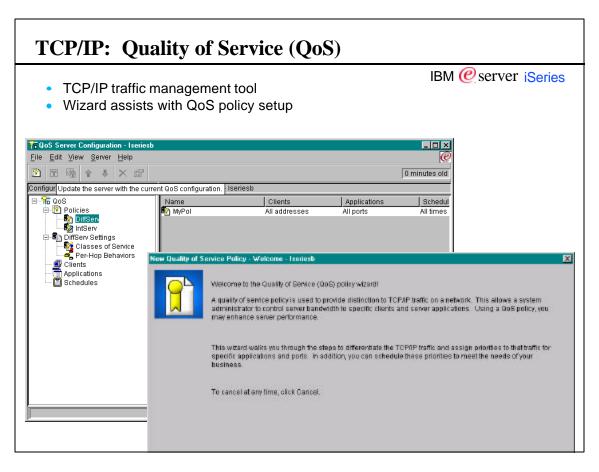


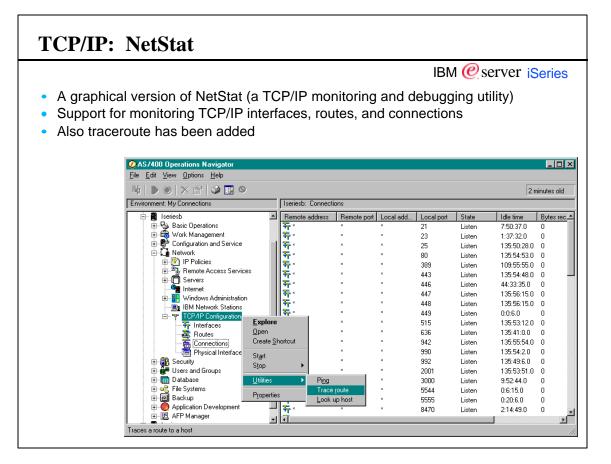
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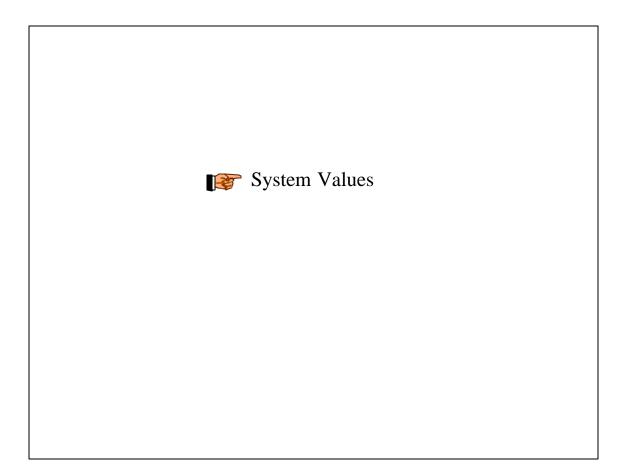
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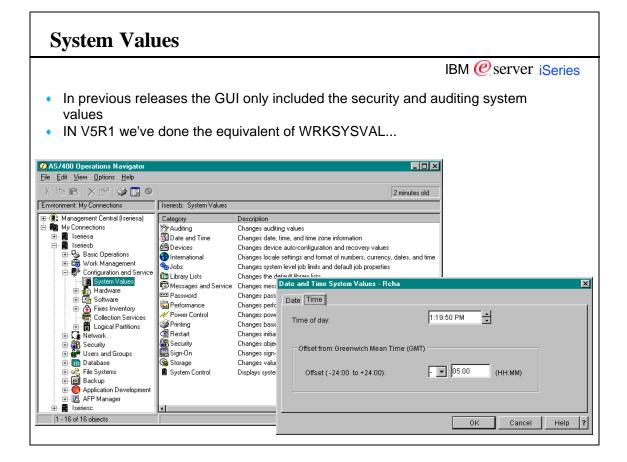


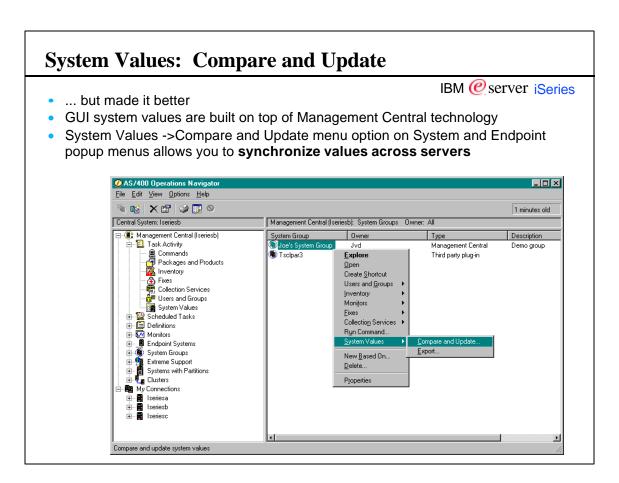






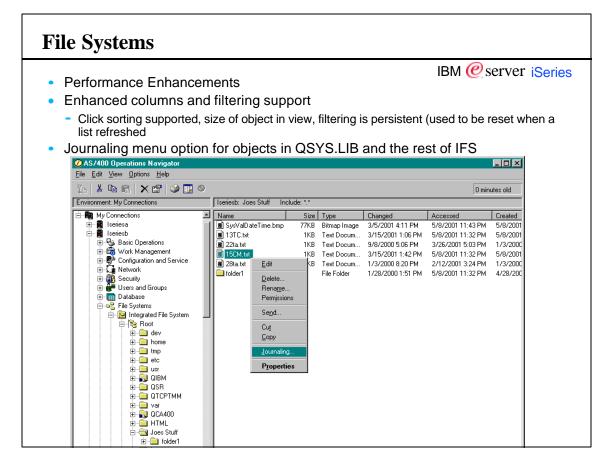


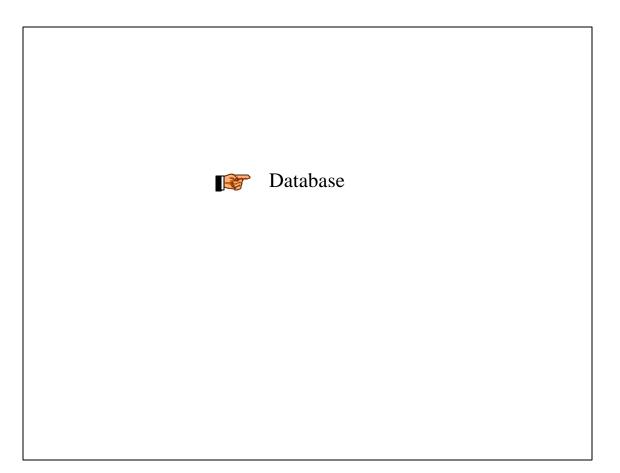


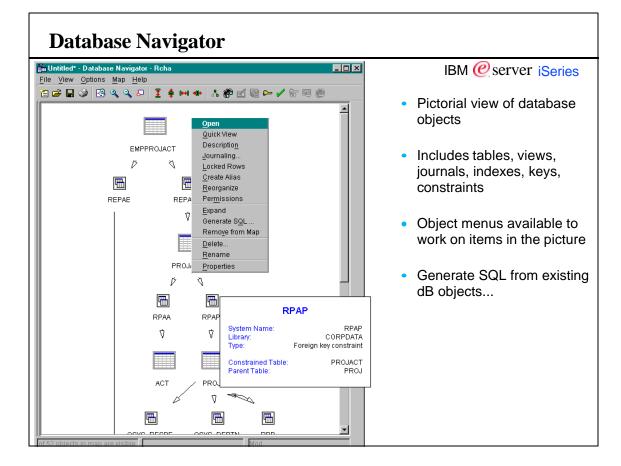


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	Model system: Iseriesb Model system settings - 5 minutes old Category: Password Show only differences
	Update Item to Compare Value Image: Password expiration 90 Days Image: Password expiration None Image: Password expiration expiration expiration expiration None Image: Password level Short passwords using a limite
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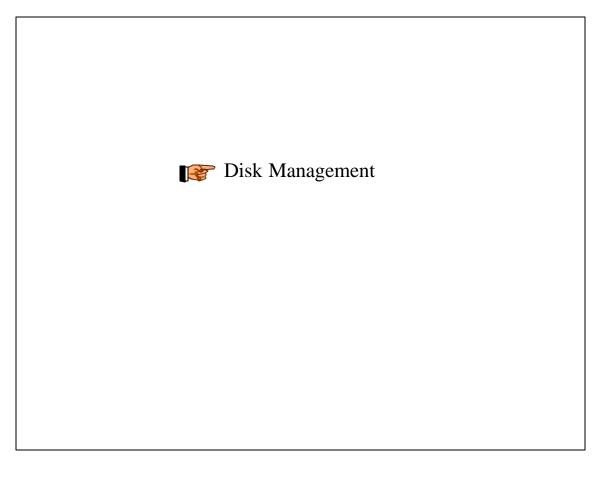
File Systems

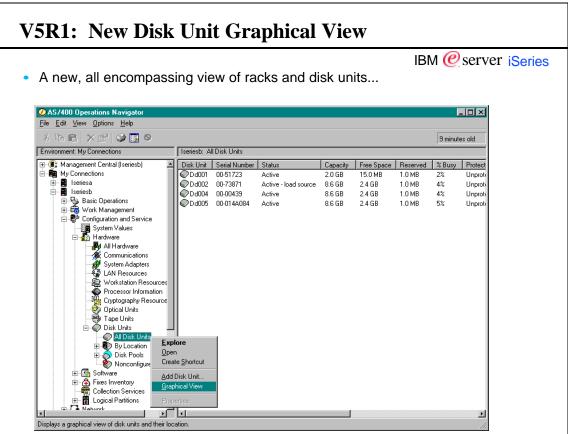


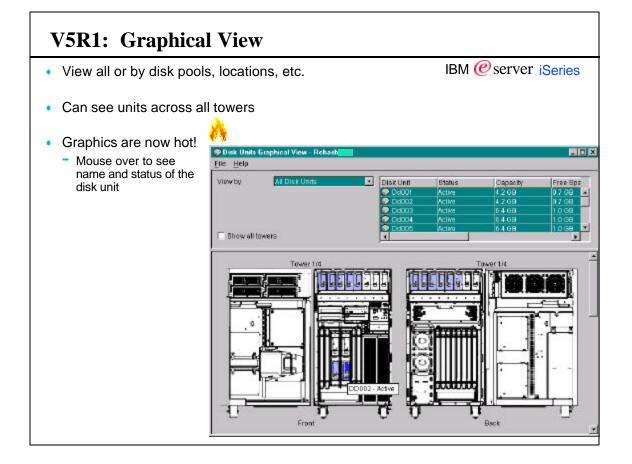


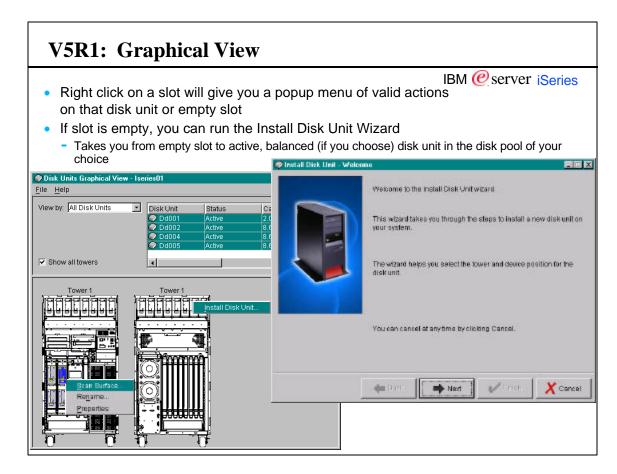


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Member:	INIT TEXT IS 'First and middle initial field', STREET TEXT IS 'Street address field',

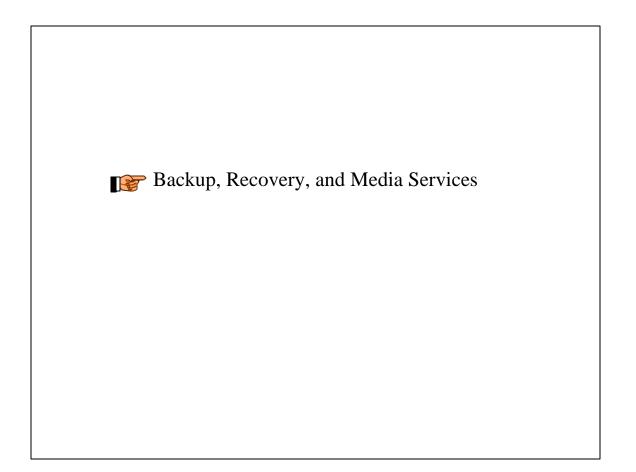




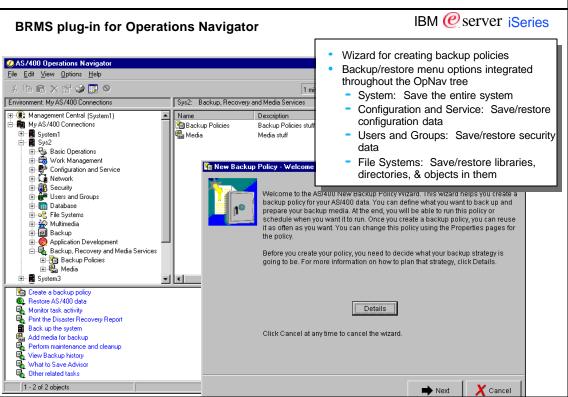


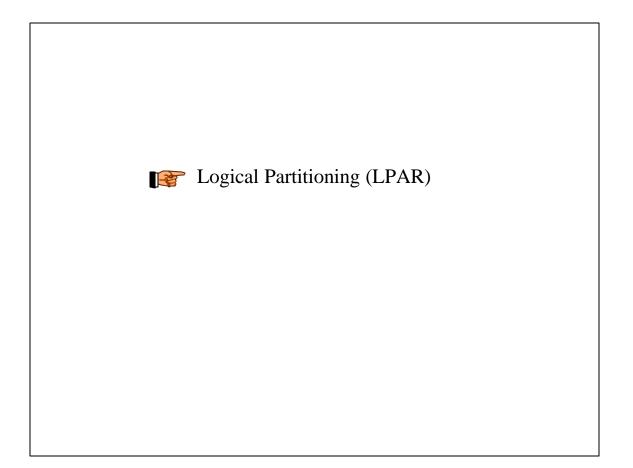


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or more information, see the nline book " <i>Tips and Tools for</i>		N	N IX	×
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BRMS



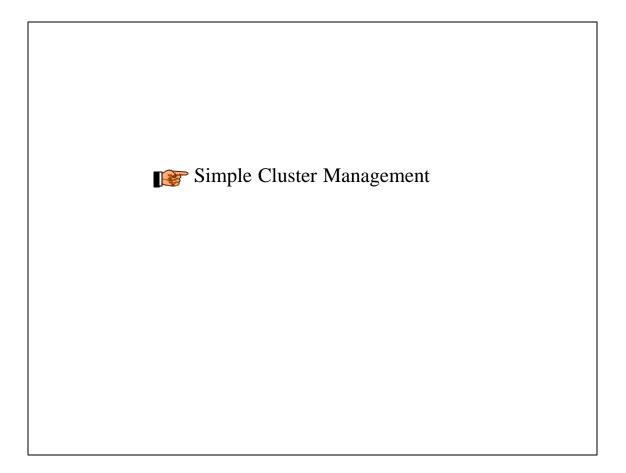


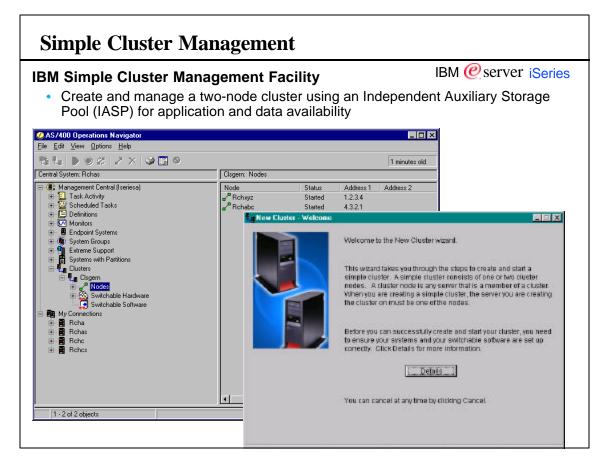
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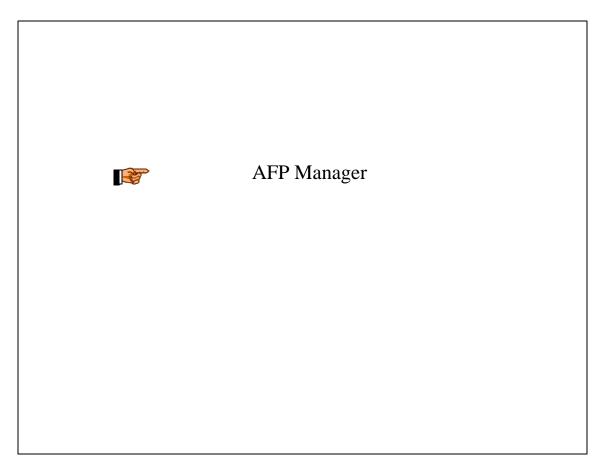
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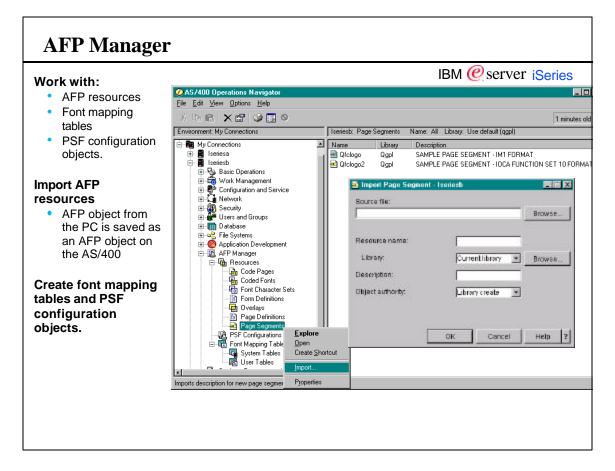
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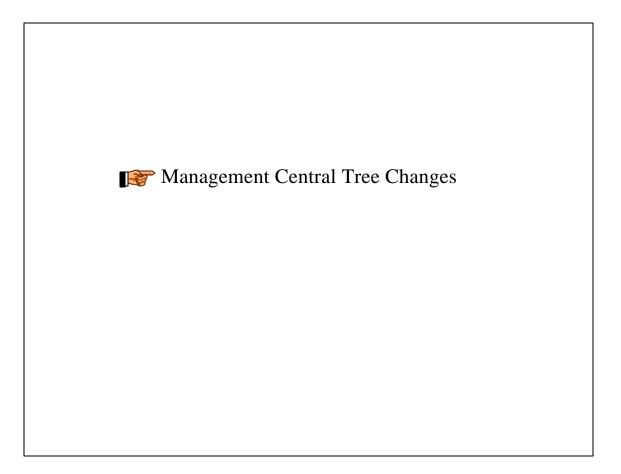
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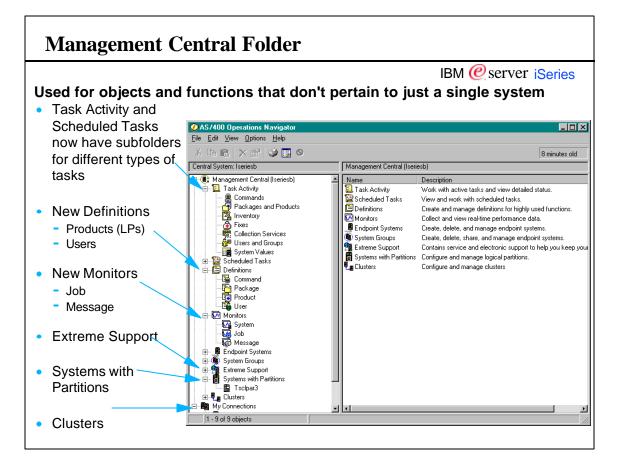


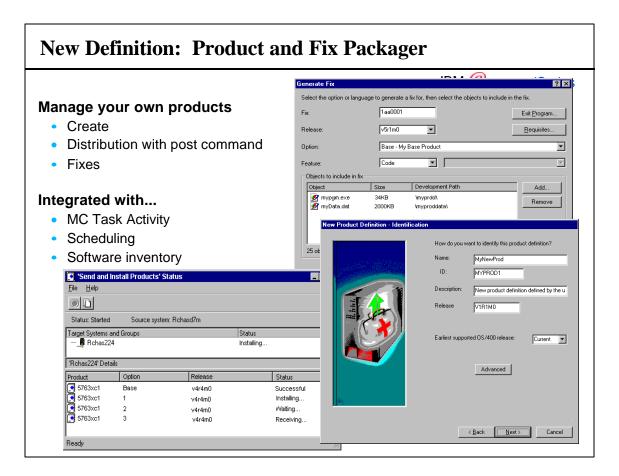


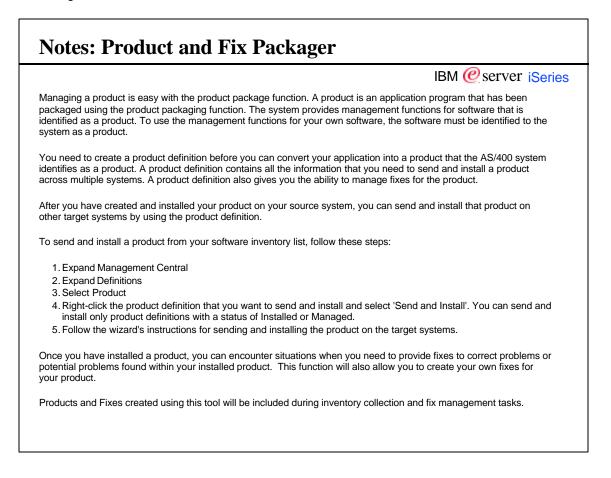




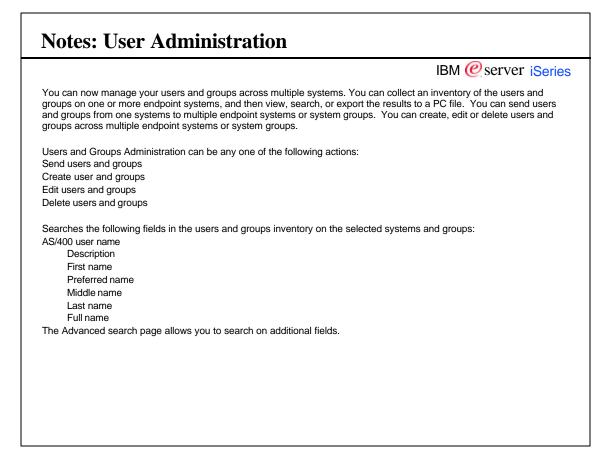


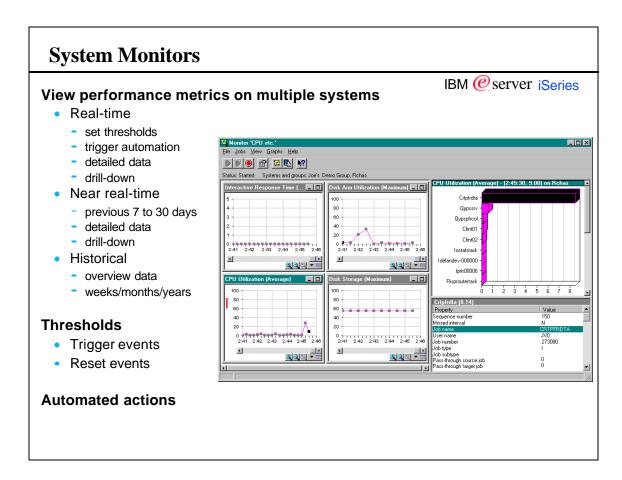


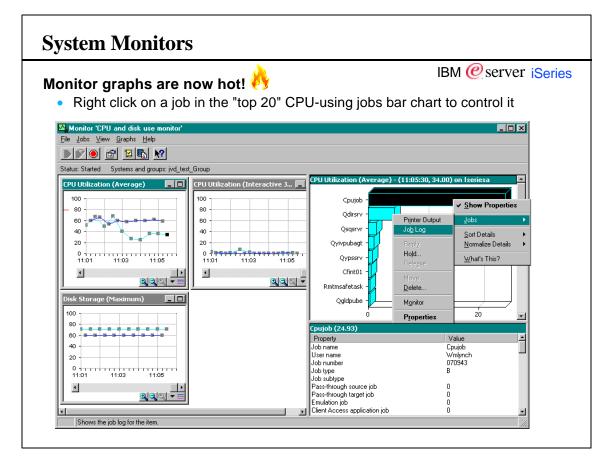




Distributed User Administration	۱	II	BM 🙋 serve	er iSeries
 Create, change, delete users or Create profile from a template Integrated as Task Activity Create Delete (scan for owned objects) Change Send SDD entry private authorities privileges password 	Search - Reh Im Basic 1) Selec Sign- Statu Pasis No pe	Autory to search: Isers and Groups Advanced ct an item to search for ous sign-on date and time on attempts not valid	th one reque	est v
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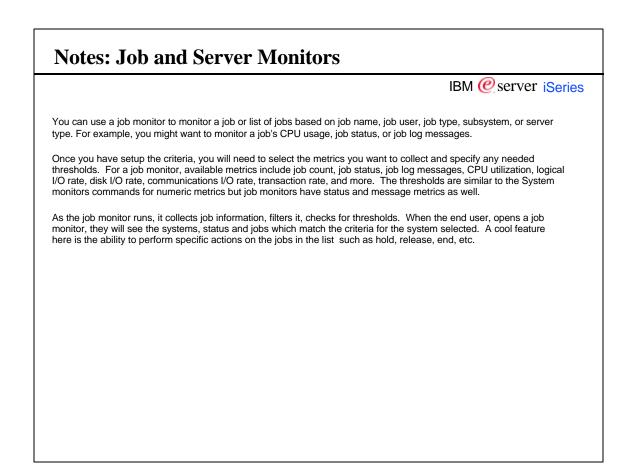


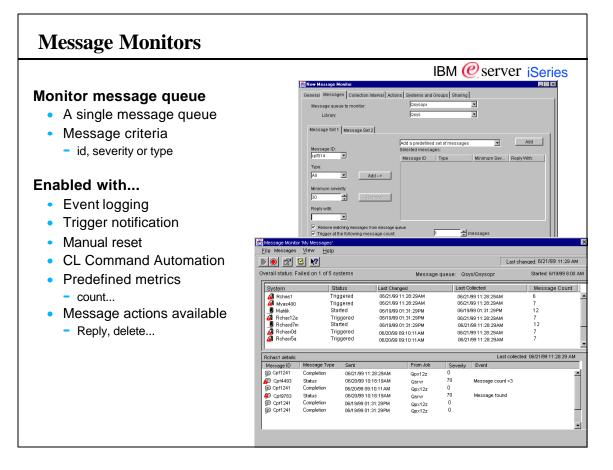




Notes: System Monitors IBM @ server iSeries Visualize what's going on with your systems with detailed graphs that monitor the real-time performance of multiple AS/400 systems. You can view and change information about the monitor, including the metrics to be collected by the monitor Use the Graph History window to see a graphical view of the metrics that have been collected for an extended period of time for a particular monitor. You can contrast this data with the real-time data for the last hour shown in the Monitor window. The Monitor window shows a graphical view of the metrics for a monitor as they are being collected. You can have more than one monitor window open at the same time, and you can work with other windows while the Monitor windows are open. The Monitor window contains three panes: Graphs, Details, and Properties. From the Details pane, you can now perform specific job actions such as hold, release, end, etc.. From the Monitor window, you can change the properties of the monitor. You can change which metrics are being collected by the monitor and the values for the thresholds that are being monitored for each metric. You can change the collection interval, the retention period, or the maximum graphing. You can also change the actions that occur whenever a threshold is triggered or reset. You can change the properties of any monitor whether it is started or stopped. If you change the properties of a monitor that is running, the changes will take effect immediately. With the addition of Management Central - Pervasive, the power of Management Central can be accessed from Internet phones, Personal Digital Assistants (PDAs), or web browsers. Use the system monitor support that is available in Management Central to set up complex monitors and detailed thresholds, and then use Management Central -Pervasive to view the status from anywhere. After you set up a Web server on your central system, you type the URL into your Web phone, PDA, or browser to check the availability of yours systems and any active Management Central monitors. For example, you can check the availability of your systems to find out if a restart completed or check one of your active monitors to see if any thresholds for CPU were exceeded.

Monitor jobs by solasting		Tes	t1"Properties			IRM (🖉 çerv	er iso	rio ×
Monitor jobs by selecting		G	eneral Metrics	Collection Interval Action	is Systems and G	roups Sharing			
 Job criteria 			lame:	Test1					
 subsystem, job name, job type 	e or user	C	Description:	I					
 Server name 			Jobs to monitor	Servers to monitor	1				
 web server, ftp server 			Job name:	I	Selected jobs: Job Name	User	Subsystem	Job Type	
Enabled with			User: MI	Add	1				
 Event logging 			Subsystem:						
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- Hold, release, end									
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	System: Rohas Job Name	user Name	Subsystem		ollected: 6/22/9 ast Event	99 3:40 PM Event Time	Last even	nt: 6/21/9911:2 CPU%	28 AN
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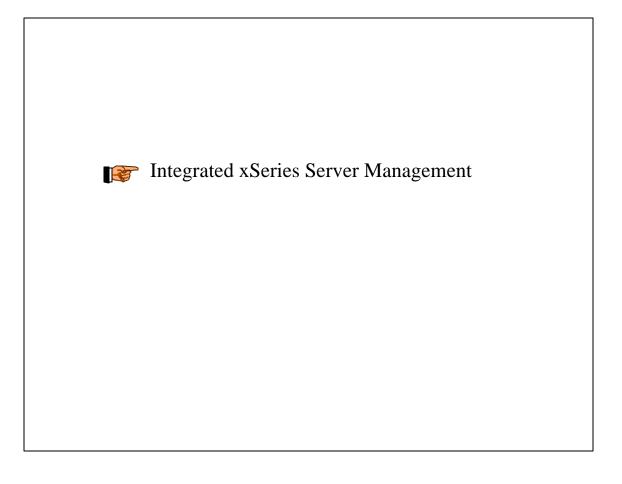


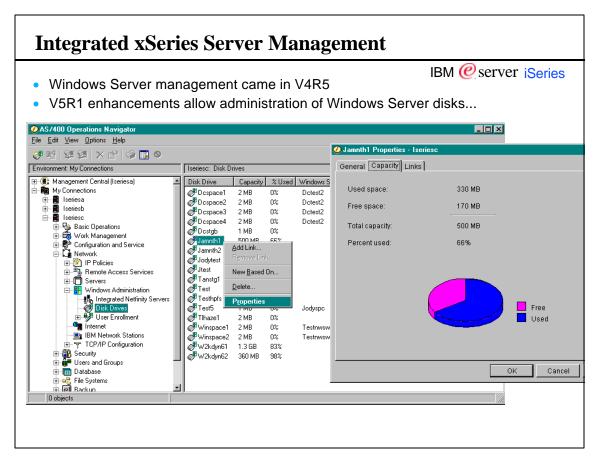
Notes: Message Monitors

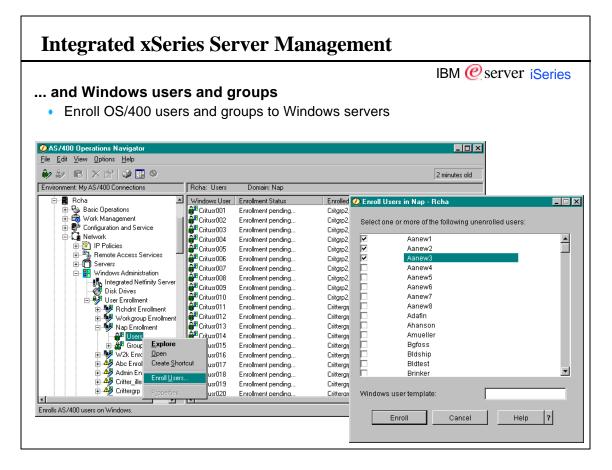
IBM @ server iSeries

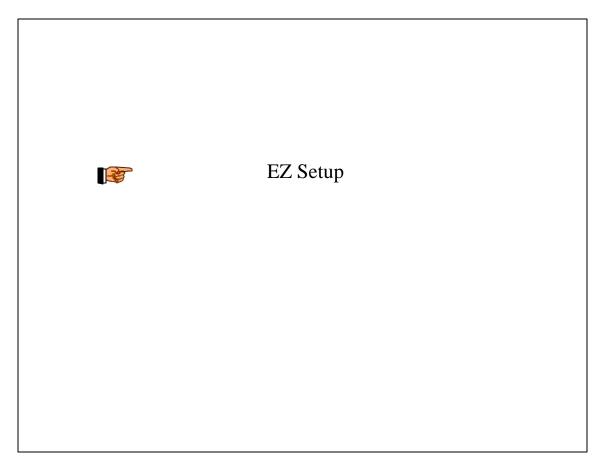
You can create message monitors to monitor for specified messages on a message queue. For example, you might create a message monitor to determine whether an application completed successfully. Or you might create a message monitor to monitor the system operator message queue for a specific message that indicates when a critical storage condition exists. When you create that monitor, you can specify commands to run when the message is detected. In this case, you would want to free up storage space by specifying commands to delete unused objects or spooled files.

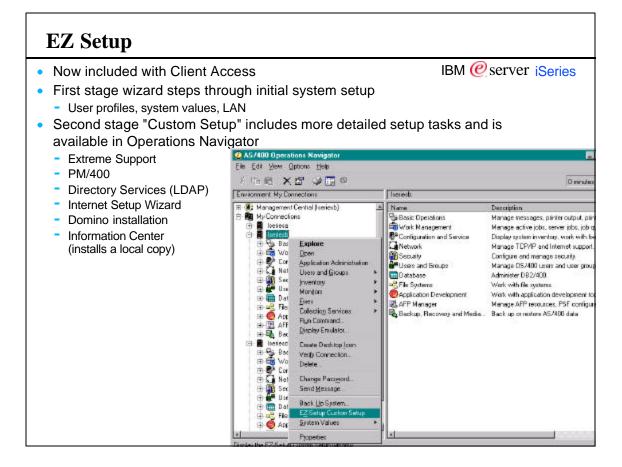
You can also see the details of a message, reply to a message, send a message, delete a message, and see or change the properties of a message.











EZ-Setup Custom Setup		_
2. Custom Setup The basic setup of your server is complete. To continue with the installation and configuration of some optional features, click the buttons below to launch additional setup wizards. You may run the wizards listed below in any combination.	About Internet Setup Wizard The Internet Setup Wizard helps connect your system to the Internet. You can connect to the Internet through a dial-up connection or LAN, and set up your system as a Web and/or application server.	Prerequisites There are no prerequisites for the Internet Setup Wizard. Estimated Completion Time 1 hour
EZ-Setup EZ-	-Setup EZ-Setup	EZ-Setup EZ-
Extreme Support	? EZ-Setup	EZ-Setup
Performance Management/400e		
Directory Services		2.Getup
Internet Setup Wizard		
Information Center	PP PEZ-Setup EZ-Se	
When you have finished running the wizards of your 'Additional Setup" at the right.	(Addi	EZ-Softup itional Setup Tasks
EZ-Setup	EZ-setup EZ-se	wp I-7-set0p

In Summary...

Performance Considerations IBM @ server iSeries If the GUI seems slow ... GUIs come with richer, more integrated function than any command line/green screen - And yes, there's a cost for that additional ease of use Performance improves during the course of a session - More caching, more things loaded in memory • Exceed PC size recommendations provided by Client Access, especially for memory - Use at least a 400-500 mHz CPU, 128 MB memory; more is better - Keep up to date with Client Access service packs Turn off the taskpad It's a helpful way to find key tasks, but if you know where they are on the popup menus, turning off the taskpad will improve GUI performance • Use include/filtering where possible to subset a large list, especially in the File Systems folder If you have multiple things to do and don't want to wait for tasks to complete and have plenty of PC memory: - You can start multiple copies of Operations Navigator and multi-task between them

Use the Help!

IBM @ server iSeries V5R1 adds a tremendous amount of function Couldn't go into much depth on anything in this session · Go to the detailed sessions in your area of interest while at Common • Visit us at the Expo 🚸 AS7400 Operations Navigator - online Help _ = X index When you go home... Welcome to Operations Navigator Welcome to Operations Navigator Version 5 Fielesse 1 Modification level 0 Use the online help and @ What's new? the Information Center What can I do with ... 7 What's new? Check out the new function available in Operations Navigator this release. Check out the Help Ø Which functions are available for each 05/400 release? Topics window to help O Related information on the Internet get oriented (click hierarchy? Here's where you'll find out what you can do and where you need to be in the hierarchy to make it happen. on Help Topics in Which functions are available for each 05/400 release? Depending on the 05/400 release of the AS/400 system you are connected to, a subset of functions may be deplayed in your Operations Havingster instace. See which Operations Newgetor functions are evaled in to each 05/400 release. the OpNav Help pulldown menu) Related information on the Internet Additional information on Operations Navigator and the AS/400 system is available on the Wrenet. Check our the possibilities here Show this Help again when Lopen Operations Navigator.

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experience will vary depending upon con-	siderations such as the amount of multiprogramming in	controlled environment. The actual throughput or performance that any user will n the user's job stream, the I/O configuration, the storage configuration, and the workload out or performance improvements equivalent to the ratios stated here.
Photographs shown are of engineering p	rototypes. Changes may be incorporated in productio	n models.