

Lotus software

IBM



Domino on iSeries

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IBM Software Group

Question

▪ Which system is the most widely adopted platform to run Domino (after Windows)?

- Unix
- Linux
- zSeries
- iSeries

Question

▪ Which system can run Linux, AIX and Windows operating systems?

- Sun
- Intel
- HP
- iSeries

Domino on iSeries

Simplify your

Future

Flexibility!

Simplify your
Infrastructure

Simplify your
Administration

Simplify Your Infrastructure

iSeries Architecture

- Integration
- Subsystems
- Resource Management

Manage your Applications, not your Hardware

Integration

Operating system
Security
Storage management
Backup and recovery
TCP/IP
File and print serving
Web serving

Java virtual machine
OLTP
Error logging and recovery
Performance collection
Job accounting
Relational database (DB2 UDB)
More...

iSeries Hardware and Software - designed and tested together

Compaq ProLiant 8000 Server

11 Boxes

Rack, Side Panels, System Unit (2 more boxes inside), Rack Stabilizing Feet, Disk Drive, Disk Drive, Memory (Box was smashed), Tape, RAID Controller, Blank Panels, Storage Enclosure

6 Deliveries

4 Shipping Companies

2 Components are Missing

Keyboard

Mouse



"Some assembly required"

Has never been tested together

Software is not installed

Reliability starts with what arrives at your doorstep



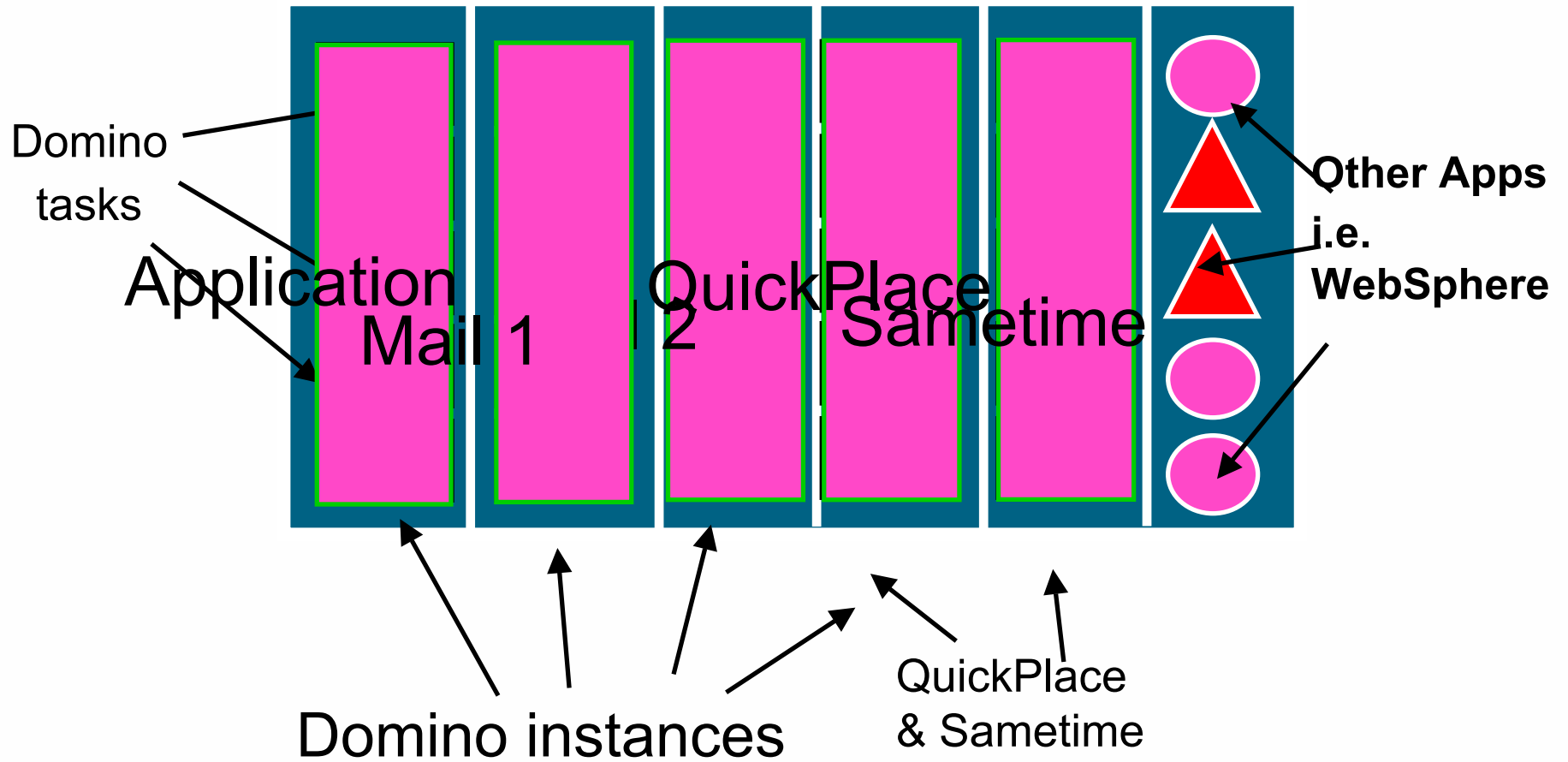
**iSeries
comes out
of the box
looking
like this ...**



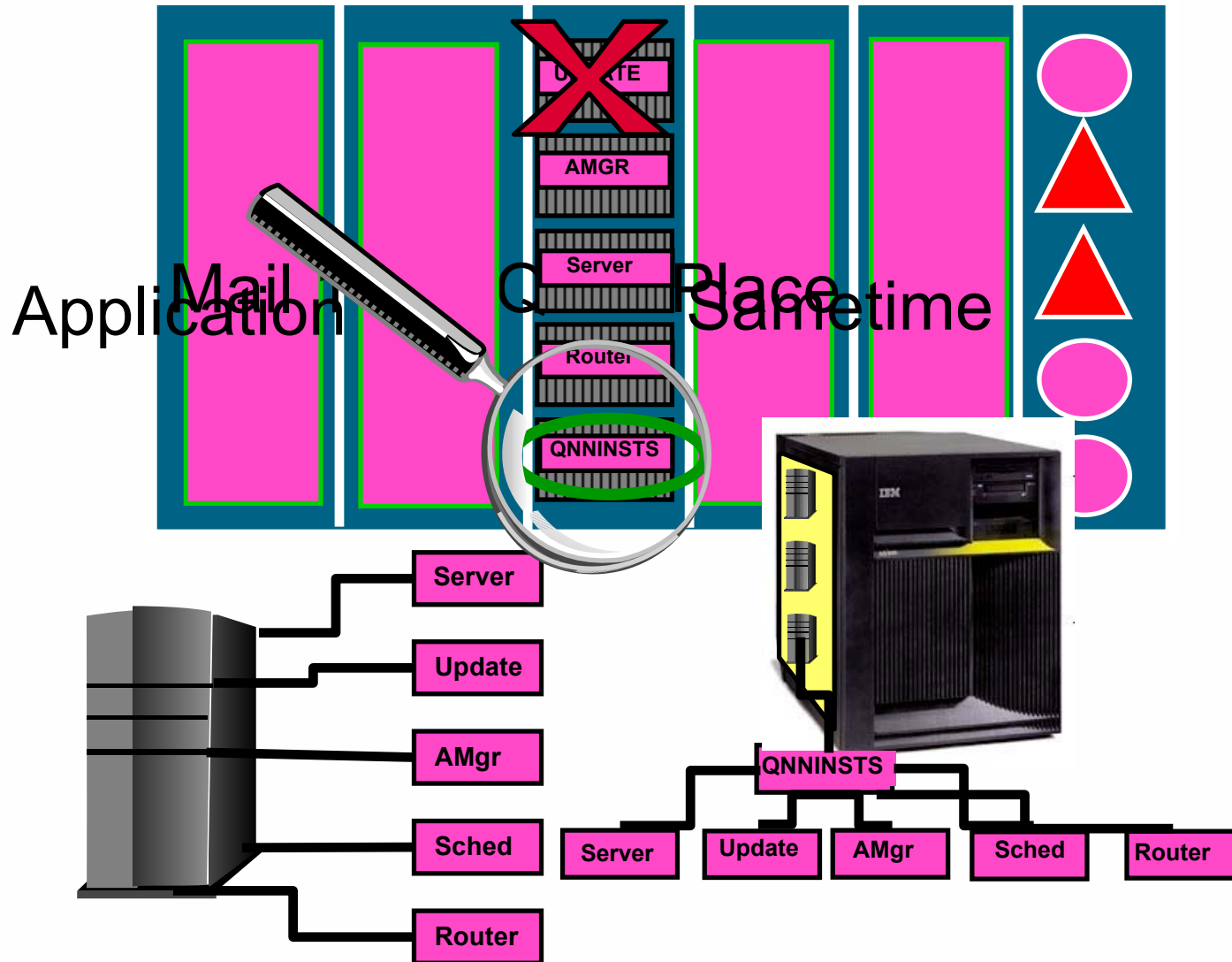
- **Processors**
- **Memory**
- **Disk**
- **LAN Adapters**
- **Tape**
- **Software**

**Assembled, Powered On, Tested for Hours,
Even Preloaded at the IBM Plant**

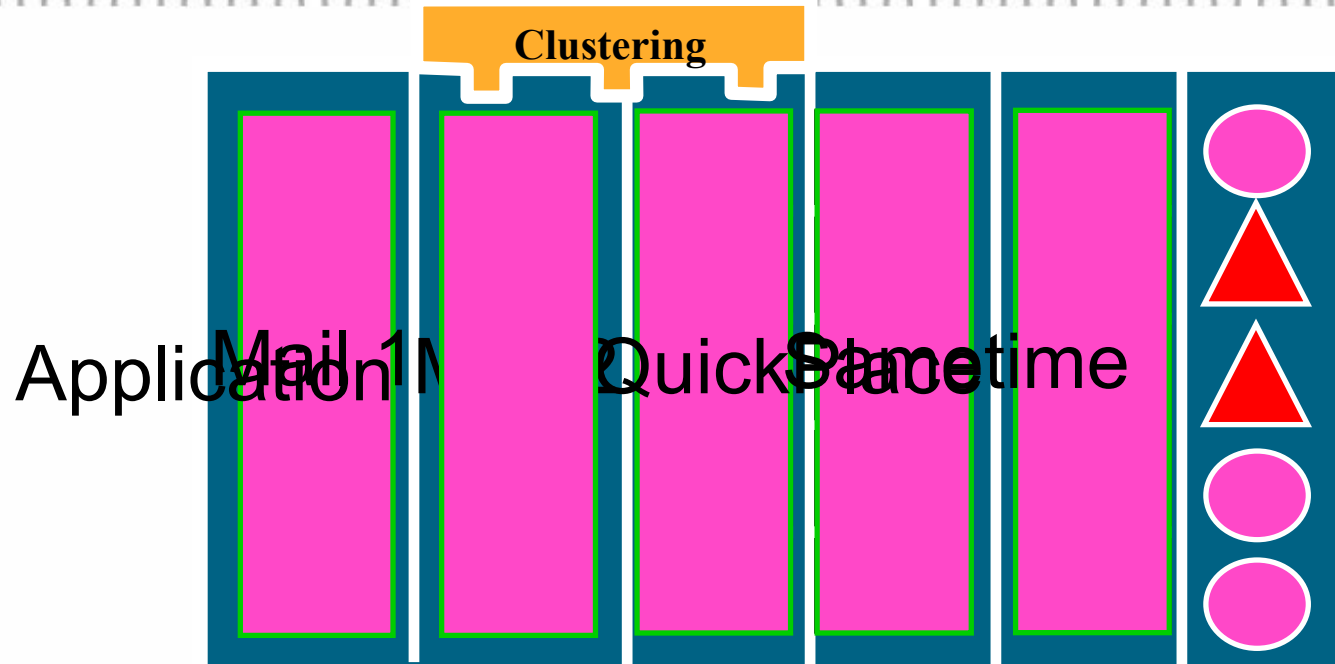
iSeries Subsystems



iSeries Subsystems



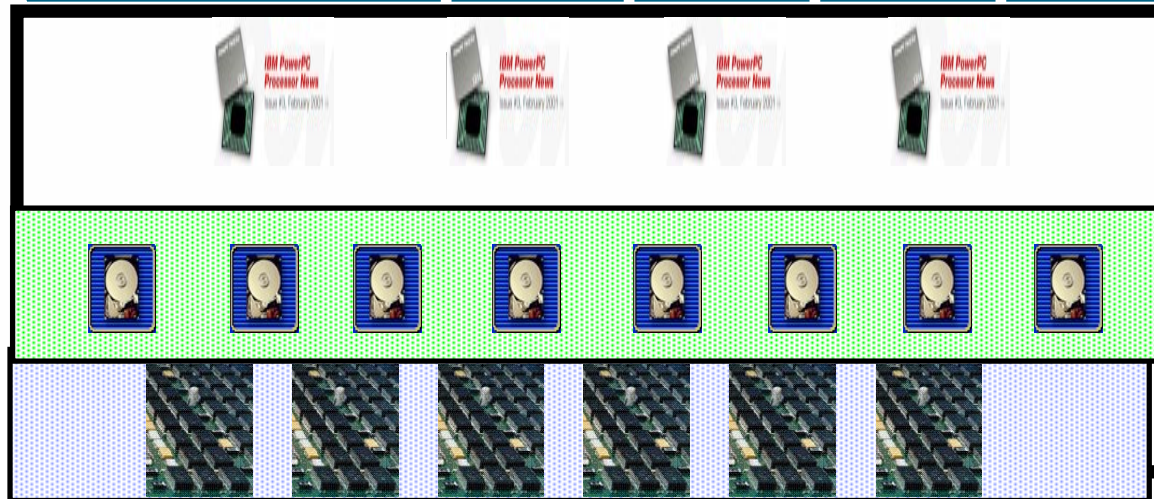
iSeries Resource Management



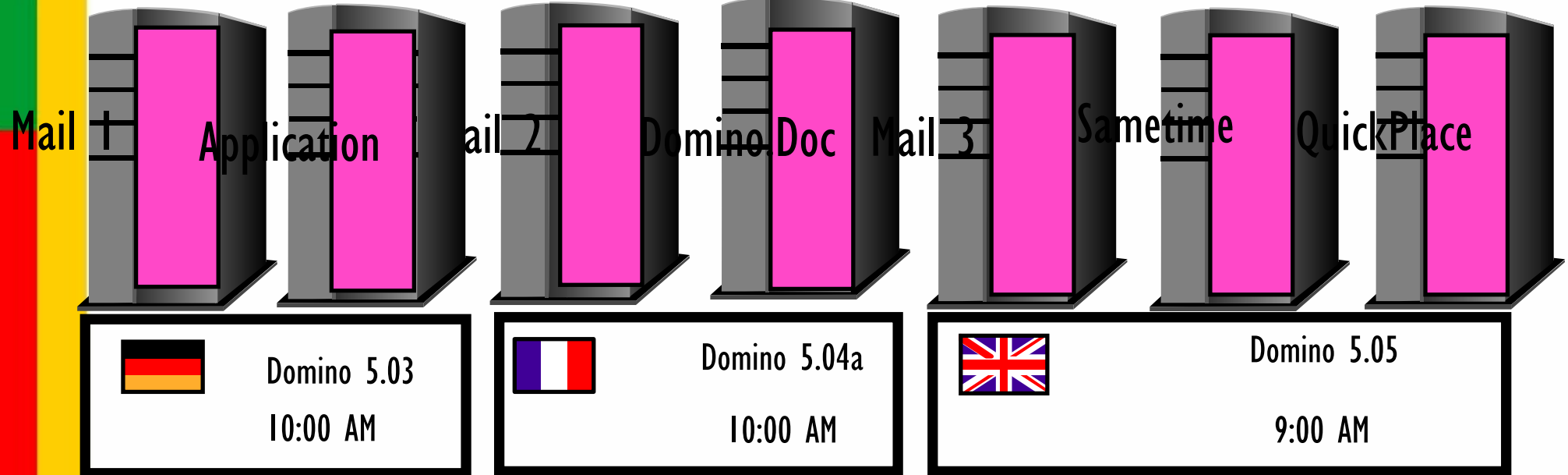
CPU processing
balanced to all
Subsystems

Data load balanced
to disk for efficient
retrieval

M
an
se



Global Enterprise Solutions

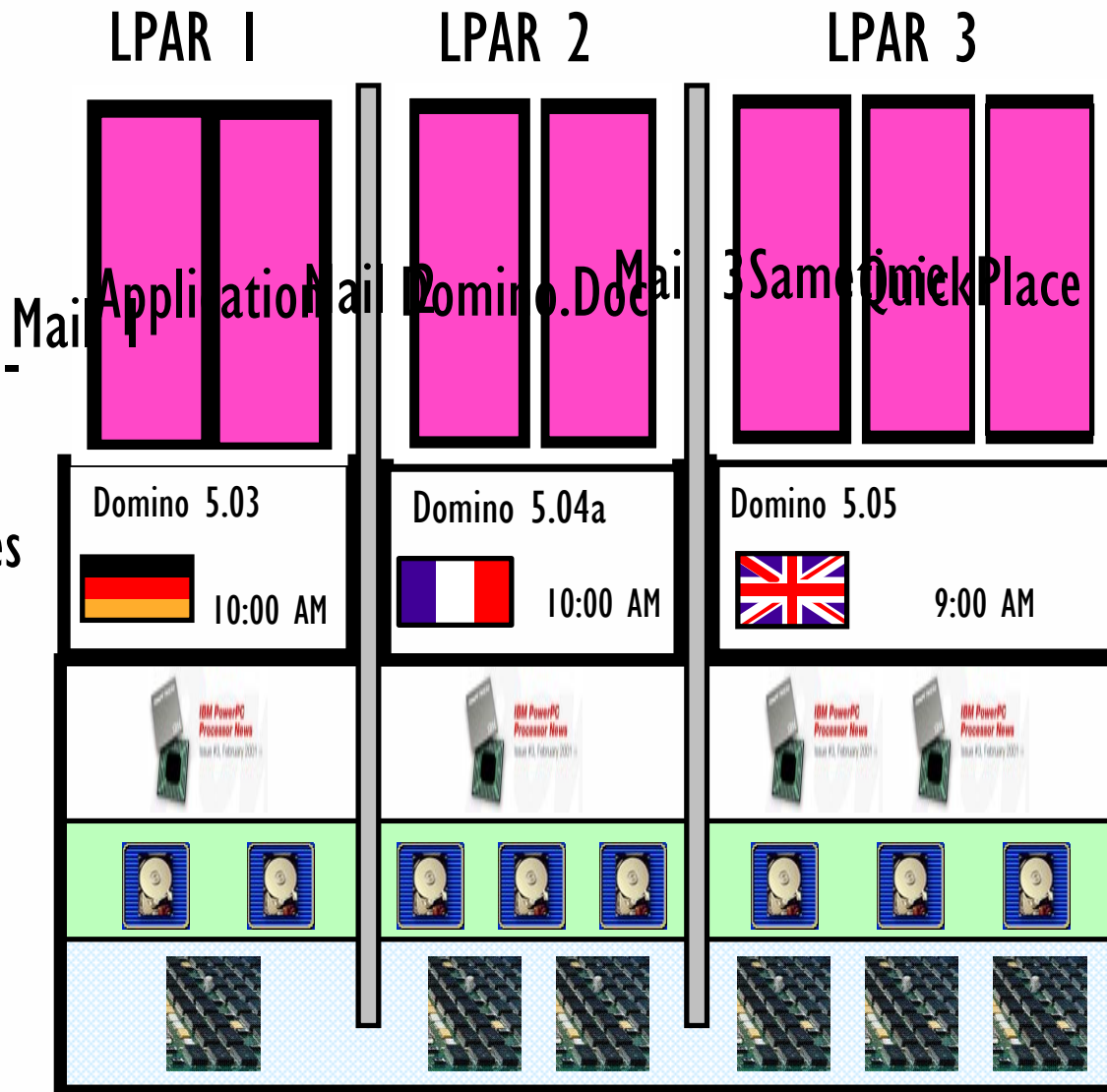


Global companies need to support:

- multiple languages
- multiple Domino releases
- multiple time zones!

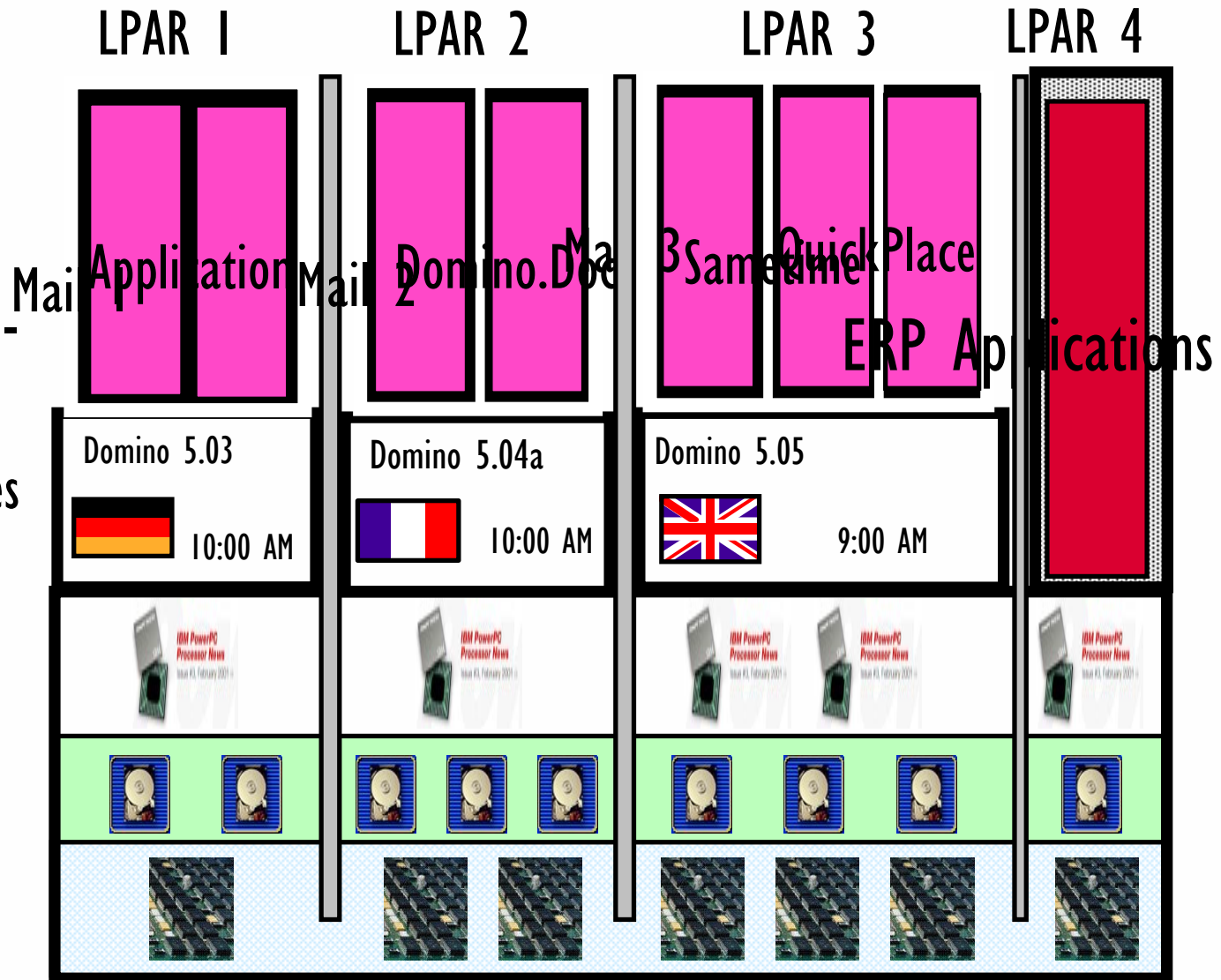
iSeries Logical Partition

LPAR supports: -
multiple languages -
multiple releases
-multiple time zones



iSeries Logical Partition (LPAR)

LPAR supports: -
 multiple languages -
 multiple releases
 -multiple time zones



Simplify Your Infrastructure

iSeries Architecture

- Integration
- Subsystems
- Resource Management

Simplify Your Infrastructure

★ Support mission critical Domino solutions

-
-

Simplify Your Infrastructure

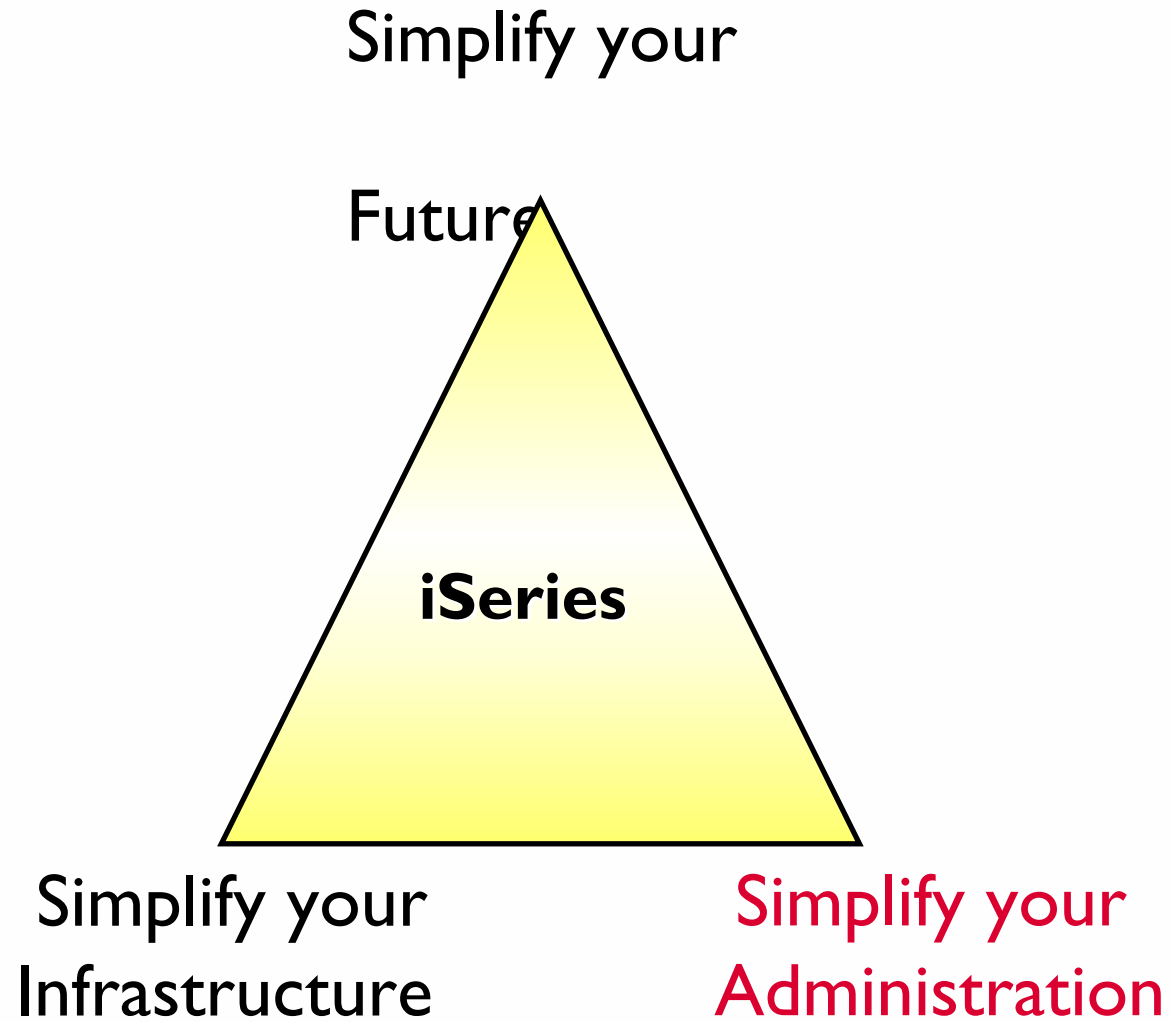
- ★ Support mission critical Domino solutions
- ★ Isolate and manage multiple Domino workloads



Simplify Your Infrastructure

- ★ Support mission critical Domino solutions
- ★ Isolate and manage multiple Domino workloads
- ★ Dynamically manage CPU, memory & disk

Domino on iSeries



Simplify Your Administration

- Operations Navigator
 - NetServer
- Management Central

Integrated Enterprise Management Tools

OS/400 Simplifies Managing Domino for iSeries

• Operations Navigator offers familiar, GUI interfaces for management of:

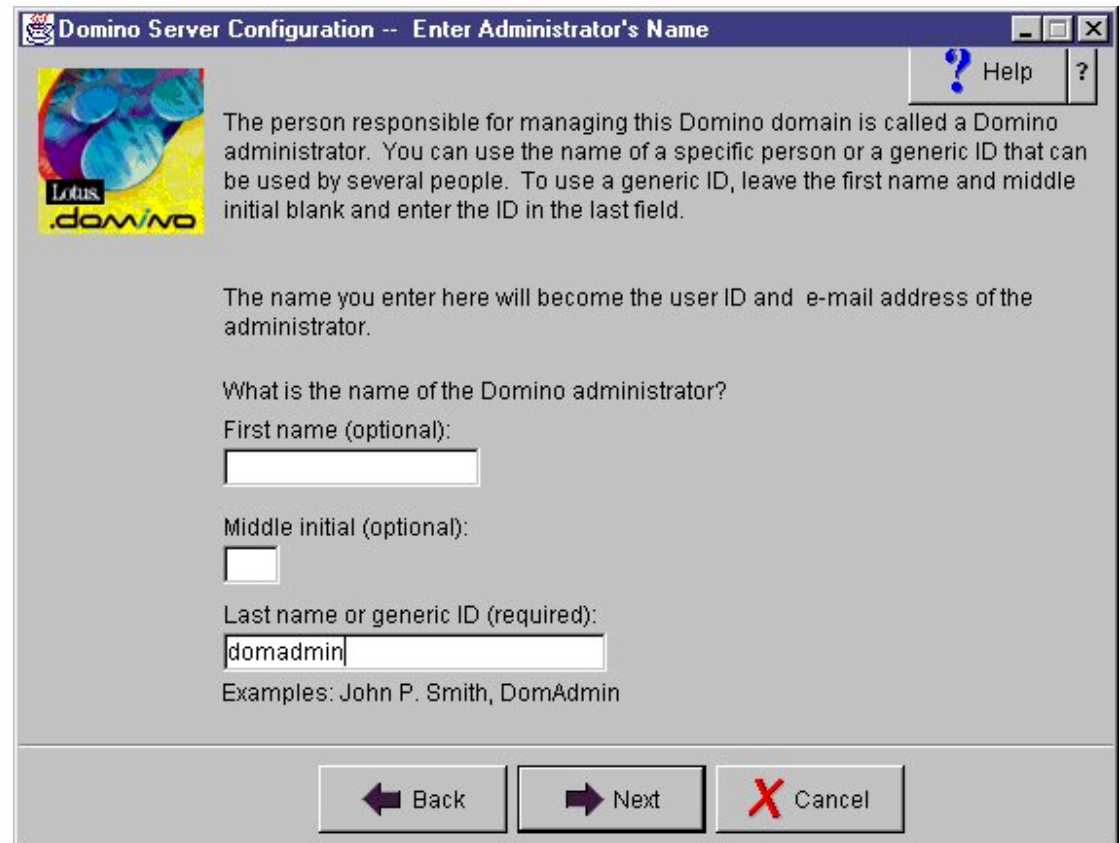
- Jobs
- Messages
- TCP/IP
- Print
- Files
- Security
- Performance
- Backup
- and more...

• NetServer

• Management Central

• EZ-Setup

- Domino Wizard



Domino Server Configuration -- Enter Administrator's Name

The person responsible for managing this Domino domain is called a Domino administrator. You can use the name of a specific person or a generic ID that can be used by several people. To use a generic ID, leave the first name and middle initial blank and enter the ID in the last field.

The name you enter here will become the user ID and e-mail address of the administrator.

What is the name of the Domino administrator?

First name (optional):

Middle initial (optional):

Last name or generic ID (required):

Examples: John P. Smith, DomAdmin

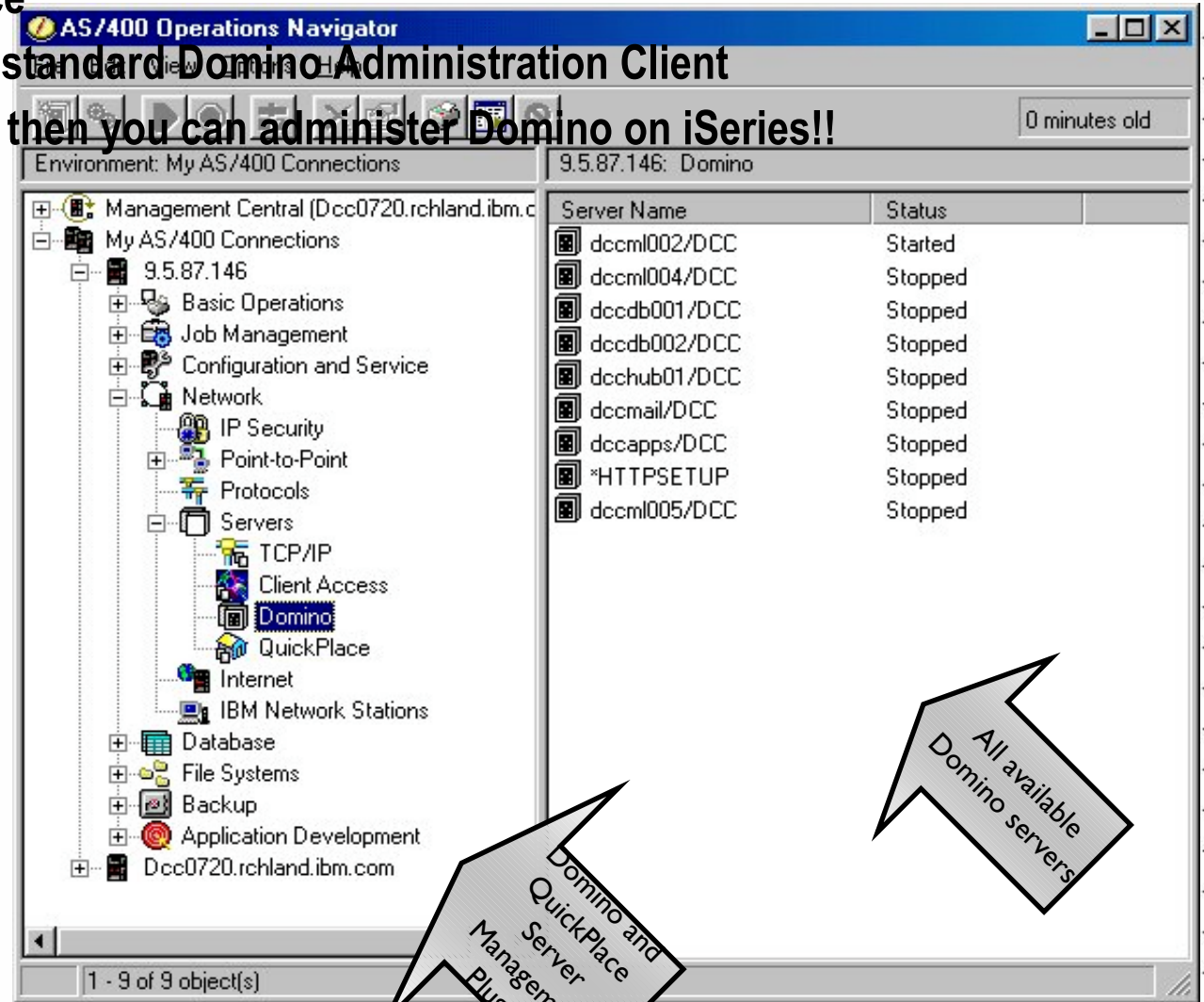
Back Next Cancel

Ease of Administration (Operations Navigator)

- Windows-based interface
- Support staff can reuse standard Domino Administration Client
- If you can use a mouse, then you can administer Domino on iSeries!!



Lotus software



AS/400 Operations Navigator

Environment: My AS/400 Connections

9.5.87.146: Domino

Server Name	Status
dccml002/DCC	Started
dccml004/DCC	Stopped
dccdb001/DCC	Stopped
dccdb002/DCC	Stopped
dcchub01/DCC	Stopped
dccmail/DCC	Stopped
dccapps/DCC	Stopped
*HTTPSETUP	Stopped
dccml005/DCC	Stopped

1 - 9 of 9 object(s)

Domino and QuickPlace Server Management Plug-ins

All available Domino servers

@server



Ease of Administration

The screenshot shows the AS/400 Operations Navigator interface. On the left is a tree view under 'My AS/400 Connections' containing categories like Basic Operations, Job Management, Configuration and Service, Network, IP Security, Point-to-Point, Protocols, Servers, TCP/IP, Client Access, Domino, IBM Network Stations, Internet, Security, Users and Groups, Database, File Systems, Multimedia, Backup, Application Development, and OnDemand Archive. On the right is a table of server details with columns for Name, Status, and Action. A context menu is open over the table, showing options: Start, Stop, Stop Immediately, Server Administration, Delete, and Properties. The 'Properties' option is highlighted.

Name	Status	Action
d27ml015/27/M/IBM	Started and active	Start
d27ml015/27/M/IBM	Started and active	Stop
d27ml015/27/M/IBM	Started and active	Stop Immediately
d27ml106/27/M	tive	Server Administration
d27ml107/27/M	tive	Delete
d27ml104/27/M	tive	Properties
d27hubm4/27/H	tive	
d27bak28/27/H	tive	
d27dbr28/27/A/IBM	Started and active	
d27ml015/27/M/IBM	Started and active	
d27ml101/27/M/IBM	Started and active	
*HTTPSETUP	Stopped	

List of all servers

Management Central

Graphical Administration of Domino

Click here for Demo

Lotus software

NetServer

Operations Navigator

File Edit View Options Help

Environment: My AS/400 Connections

0 minutes old

Notice the share indication which allows the mapping of a network drive via NetServer

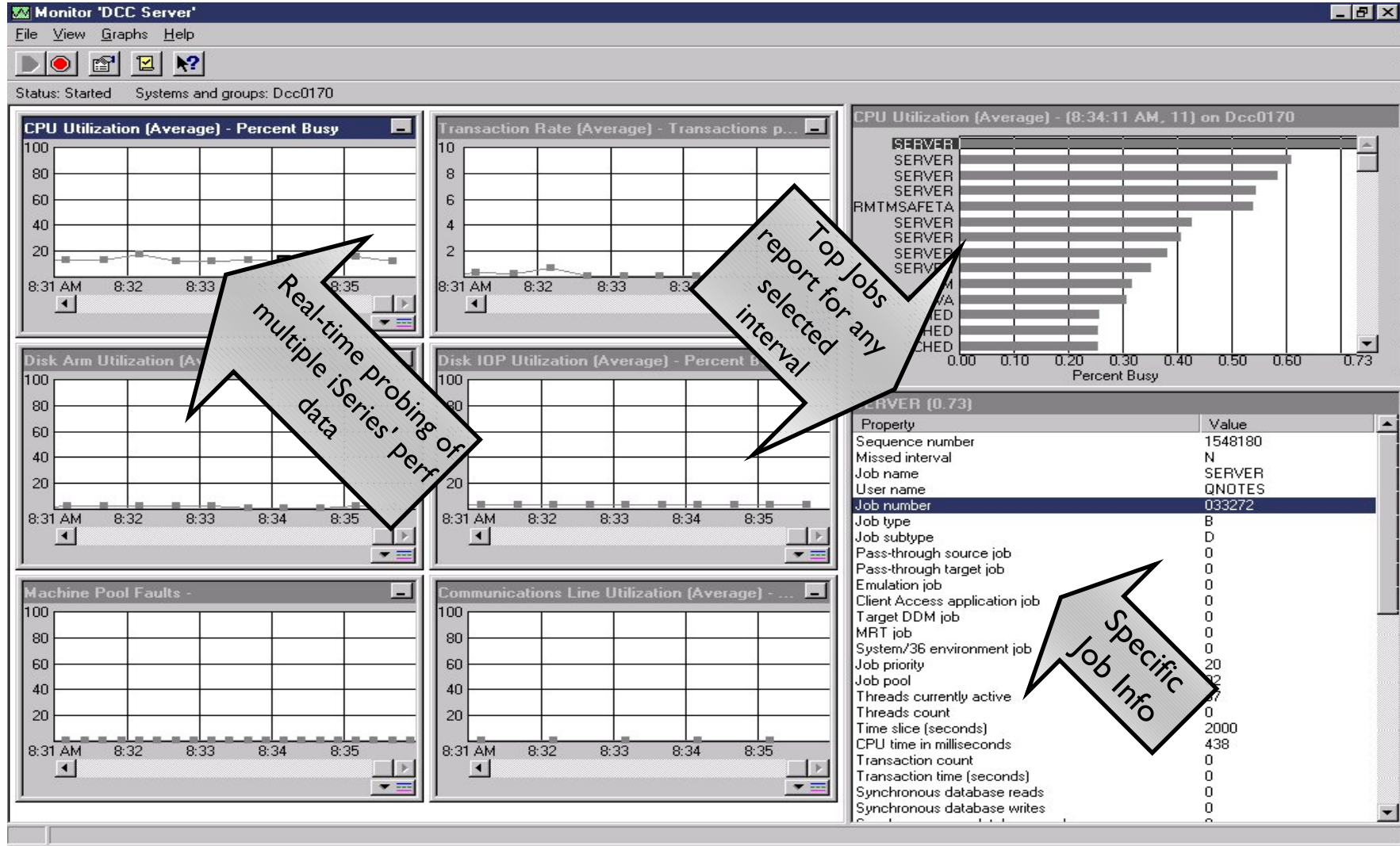
Name	Size	Type
jthompson	6.00MB	
dccctgg.nsf	9.75MB	
admin.nsf	6.75MB	
jcioffi.nsf	7.00MB	
smiedema.nsf	13.00MB	
mmartin.nsf	7.25MB	
jcioffi2.nsf	6.00MB	

With the proper OS/400 authority, can access all of the servers' data directories

1 - 7 of 7 object(s)



Management Central



Operations Navigator

File Edit View Options Help

Environment: My AS/400 Connections 9.5.87.146: Server Jobs Job status: Act

Job name	Subsystem
Ldap	DCCHUB01
Smtpl	DCCHUB01
Qnninsts	DCCHUB01
Server	DCCHUB01
Replica	DCCHUB01
Router	DCCHUB01
Update	DCCHUB01
Stats	DCCHUB01
Amgr	DCCHUB01
Calconn	DCCHUB01
Event	DCCHUB01
Maps	DCCHUB01
Runjava	DCCHUB01
Http	DCCHUB01
Server	DCCML002
Qnninsts	DCCML002
Replica	DCCML002
Router	DCCML002
Update	DCCML002
Stats	DCCML002
Amgr	DCCML002
Adminp	DCCML002
Sched	DCCML002
Event	DCCML002
Cldbdir	DCCML002
Clepl	DCCML002

1 - 33 of 97 object(s)

Server Jobs view can be easily sorted and modified

Can quickly id the correct thread in the appropriate subsystem

Job Properties - 9.5.87.146

Message 1	Message 2	International 1	International 2	Other	
General 1	General 2	Printer Output	Active 1	Active 2	Active 3
Run priority (1 - 99):	45				
Subsystem:	DCCHU				
Subsystem library:	QUSP				
Routing data:					
System pool identifier:	2				
Current system pool identifier:	2				
Current user:	QNOTES				
Special environment:	None				
CPU Time					
CPU maximum:	No maximum				

OK Cancel Help

Very granular job management



Managing Domino Partitions on NT Server

- 4 Domino Partitions
- NT Task Manager lists running processes
- 4 Domino Partitions are running
 - ▶ 4 nserver processes
 - ▶ 4 nreplica processes
 - ▶ 4 nrouter processes
 - ▶ etc.
- Which process is associated with which Domino Partition?
- What are the properties for each process?

Name	PID	CPU	Private Bytes	Mem Usage
nserver.exe	300	00	0:00:20	6972 K
nmap.exe	304	00	0:00:00	2332 K
nched.exe	309	00	0:00:00	2616 K
nreplica.exe	317	00	0:00:00	2376 K
nmap.exe	326	00	0:00:00	2390 K
nrouter.exe	330	00	0:00:00	3024 K
nreplica.exe	334	00	0:00:00	2328 K
nserver.exe	335	00	0:00:00	3660 K
nmap.exe	337	00	0:00:00	5040 K
nserver.exe	339	00	0:00:00	1140 K
nserver.exe	341	00	0:00:00	3740 K
nserver.exe	350	00	0:00:03	6164 K
nmap.exe	364	00	0:00:00	5080 K
rprop3.exe	380	00	0:00:00	4372 K
nserver.exe	381	00	0:00:02	7956 K
TASKMGR.CVE	426	01	0:00:05	1160 K
nserver.exe	437	00	0:00:02	11088 K
nched.exe	475	00	0:00:00	4832 K
nrouter.exe	478	00	0:00:00	5612 K
nreplica.exe	481	00	0:00:00	4836 K
nupdate.exe	483	00	0:00:00	3360 K
nmap.exe	485	00	0:00:01	5864 K
nserver.exe	491	00	0:00:00	5840 K
nserver.exe	492	00	0:00:00	1472 K
nserver.exe	494	00	0:00:18	11940 K
nserver.exe	500	00	0:00:00	4120 K
nserver.exe	501	00	0:00:00	4964 K
rprop3.exe	508	00	0:00:00	6336 K
nserver.exe	534	00	0:00:01	11088 K
nmap.exe	542	00	0:00:01	7868 K
nmap.exe	579	00	0:00:00	6708 K
nrouter.exe	583	00	0:00:00	7248 K
nreplica.exe	587	00	0:00:00	6400 K
nupdate.exe	589	00	0:00:00	6424 K
nserver.exe	594	00	0:00:00	7632 K
nserver.exe	596	00	0:00:00	3248 K
nserver.exe	598	00	0:00:20	15328 K
nched.exe	600	00	0:00:00	6588 K
nmap.exe	609	00	0:00:00	6212 K
rprop3.exe	612	00	0:00:00	6164 K
nmap.exe	619	00	0:00:00	5840 K



Simplify Your Administration

- Operations Navigator
 - NetServer
- Management Central

Simplify Your Administration

★ Familiar, Windows-based Domino Administration

- NetServer
- Management Central

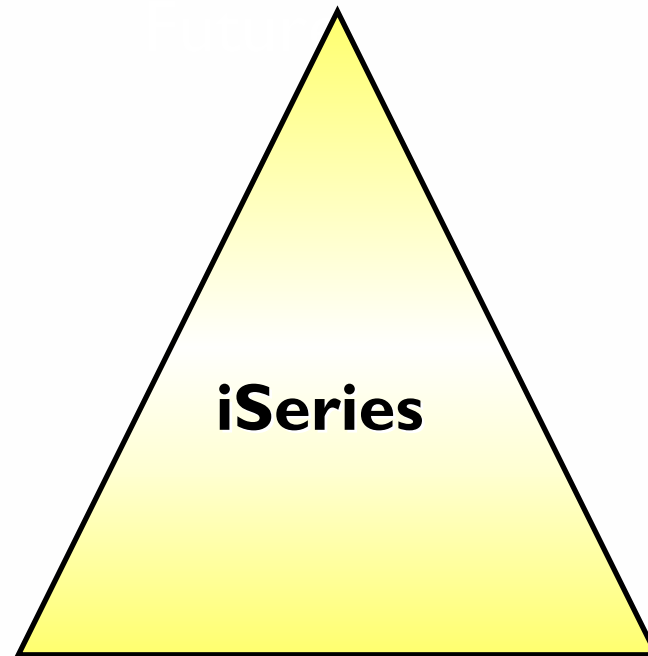
Simplify Your Administration

- ★ Familiar, Windows-based Domino Administration
 - ★ Enable File, Print Serving
 - Management Central

Simplify Your Administration

- ★ Familiar, Windows-based Domino Administration
 - ★ Enable File, Print Serving
- ★ Enhanced monitoring/management of Domino servers

Domino on iSeries

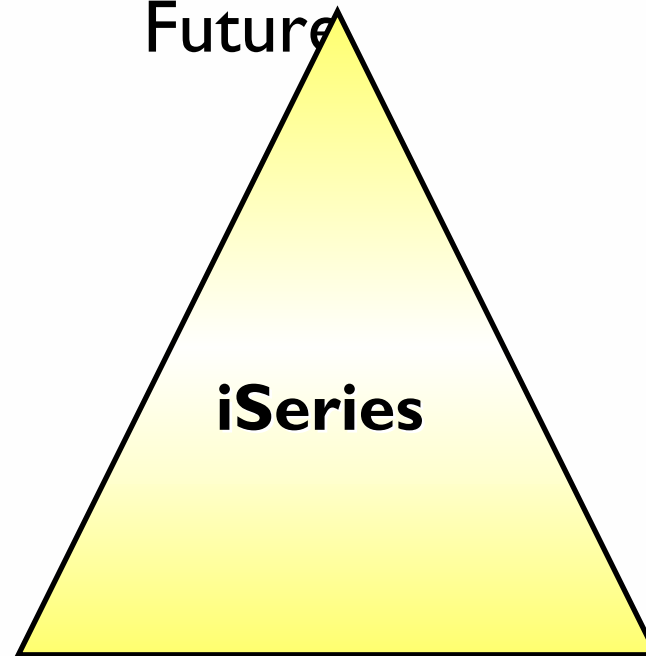


Reliability

Domino on iSeries

Simplify your

Future



iSeries

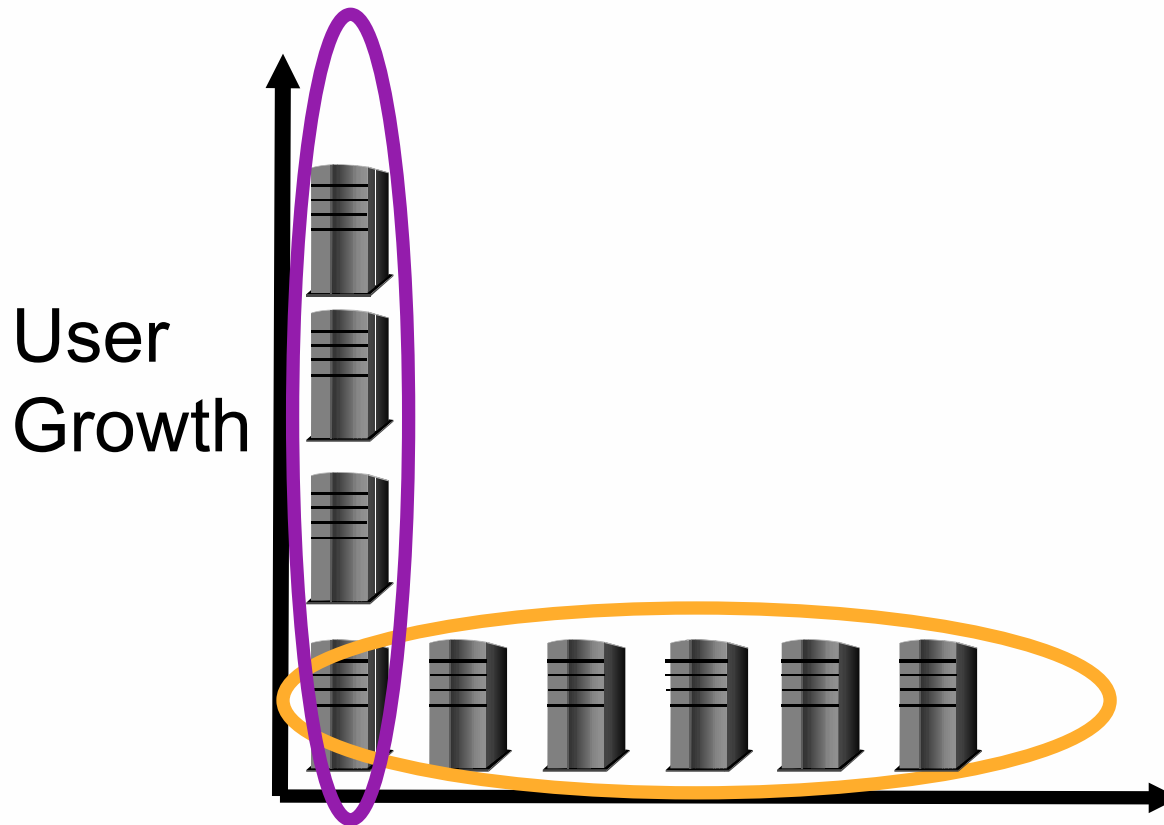
Reliability

Manageability

Simplify Your Future

- Multidimensional Growth
 - Adaptability
- Leverage Your Investment

Growth & Adaptability



iSeries Dedicated Server
for Domino (DSD)

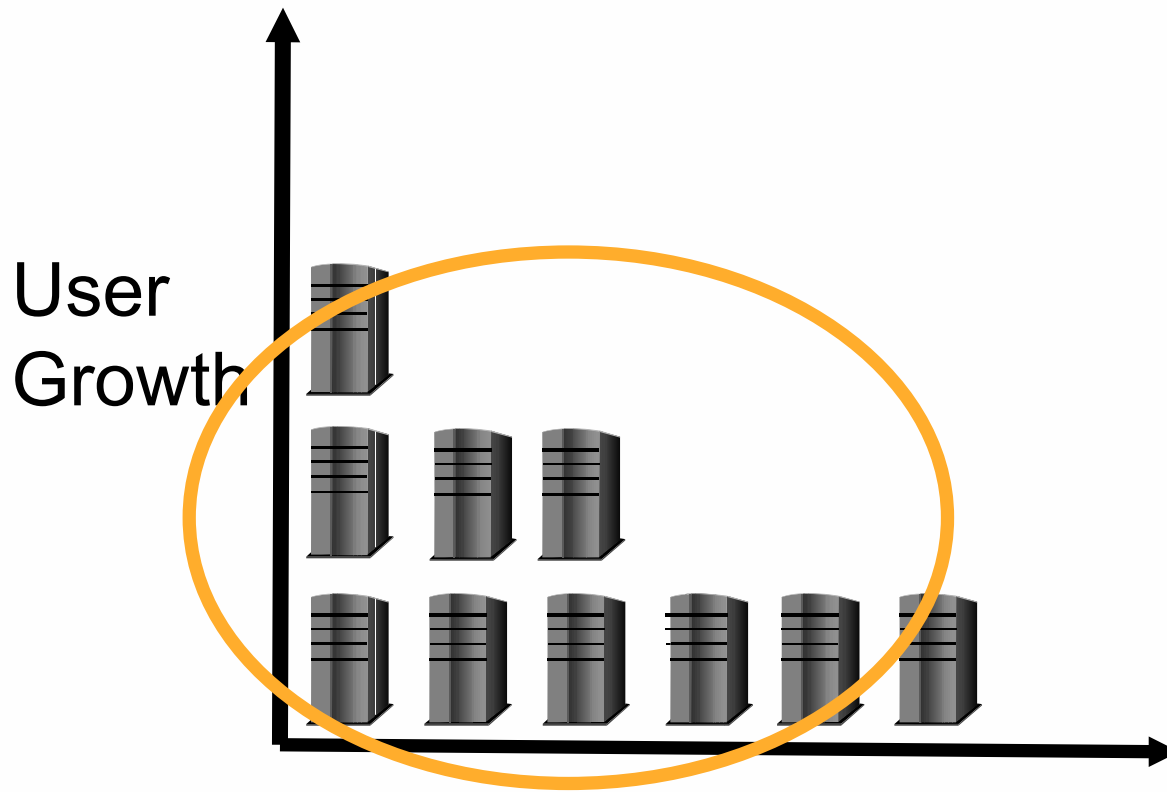


Application
Growth

Mail
Applications
Web Serving
Domino.Doc
Sametime

QuickPlace

Leverage Your Investment



iSeries Model 820

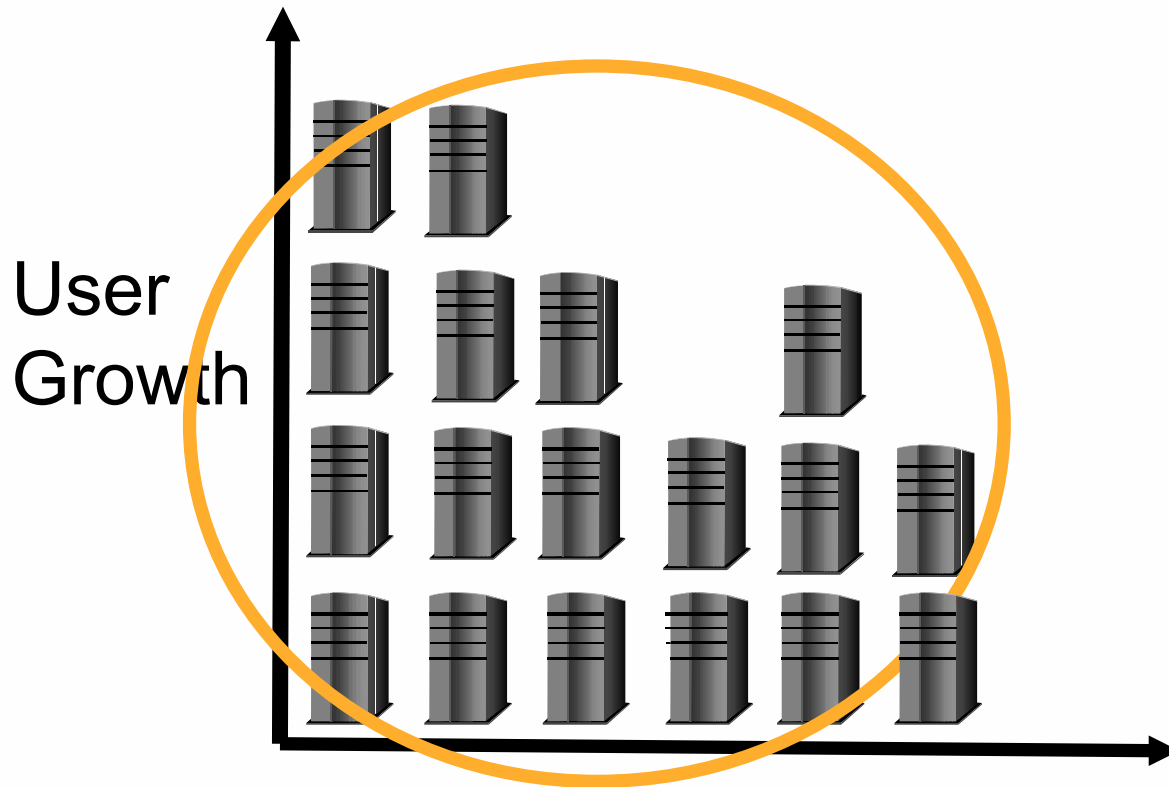


Application
Growth

Mail
Applications
Web Serving
Domino.Doc
Sametime

QuickPlace

Leverage Your Investment



iSeries Model 830

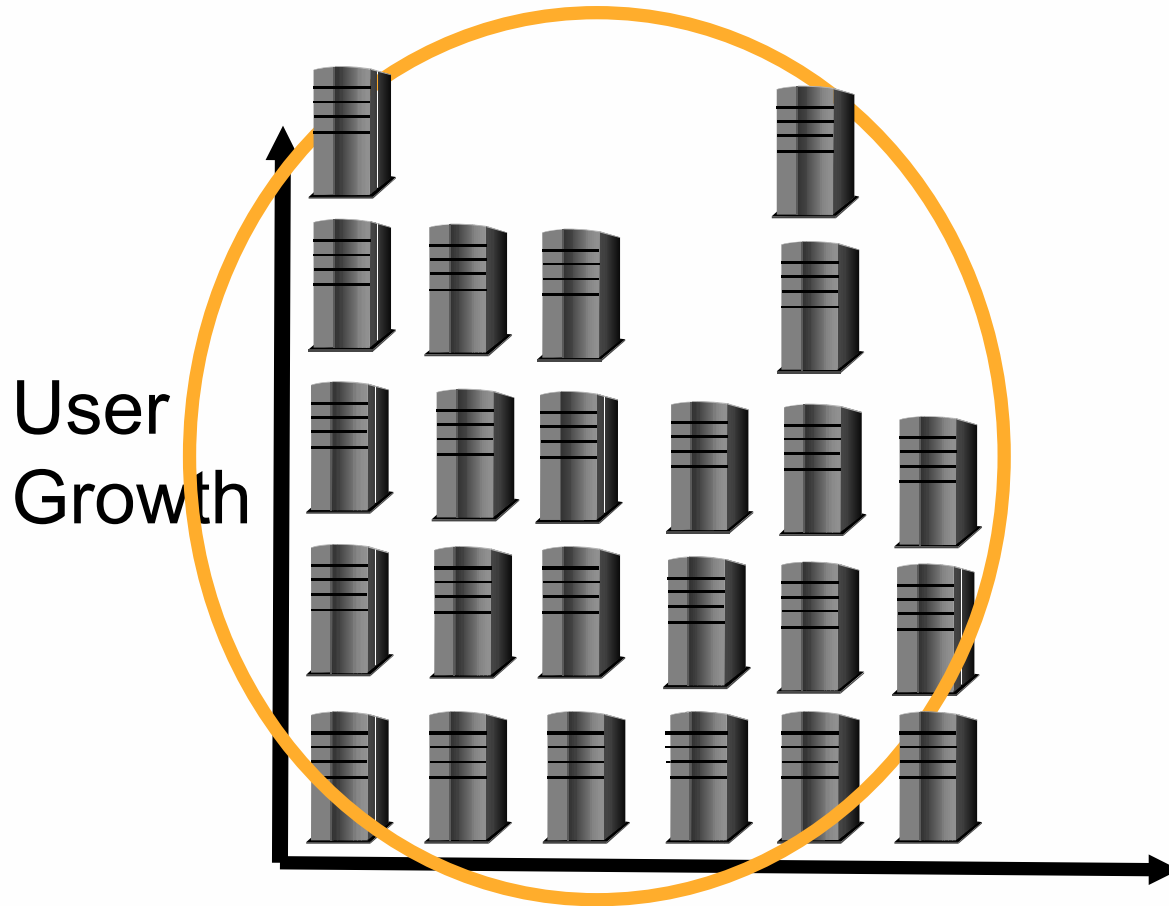


QuickPlace

Application
Growth

Mail
Applications
Web Serving
Domino.Doc
Sametime

Leverage Your Investment



iSeries Model 840



QuickPlace

Application
Growth

Mail
Applications
Web Serving
Domino.Doc
Sametime

Simplify Your Future

- Multidimensional Growth
 - Adaptability
- Leverage Your Investment

Simplify Your Future

- ★ Expand your environment up and/or across
 - Adaptability
 - Leverage Your Investment

Simplify Your Future

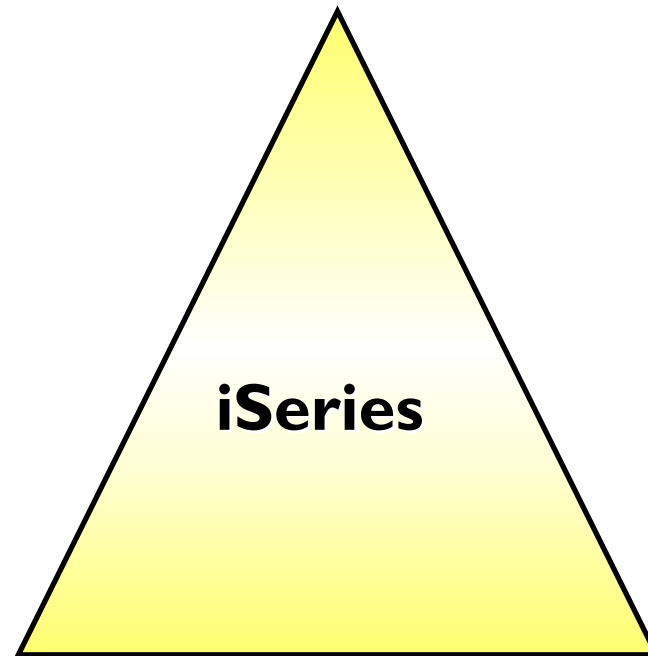
- ★ Expand your environment up and/or across
- ★ Deploy and respond rapidly and easily
 - Leverage Your Investment

Simplify Your Future

- ★ Expand your environment up and/or across
 - ★ Deploy and respond rapidly and easily
- ★ Minimize cost of new technology and change

Domino on iSeries

Scalability



Reliability

Manageability

iSeries Dedicated Server for Domino

A successful product gets better



Expanded Dedicated Server for Domino



- iSeries DSD Model 270
- Uni, 2-way Processor Features
- Up to 16 GB Memory
- Up to 421 GB Disk



- iSeries DSD Model 820
- Uni, 2-way, 4-way Processor Features
- Up to 32 GB Memory
- Up to 4 TB Disk

Domino on iSeries

- Simplify your Infrastructure
- Simplify your Administration
- Simplify your Future

Simplify your Business!



Domino for iSeries

Simplify your Life!

A white sailboat is positioned in the lower right quadrant of the image, sailing on a deep blue sea. In the background, a vibrant rainbow arches across the sky, which is a clear, bright blue. The overall scene conveys a sense of peace and simplicity.

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iSeries

OS/400

BRMS



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Lotus software

@server

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