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'iSeries: Selling Domino 6 and Lotus Products in 2003

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Agenda

- Opportunity Areas for Domino for iSeries
- New iSeries for Domino Announcements
- What's new for Notes and Domino 6
- iSeries specifics for Domino 6
- What's new with Sametime
- What new with QuickPlace
- iSeries Value Proposition
- Opportunity Gameplans
- Questions and Answers
- Appendix Resources

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Opportunity Areas for Domino for iSeries



- Moving customers to ND6 who are on earlier versions of Domino and adding additional Lotus workloads
- Consolidating competitively installed Domino servers farms to iSeries
- Migrating competitively installed messaging customers to Domino
- Installing Sametime or QuickPlace (without messaging) into competitively installed accounts

SKILLS NEEDED

- Feature/Benefit highlights of what is new in Notes and Domino 6
- Basic knowledge of how these products play today on iSeries
- Conceptual understanding of product licensing and pricing / Partnering with Lotus
- Understanding of the features and benefits of Sametime and QuickPlace

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New iSeries for Domino Announcements



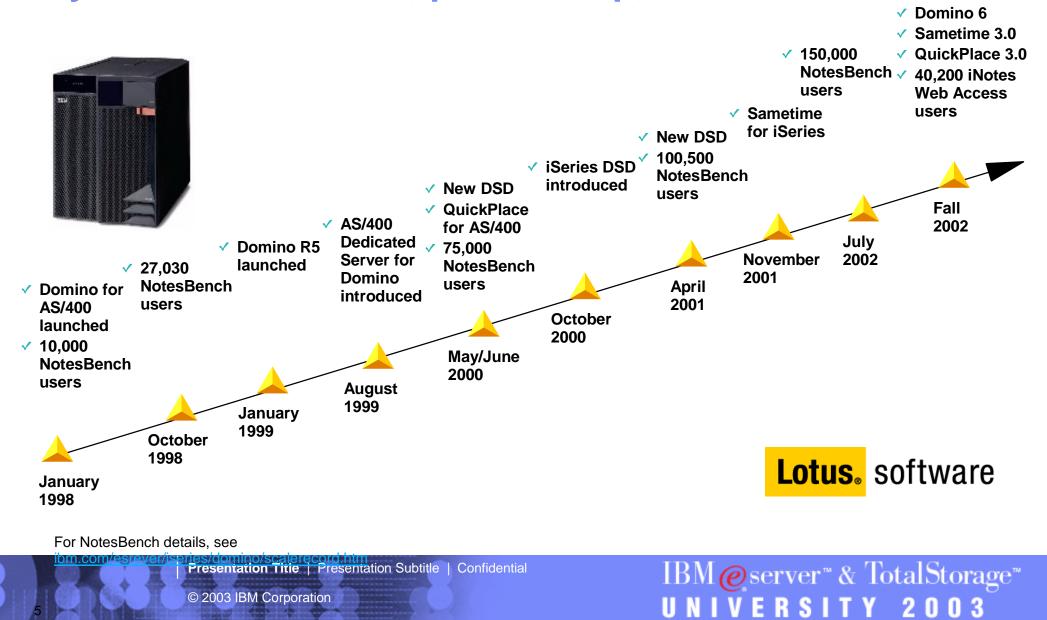
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iSeries & Lotus: 5 years of dedication, partnership, success



Two New NotesBench Records for iSeries!

Benefit: iSeries commitment to Lotus

Two New scalability records:

Notes: 150,000 R5 Mail & Calendar users with Notes clients

- and also! -

iNotes: 40,200 iNotes Web Access clients and Domino 6 server

NotesBench Benchmark Official Audit

iSeries 32-way i890 Server DSD Plus was used for both of the benchmark records

High-end DSDs for server consolidation

DSDplus i890 -- configured for Notes clients RPQ 847163

DSDplus i890 -- configured for browser clients (iNotes) RPQ 847164



NotesBench Consortium

Rank	Vendor	Server	# of CPUs	R5 Mail Users	Resp time (sec)
1	IBM	iSeries 890	32	150,000	0.272
2	IBM	pSeries 680	24	108,000	0.584
3	IBM	iSeries 840	24	100,500	0.067
4	IBM	iSeries 840	24	75,0000	0.267
5	IBM	RS/6000 S80	24	57,600	2.144
6	IBM	RS/6000 M80	8	28,032	1.424
7	SUN	Sunfire 4800	12	28,000	.175
8	Compa q	Compaq Proliant 8500	8	16,000	.316

Rank	Vendor	Server	# of CPUs	iNotes Web Access	Resp time (sec)
1	IBM	iSeries 890	32	40,200	0.074
2	SUN	SunFire V880	8	7,500	0.162
3	IBM	xSeries 360	4	6,750	1.502
4	SUN	SunFire V880	8	6,200	0.137
5	IBM	pSeries 620 Model 6F1	6	5,000	0.162

Source: http://www.notesbench.org

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2003: iSeries & Lotus dedicated to the future

iSeries for Domino



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Lotus. software

- Sametime & QuickPlace licenses each with 100 client CALS are included with Enterprise Package on i825, i870, i890
- Sametime integration with iSeries Navigator



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iSeries for Domino: 5 offerings, configured and priced for Domino workloads

i810



1-way

- 3100 Mail-calendar users**
- Approximately \$30K (US)
- Price includes:
 - 1.5 GB memory
 - ▶ 105 GB disk
- Built-in 9% discount

1-way

- 4200 Mail-calendar users**
- Approximately \$52K (US)
- Price includes:
 - 3.5 GB memory
 - ► 315 GB disk
- Built-in 12% discount

2-way

- 7900 Mail-calendar users**
- Approximately \$100K (US)
- Price includes:
 - ► 5.6 GB memory
 - ► 525 GB disk
- Built-in 9% discount

http://www.ibm.com/eserver/iseries/domino/is4domino.html

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4-way

- 11,600 Mail-calendar users**
- Approximately \$195K (US)
- Price includes:
 - ► 7.2 GB memory
 - ► 560 GB disk
 - OS/400® & POD activations
- Built-in 21% discount

6-way

- 17,400 Mail-calendar users**
- Approximately \$354K (US)
- Price includes:
 - ► 11.3 GB memory
 - ▶ 945 GB disk
 - OS/400 & POD activitations
- Built-in 17% discount

Note: These performance numbers can not be achieved using the minimum configurations described above - additional hardware features are required

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i825

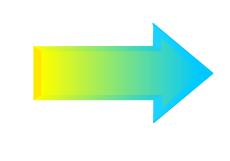




iSeries for Domino: DSD plus much more ...

DSD

TM		



iSeries for



- Discount on processor
- Runs Java & WebSphere® with Domino
- Interactive limits
- Database limits
- Restricted upgrades

- Discount on solution (processor, memory, disk)
- Runs Java, WebSphere, and Web-faced 5250 OLTP applications even when Domino is not active
- No database limits
- Upgrade to Enterprise Package available (including 5250 CPW)
- ✓ CUoD available on 4-way
- Unrestricted upgrades available for i825

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iSeries for Domino: Dedicated to serving Lotus customers

- iSeries for Domino packages include memory and disk appropriate for Domino workloads
- To purchase iSeries for Domino, a customer <u>must</u> either purchase concurrently or already own Lotus software appropriate for the configuration

iSeries for Domino	Domino server licenses required	Notes or iNotes client licenses required
810 1-way (both configs)	1 server license	100 clients
810 2-way	2 server licenses	400 clients
825 4-way	4 server licenses	700 clients
825 6-way	6 server licenses	700 clients

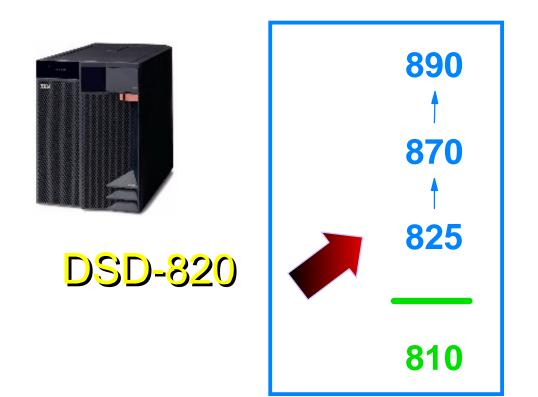
For details on purchase requirements, see_ http://www.ibm.com/eserver/iseries/domino/is4domino.html

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Upgrade options for DSD and iSeries for Domino



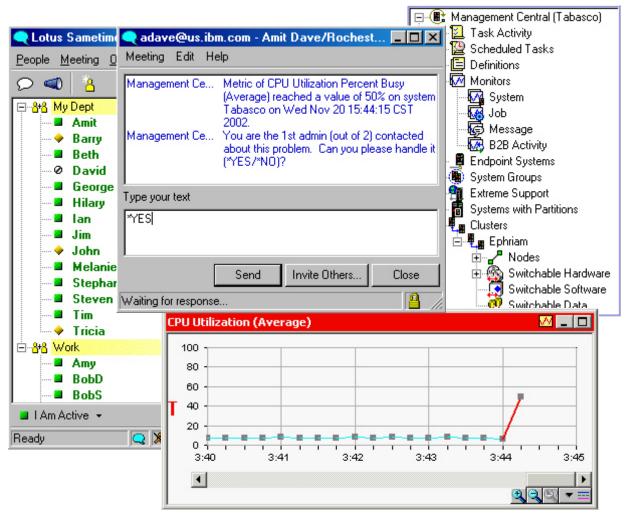
- iSeries for Domino customers can purchase upgrades
 - 825 ==> 870
 - 825 ==> 890
 - Standard to Enterprise Package
 - Standby processors can by activated on 825 4-way
- iSeries for Domino customers can order additional memory and disk

Normal prices apply

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Autonomic: Sametime and iSeries Navigator



- Integrates OS/400 monitoring with Sametime instant messaging
- Improves operator productivity with instant message response to system events
- Assures response with automatic event delegation through hierarchy of designated operators

IBM plans to make this available via Alphaworks on the Web

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Move2Lotus™ for IBM eServer™: Extra Incentive

CEO Product Category	Bundle contents	Discount level 1*	Discount level 2**
Move2Lotus IBM Complete Enterprise Option (CEO) Product Category	CEO Communications + Sametime (per user); 250 user minimum	27%	40%
Move2Lotus IBM Enhanced CEO Product Category	CEO Communications + CEO Advanced Collaboration (Sametime + QuickPlace per user); 250 user minimum	27%	40%
Passport Advantage Product name			
Move2Lotus Domino w/ iNotes Collaboration Solution	Domino Application Server + 100 iNotes Collaboration licenses.	27%	40%
Move2Lotus Domino w/ Notes Collaboration Solution	Domino Application Server + 100 Notes Collaboration licenses.	27%	40%

^{*} 27% discount for customer already using eServer for their messaging infrastructure. **Requires purchase of new** eServer in calendar year (xSeries™, pSeries™ or iSeries).

** Deeper discount for customer moving from a qualifying competitive messaging infrastructure and a non-eServer messaging server - Requires purchase of new eServer in calendar year (xSeries. pSeries or iSeries). Requires special bid for this discount level.

http://www.ibm.com/servers/solutions/collaboration/move2lotus

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Announcement Summary

- 2003 continues the strong partnership between Lotus and iSeries
- 5 new iSeries for Domino configurations ==> DSD plus more
 - Processor + disk + memory
 - Run Domino + Java + WebSphere + DB2 + Webfaced OLTP
 - Upgrade support
- Sametime and QuickPlace included with iSeries Enterprise Package
- Sametime and iSeries Navigator
 - Sametime application integration in action
- Move2Lotus for IBM eServer: Lotus discount for new customers





What's New in ND6

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Domino and Notes (ND6) TCO - Doing More With LESS!

For end users

Improved ease-of-use and productivity enhancements

For administrators

- Dramatically increased control of the infrastructure
- Less time to accomplish tasks

For decision-makers

- Savings in bandwidth
- Reduced disk storage
- Increased availability
- Improved security

For developers

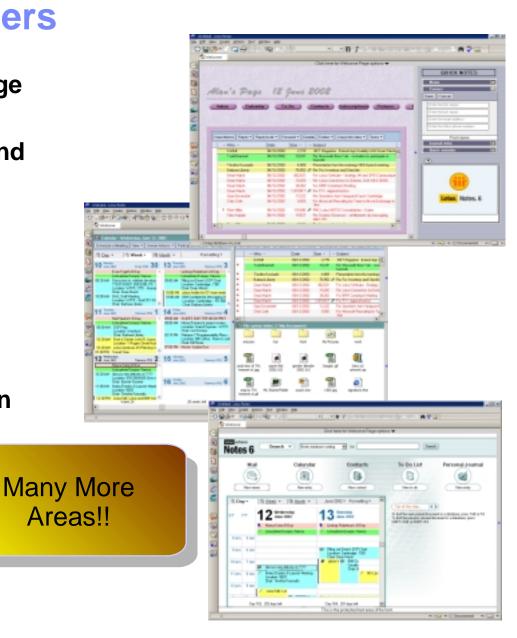
- Rapid application development
- Open standards, code reuse, data integration



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End User Productivity Boosters

- Color coded inbox to more easily manage and prioritize correspondence
- Mail rules and Swift File to streamline and automate processes
- Unread in folder for organizing content
- Attachment handling (edit in place)
- Enhanced Calendaring & Scheduling:
 - Integration with Sametime
 - Drag & Drop Calendar entries
- Quick Notes for rapid document creation
- Drag and drop between desktop
- Copy view as table
- Background processing
- Enhanced and simplified replication



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Admired By Administrators

Smart Upgrade

Drive down the cost of Notes client deployment

Multi-User Workstation Support

 Enables multiple users to access Notes on a shared PC (Windows specific)

Roaming User Support

 Enables a user to have their Notes information follow them no matter what PC they are using (all client platforms)

Policy Administration

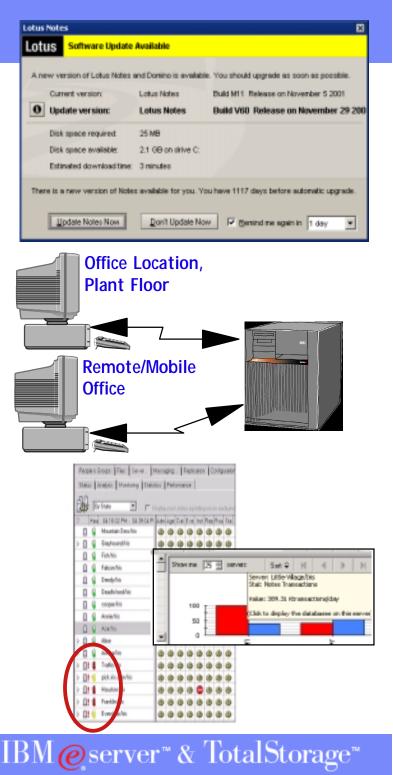
Tailor user settings to suit any subset of an organization

Transaction logging improvements

- Tivoli Analyzer (Server Health Monitor and Trend Analysis)
 - Monitors, analyzes, and provides proactive notification of problem areas
 - Increase the number of servers an administrator can support

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Many More Areas!!



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Compelling to Corporate

Streaming replication and attachments

- Decrease replication time by 25%
- Users who replicate mail can start working before replication completes

Network compression

- 25% or higher saving of network bandwidth for uncompressed data
- Faster response time when opening mail on server
- Easy to implement

Anti-Spam Support

- Intercept and take action on mail from Blacklisted servers
 - New redbook: Lotus Domino 6 Spam Survival Guide for IBM eServer (SG24-6930)

Multiple language servers

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Concurrently on a single Domino 6 partition

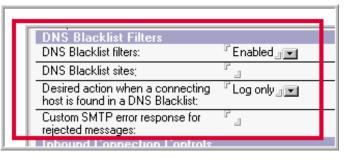
Many More Areas!!

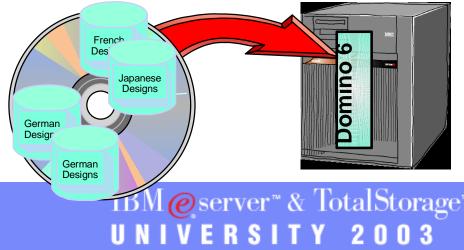
tial

	Communication ports
	✓ TCPIP New SPX ■ LAN0 ■ LAN1 ■ LAN2 ■ LAN3 ▼ Selected port ● Driver: TCP ✓ ✓ Port enabled Encrupt network data ●
\subseteq	Compress network data
	TCPIP Options OK Cancel

2 X

Port Setup for Tunbridge/Acme



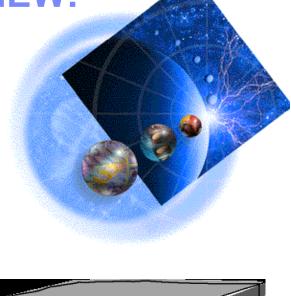


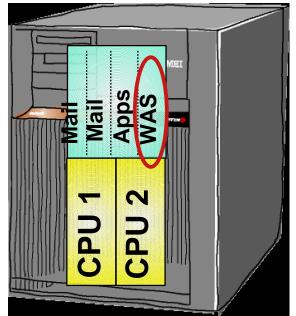
WebSphere is Bundled with Domino 6 - NEW!

- IBM WebSphere entitlement for purchasers of Domino Enterprise Server or Domino Utility Server
- IBM is including a limited license for WebSphere Application Server for use with Domino applications, to enable the use of
 - Servlets
 - Java Server Pages (JSPs)
 - Web services
- The WebSphere code will automatically be available to Domino purchasers from their personalized Passport Advantage site
- Special license terms require WebSphere to be used on the same physical machine as Domino, accessing Domino objects and data (no Java connector or external data access permitted)

Benefit - This promotes Lotus' NextGen movement to http://www.lotus.com/passport extend Domino applications into J2EE

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Changes in Passport Packaging & Per-Processor Pricing

Before 0 [°]	1/10/2003	After 01/1	0/2003
Mail Server	 \$894, 1-4 CPUs Mail/C&S 1 CAL/User 	Messaging Server	\$894 per CPU Mail/C&S/ Partitioning 1 CAL/User
Application Server	 \$2,308, 1-4 CPUs Mail/C&S Applications 1 CAL/User 	Enterprise Server	 \$2,308 per CPU Mail/C&S/ Partitioning Applications 1 CAL/User
Enterprise Server	 \$6,423, 5-8 CPUs Mail/C&S Applications 1 CAL/User Clustering 	Utility Server	Clustering S11,750 per CPU Applications/ Partitioning O CAL/User
Advanced Enterprise Server	 \$25,713, 9+ CPUs Mail/C&S Applications 1 CAL/User Clustering 		Clustering

All prices Passport LVP Level A + NIM - Subject to change

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Domino Utility Server - NEW!

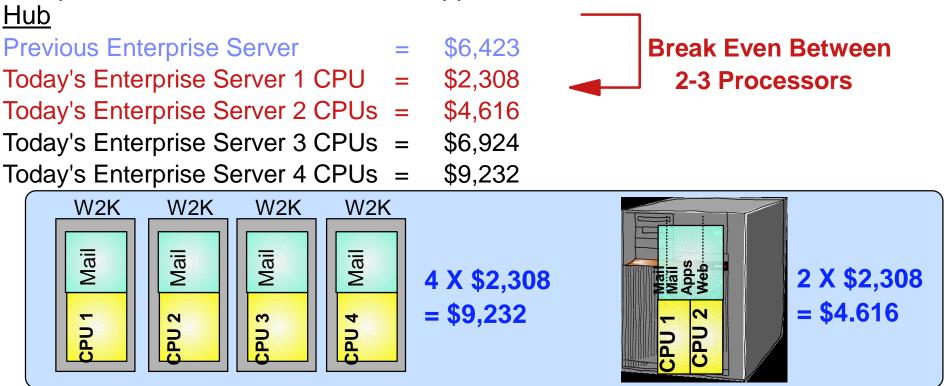
- Allows access to Domino-based applications when mail is not required
 - Use of Domino Mail not allowed
 - Full application support, including partitioning and clustering
 - WebSphere bundle is included
- Customers using Domino applications don't need to purchase or track client licenses
 - Unlimited number of users either internal or external
 - Authenticated users or anonymous users
 - Notes/browser access
 - Does not include Notes client software
 - No charge for access, but the client still sold separately
 - No Notes discount because you don't exploit embedded CAL
- Announced with Domino 6 but applies to Domino R5 as well
- Benefit This enables a cost effective entry point into a non-Domino account. Also makes integration by ISVs easier to order/manage

Roll Out
✓ CRM
✓ SFA
✓ Commerce, etc
with the Utility Serve



The Sweet Spot - Enterprise Server with 1-2 Processors

Multiple Partitions/Workloads - Mail, Applications, HTTP,



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Remember....

- Currently no subcapacity pricing for Domino
- Customers must purchase Domino for all CPU processors on the server
- Use LPAR and Special Bid pricing where appropriate
- Also remember CEO pricing which we will discuss in more detail later....

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What's New Specifically for Domino for iSeries



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Domino 6 for iSeries

- Available Now!
- New product number: 5733-LD6 (for installation, not ordering)

Requires

- OS/400 V5R1 or later
- IBM Developer Kit for Java JDK 1.3 (no-charge option)

New: Installshield Support

- Uses ISMP 4.0 (Java-based) GUI interface
 - More consistent with other platforms
- Allows installation with Domino CD in:
 - iSeries server
 - Remote PC
- Setup is Invoked from:
 - EZsetup
 - iSeries Navigator
 - Java application (setup.exe in root of Domino CD)

Domino 6 for iSeries - a few changes

Removed: Integration via AnyMail/MSF

Instead: separate TCP/IP interfaces for Domino SMTP and OS/400 SMTP

Removed: Directory synchronization

Function no longer supported in OS/400

Removed: Support for Domino under OS/400 HTTP server

Instead: much improved Apache support

Green screens -- English only

Instead: Use Operations Navigator

Locales not shipped with Domino

Instead: Use OS/400 Locales

Domino 6 only available through Passport Advantage

- Consistent ordering / maintenance for all Lotus products
- Transition plan will be available for LPP customer under OS/400 Subscription

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OS/400 V5R2 Enhancements for Domino

- Better management: Domino performance analysis / capacity planning
 - Customers with Domino for iSeries infrastructures can use OS/400 collection services to gather Domino statistics (supported by Domino 6)

Better performance: OS/400 IFS memory management improvement

- New IFS attribute for managing the memory associated with each open IFS file
- Improves overall memory "footprint" of Domino
- Improves Domino performance

Better integration: IBM HTTP Server powered by Apache with Domino 6

- Domino can take advantage of Apache integration with
 - OS/400 Digital Certificate Manager
 - Cryptographic Co-Processor card
- Domino and Apache server can run on same or different machine
- Customer can still choose to use integrated Domino HTTP stack
 - Rewritten in Domino 6 for improved performance

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Domino for iSeries release support

	OS/400 V4R5	OS/400 V5R1	OS/400 V5R2
Domino 5.0	X	not supported	not supported
Domino 5.0.1	X	not supported	not supported
Domino 5.0.2	X	not supported	not supported
Domino 5.0.3	X	not supported	not supported
Domino 5.0.4	X	not supported	not supported
Domino 5.0.5	X	(5.0.5.02)	not supported
Domino 5.0.6a	X	(5.0.6a.01)	not supported
Domino 5.0.7	X	X	not supported
Domino 5.0.8	X	X	See Note
Domino 5.0.9	X	X	X
Domino 5.0.9a	X	X	X
Domino 5.0.10	X	X	X
Domino 5.0.11	X	X	X
Domino 6	not supported	X	X

Note: V5R2 supports Domino 5.0.8. However, the minimum level to support the new i890 hardware is V5R2 and Domino 5.0.9.

We are trying to encourage our Domino for iSeries customers to stay current!!

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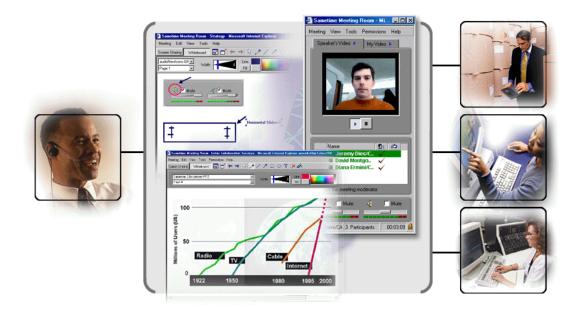
The Transition from Licensed Program Product to Passport

- Domino Servers could be previously purchased via two sales channels
 - AAS (From IBM directly via the iSeries Configurator)
 - Passport Agreement
- At the end of 2002, we sunsetted the AAS channel
- Purchases of Domino made through Passport have benefits
 - Software upgrades/maintenance are automatically sent to customer
 - Accumulation of Passport points offers customers higher discounts
 - Simplicity of buying all Lotus software from a single source
- AAS Domino customers covered via OS/400 Subscription are being transitioned to Passport Agreements
 - Spirit of the transition is to help preserve customer's investment in software subscription as Domino is moved to a Passport Agreement
 - Detailed procedures will be defined later this year

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What's New with Sametime



Demo Site: http://iseriesst1.dfw.ibm.com/

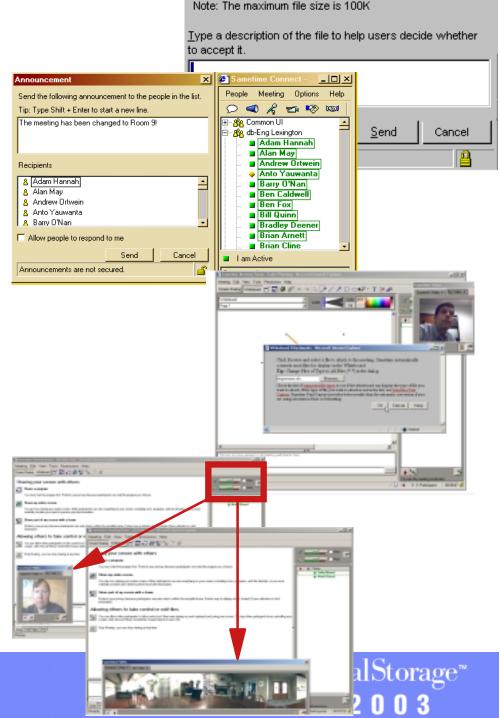
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What's New with Sametime 3.0

- Many end-user enhancements
 - Transfer a file in a chat session
 - One-way "broadcast" to one or many people
 - Attach a File During Meetings Started From the Meeting Center
 - Floating Video and 360-Degree Video
- Enhanced & easier system administration
- Improved monitoring and logging
- High Availability through clustering and failover
- Better interoperability through Single Sign On
- Community-to-Community connections via the new Session Initiation Protocol (SIP) Gateway



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File to send

Browse...



Sametime Compatibility

What works and what doesn't when Domino and Sametime are running in the same OS/400 LPAR:

	5.0.9	5.0.10	5.0.11	Domino 6
Sametime 2.5	Yes	Yes	Yes	No
Sametime 3.0	No	Yes	Yes	Yes*

*In February on iSeries, Domino 6.0.1 will support Sametime 3.0a

Sametime and OS/400 releases:

	V4R5	V5R1	V5R2
Sametime 2.5	Yes*	Yes	Yes
Sametime 3.0	No	Yes	Yes

*DSDs require V5R1 with enhanced DSD-Java support

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Sametime Pricing

Sametime is licensed two ways:

Internal/External Users - By user

- Generally employees, contractors or part-time workers
- Typically suppliers, customers, anonymous visitors
- Licensed per user since that person is known within the company/organization

Unlimited Extranet Users - By Server

Licensed as an unlimited group of users - single charge for unlimited users

	License with	License with		
	Maintenance	Maintenance	Renewal	Renewal
Sametime Environment	1 Year	2 Years	Before License	After License
Intranet/Extranet - By User	\$38.42	\$48.72	\$11.45	\$24.53
Extranet - By Server	\$25,706	\$32,597	\$7,657	\$16,408

- You do not need to buy a Domino Server License
 - If Sametime is the only Domino-based application
 - Copy of Domino for iSeries is shipped with Sametime Media Pack

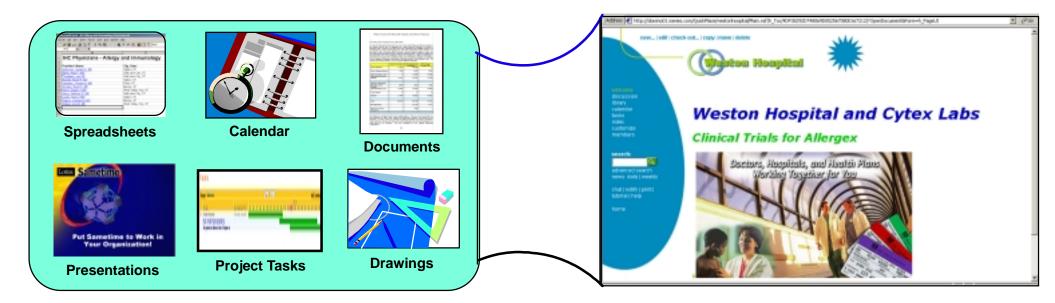
All prices Passport LVP Level A + NIM - Subject to change

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What's New with QuickPlace



Demo Site: http://iseriesqp1.dfw.ibm.com/



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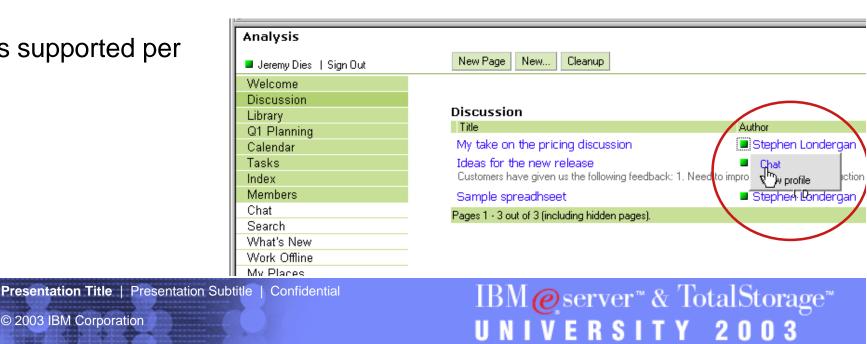
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What's New with QuickPlace

- My QuickPlaces feature
- Enhanced Search Across QuickPlaces
- Calendar Integration with Notes and Office
- Better Integration with Sametime
- Improved Administrator tools
- More users supported per server

Advanced S	earch	
Find pages	in:	
· All place	s	
C This pla	се	
C This roo	m: Home	
C Folder:	News	

Text. Only include	pages that contain these words or phras
network	All of the words
andar o avan en	
Author. Name cor	itains:
Sandy Smith	
Date. Only include	e pages created or modified:





QuickPlace Compatibility

What works and what doesn't when Domino and QuickPlace are running in the same OS/400 LPAR:

	5.0.9	5.0.10	5.0.11	Domino 6
QuickPlace 2.0.8	Yes	Yes*	Yes*	No
QuickPlace 3.0	No	Yes	Yes*	No

*Currently available as a hotfix

If you are currently running both QuickPlace and Domino, stay with Domino 5 or implement LPAR before going to Domino 6

QuickPlace and OS/400 releases:

	V4R5	V5R1	V5R2
QuickPlace 2.0.8	Yes	Yes	Yes
QuickPlace 3.0	No	Yes	Yes

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QuickPlace Pricing

QuickPlace is licensed two ways:

Internal Users - By user

- Generally employees, contractors or part-time workers
- Licensed per user since that person is known within the company/organization

Extranet Users - By Server

- Typically suppliers, customers, anonymous visitors
- Licensed as an unlimited group of users single charge for unlimited users

QuickPlace Environment	License with Maintenance 1 Year	License with Maintenance 2 Years	Renewal Before License	Renewal After License
Intranet/Extranet - By User	\$39.28	\$49.81	\$11.70	\$25.07
Extranet - By Server	\$10,281	\$13,037	\$3,062	\$6,562

- You do not need to buy a Domino Server License
 - If QuickPlace is the only Domino-based application
 - Copy of Domino for iSeries is shipped with QuickPlace Media Pack

All prices Passport LVP Level A + NIM - Subject to change

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Selling Strategy



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Is Lotus Software a Good Investment for the Future? YES!



March 1: Domino will be re-engineered with a data store based on IBM's DB2 relational database... enabled through WebSphere and the native XML services of DB2.



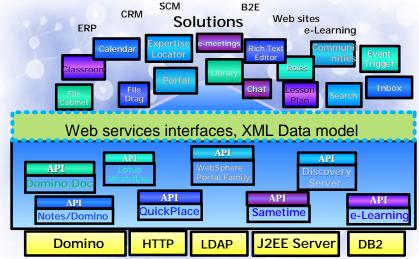
Al Zollar -General Manager Lotus Software (now iSeries General Manager)

May 8: 2004 version of Domino will continue the integration of Domino and DB2. The database will be an additive option, however, customers could still use the .NSF. "We're going to try and do as much [integration] as possible in the next turn of the crank. At some point, the .NSF becomes a legacy store that we'll continue to support but in fact evolves beyond and lets us leverage the true capabilities of DB2." Versions of Domino beyond 2004 will be based on NextGen code. They'll likely use IBM products, for example, DB2 for the data store. For the first versions of NextGen, customers might install a separate Domino server next to their existing Domino server to take advantage of their existing applications and what will be the new, J2EE-based NextGen Domino

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Steve Mills, senior VP and group executive for software





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iSeries Value Proposition Domino Integrated Architecture • Match between Domino and OS/400 architecture

- -Subsystem Domino partitions
 - Provides <u>Domino</u> availability and administrative ease without requiring LPAR
 - LPAR adds Domino flexibility (multiple releases, multiple languages, time zones)
- -Full exploitation of SMP architecture to get maximum Domino scalability
 - OS/400 is the only operating system in the industry to allow Domino to fully utilize all available CPUs (Regatta 32)***

150,000 NotesBench Users

iSeries unique Auto-restart

- 90% "auto-restart" rate in Rochester without operator intervention
 80% of Domino server outages are less than 15 minutes
- -Reduced admin cost plus improved user perception of availability

Non-disruptive growth

- -Configure a new Domino server in minutes
- Single-level store virtually eliminates burdensome disk management
- "On the fly" reallocation of resources

Integration with iSeries systems management tools

- -Operations Navigator
- -BRMS
- -Single sign-on

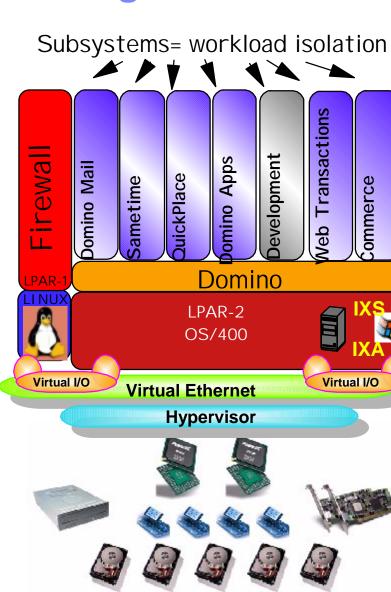
Lotus extension products

-Sametime, QuickPlace, LEI, Fax, Domino.Doc, Workflow, LearningSpace, others...

Extend and complete your Domino infrastructure

- -Linux firewall, DNS, File & Print, etc
- Exploit NT based applications using IXS/IXA

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Opportunity Game Plans

- Selling upgrades to Domino 6
- Selling Domino server consolidation with TCO
- Selling Domino into Microsoft Exchange accounts
- Selling Lotus applications into competitive accounts

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Selling: Domino Upgrade from R5 to ND6

Strategy: Move customers from R5 to ND6

Customer Benefits:

- Lower TCO
- Advantages across end user, administration, programmers, and corporate
- Positioned for future with WebSphere
- Better integration with other collaborative applications (e.g. Sametime, QuickPlace)

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Your Benefits:

- Sell additional Lotus workloads
 - Applications
 - Collaboration Tools Sametime, QuickPlace
- Additional hardware to support workloads -- memory, disk, processor, LPAR
- Propose implementation services
 - Domino upgrade
 - Additional workloads and applications
 - Upgrade to OS/400 V5 if required

Selling: Domino Upgrade R5 to ND6

Ferris Research Report - The Cost of Upgrading to Notes/Domino 6

TCO Saving

- Typical direct cost of Notes 5 is about \$22 per user/month (costs of concern to the Notes support team)
- Notes 6 should help reduce that figure in the following ways:
 - Reduced network usage

- Fewer servers to manage
- More effective user administration

Area of Savings

Improved server availability

Simpler future upgrades
 Increased user productivity

Savings Por

Area of Savings	Per Month	User/Per Month		
Save network bandwidth costs	\$8.00	\$5.00 - \$10.00	Number of	Potential Annual
Less administration overhead	\$1.00	\$1.00	Users	Saving
with server consolidation			100	\$16,020
Lower end user support costs	\$.90	\$.90	200	\$32,040
Reduced future upgrade costs	\$.70	\$.70	500	\$80,100
Less downtime time with preventive failure monitoring	\$.25	\$.25 - \$1.00	1,000	\$160,200
Increased user productivity with	••••		2,000	\$320,400
UI enhancements	\$2.00	\$1.50 - \$2.50	5,000	\$801,000
Increased availability by improved fault recovery	\$.50	\$.50	10,000	\$1,602,000
Total savings per user/month	\$13.35			

Ferris Research "The Cost Savings of Upgrading to Notes/Domino 6" Oct 2002 www.ferris.com

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Selling: Domino Upgrade from R5 to ND6

Gameplan:

- 1. Review ND6, ST and QP announcements with customer
- 2. Use Ferris report to show TCO benefits of moving to ND6
- 3. Transition customer's Domino LPP license to Passport if required
- 4. Include Sametime and/or QuickPlace in proposal
- 5. Run Work Load Estimator (WLE) to size for additional workloads
 - A. http://www.ibm.com/eserver/iseries/support/estimator
- 6. Run configurator to upgrade hardware as needed
- 7. Propose implementation services
- 8. Work with a Lotus partner where appropriate







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Selling: Domino Server Consolidation with TCO

Strategy: Move customers from Domino server farms to an iSeries Server(s)

Customer Benefits:

- Runs multiple workloads on a single or fewer servers
- Easier to add clustering for high availability
- Easier to manage fewer OS and Domino images takes less personnel resources
- Maximizes hardware resources that would be idle in a server farm
- Potential to reduce Lotus licensing costs (fewer processors, more efficient utilization)
- Higher reliability and scalability across the iSeries family

Your Benefits:

- Sell new hardware or upgrade existing hardware to handle additional consolidated workloads
 - Additional hardware to support workloads Memory, disk, processor, LPAR
 - Use DSDs and Special-bid high end processors as needed
- Propose Implementation services
 - Domino migration and possible upgrade
 - Additional applications and workloads
 - Upgrade to OS/400 V5 if required

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Selling: Domino Server Consolidation with TCO

How should you break down a Total Cost of Ownership?

- It's not just the acquisition cost...
- Total Cost of Ownership should be over a 1-3 year period
- What should be considered:
 - Hardware Acquisition
 - Software Acquisition/Upgrade
 - Hardware Maintenance
 - Software Maintenance
 - Operations
 - Outages
 - Unscheduled downtime
 - Scheduled downtime
 - Floor Space

HM	Vand Maint 🚶 SW and	Maint	Operations V	Downtime \$	Fir_Space,	_Pwr VICO	2
F	8	С	D	E	F	G	н
2	Summary Cos	ts - iSe	ries				
3							
4	Description		Year 1	Year 2	Year 3	Total	
5							
6	Hardware & Maintenance		\$1,425,000	\$0	\$0	\$1,425,000.00	
7	Software & Maintenance		\$122,772	\$396	\$396	\$123,564.00	
8	Operations Costs		\$925,000	\$971,250.00	\$1,019,812.50	\$2,916,062.50	
9	Annual Raise	5.0%					
10	Downline		\$3,281.04	\$3,281.04	\$3,281.D4	\$9,843.12	
11	Floor Space		\$475.17	\$475.17	\$475.17	\$1,425.52	
12	Power						
13	Total		\$2,476,528.21	\$975,402,21	\$1.023,964.71	\$4,475,895.14	
14							
15							
16							
17							
18	'Summary Cos	ts - Co	ompetitive				
19							
20	Description		Year 1	Year 2	Year 3	Total	
21							
22	Hardware & Maintenance		\$0.00	\$0.00	\$0.00	\$0.00	
23	Software & Maintenance		\$800	\$276	\$276	\$1,352.00	
24	Operations Costs		\$1,225,000	\$1,323,000.00	\$1,323,000.00	\$3,871,000.00	
25	Annual Raise	8.0%					
26	Doentine		\$61,122.60	\$61,122.60	\$61,122.60	\$183,367.80	
27	Floor Space		\$720.00	\$720.00	\$720.00	\$2,160.00	
28	Power						
29	Total		\$1,287,642.60	\$1,385,118.60	\$1,385,118.60	\$4,057,879.80	
30							
31							

• WARNING! No two customers are likely to agree on the same criteria!!

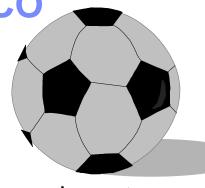
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Selling: Domino Server Consolidation with TCO Gameplan:

- 1. Review ND6, ST and QP Announcements with customer
- 2. Use Ferris report to show TCO benefits of moving to ND6
- 3. Use one page cheat sheet for iSeries Value Prop
- 4. Consider iSeries for Domino Servers for price competitive (you may have to special bid)
- 5. Propose one-step upgrade to ND6 along with server consolidation to iSeries
- 6. Build a TCO comparison <u>WITH</u> your Customer...not for them
 - A. Provide cost justification to consolidate by
 - a. Getting customer to look at Total Cost not acquisition
 - b. Build vision for value of multiple workloads
 - c. Reducing the complexity of the environment
 - d. Maximizing utilization of hardware resources
 - e. Personnel to support the environment (Upgrades, Maint, Backup)
 - f. Disaster Recovery expenses
 - g. Environmentals (Floorspace, power, tape)
 - h. Extending the solution to include Linux (Firewalls, SMTP Gateways, File & Print)

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Selling: Replacing Microsoft with Domino for iSeries

- Take advantage of an <u>impending event</u>:
 - Microsoft states that support for Exchange 5.5 will be withdrawn December 2003
 - According to Gartner, only 10% of Exchange 5.5 customers have upgraded to Exchange 2000
- Sympathize with the customer's pain:
 - E2K requires new, more powerful servers (and additional servers)
 - E2K software costs are higher
 - Migrating to Active Directory is required (and difficult)
 - E2K doesn't have compelling features to make migration attractive
 - Future of E2K is unclear (versus changing .NET story)

Offer an alternative:

- Radicati Group Report highlights Lotus advantages over Microsoft Exchange
 - Downtime costs for Exchange users are almost 200% higher
 - Microsoft Exchange installation and configuration costs per user are almost double
 - Source: "Messaging Total Cost of Ownership -- Lotus Domino R5.05 vs. MS Exchange 2002" (December 2002 <u>www.radicati.com</u>)

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- Move2Lotus for IBM eServer offers substantial discounts on Lotus software
 - Optionally, choose CEO bundles to increase capability and cost justification
 - www.ibm.com/servers/solutions/collaboration/move2lotus



New! Microsoft Outlook 2002 Connector

- Add-in that allows users to access an IBM Lotus Domino R5 server from Outlook 2002 for Messaging, Calendaring and Scheduling, Address Book and To Do (task) items
- Useful in environments with mixed e-mail infrastructures or where employees would like the option to use Outlook 2002/Office XP with a Domino server
- Obtain as a no-charge download from the Microsoft Office XP site
 - http://www.microsoft.com/office/ork/xp/
- Software Requirements
 - Server Software
 - Domino 5.0.1, 5.0.6, 5.0.8, 5.0.9, 5.0.10 or 5.0.11 (Domino 6.01 2Q 2003)
 - Microsoft Windows® 2000, Microsoft Windows NT®, Red Hat Linux, IBM AIX, Hewlett-Packard HP-UX, Solaris-Sparc, Sun Solaris (Intel Platform Edition)
 - Client Software
 - <u>Operating System</u>: Microsoft Windows XP (recommended), Microsoft Windows 2000, Microsoft Windows NT, Microsoft Windows Millennium Edition, Microsoft Windows 98
 - <u>Outlook</u>: Microsoft Office XP, Office XP with Service Pack 1 or later, Microsoft Outlook 2002, Outlook 2002 with Service Pack or later
- Office XP

The <u>Outlook(R</u> 2002 Connector add-in helps enable customers with IBM Lotus Domino Release 5 servers to use the rich functionality of Outlook 2002 to simplify e-mail communication, to streamline group planning and scheduling, and to provide easy access to information.

Lotus Notes R5

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Selling: Replacing Microsoft with Domino for iSeries

Gameplan:

- 1. Find out why your customer has not yet migrated to E2K
- 2. Ask your customer if they have considered server consolidation
- 3. Use the Radicati and Ferris reports to show TCO benefits of moving to Domino
- Ask your customer if they have considered lowering their costs by using a browser to access mail instead of a full client (Outlook)
- 5. Ask if they have wanted to implement high availability
- 6. Find out what their plan is for disaster recovery
- 7. Include Sametime and/or QuickPlace in proposal
- 8. Use the Move2Lotus Offer to lower software costs
- 9. Run Work Load Estimator (WLE) to size for additional workloads

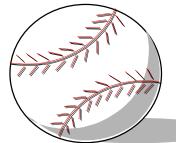
A. http://www.ibm.com/eserver/iseries/support/estimator

- 10. Run configurator to determine hardware that is needed
- 11. Propose implementation and migration services

Move2Lotus[™] IBM @server offer

(www.lotus.com/migration)

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Selling: Lotus Applications in Competitive Accounts

- In some cases, customers are unwilling to change from their existing messaging system to Domino
- So what do you do? Sell applications instead of mail!
- Customers may still be open to using Domino solutions to fulfill application backlog requirements
 - Look for applications are niche applications or stand-alone applications that pose low risk for a new application development environment
 - Some applications needs might be satisfied with existing Domino ISV solutions (CRM, Sales Force Automation, Help Desk, Travel Claims, etc)
 - New Utility Server applications with browser access has low cost entry point and TCO
- Applications like Sametime and QuickPlace are also good candidates
 - Quick to implement
 - Typically fast ROI
 - Can coexist well with Microsoft environments

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Best of Breed Domino Applications

<u>CRM</u> Engage GWI	Content Management Conet EAS	Captari Mobile	<u>d Messaging/Mobile</u> is Airwaves	_	eron n Associates
Blueware Cognicase Emerging Tech JPH NetASPx-Total NSS ParaResearch Pavone AG Presence On-L	Solutions Group <u>Help Desk</u> GWI Notable Solutions I	Comn EZMer Service OAG V	eport/400 Worldwide <u>BI</u> InfoManager	Invent iOra Lansa	Software ede
Relavis teamwork Tecla TJGroup Vikara	<u>SCM/Process</u> ETq GEDYS Internet Product AG NetASPx-Total Solutions Group QSI srl	c p II	ShowBusiness <u>Document Mgmt</u> Cobra kon-Image Systems Solu RJS Software Systems	itions	<u>Anti-Virus</u> Symantec Trend Micro

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Selling: Lotus Applications in Competitive Accounts

Gameplan:

- 1. Review the customer's backlog of applications
- 2. Determine which application areas are suitable for Domino
 - A. Applications that can be satisfied by existing ISV offerings
 - B. Applications that leverage the strengths of Domino
 - a. Rich Text Documents, workflow, off-line applications, forms-based applications, web-based deployment, etc.
- 3. Include Sametime and/or QuickPlace in proposal if appropriate because multiple workloads enhance the cost justification of iSeries
- 4. Run Work Load Estimator (WLE) to size for additional workloads

A. http://www.ibm.com/eserver/iseries/support/estimator

5. Run configurator to determine hardware that is needed

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6. Propose implementation services

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Business Unit or Product Name

_	

Many customers have selected iSeries for their Domino Platform

- ABN AMRO 35K users (case study available)
 - -2 systems Chicago; 4 Netherlands; 2 Singapore
 -Fully clustered
- Singapore Poly 22K users
 - -2 clustered systems with 18K Web Mail Users
- <u>HSBC</u> 30K + users
 - -Systems in Hong Kong, London, NY
- Arcadia Group 8K users (extranet)
 - 2 Systems Clustered providing Collaboration and Websphere solutions
- <u>Abbott Laboratories</u> 11K users
 - -1 system, not clustered
- American General Finance 1300 distributed
 - servers
 - -Administered centrally by 3 people
- <u>Sears</u>
 - -70,000 iNotes Web Access

Over 75 customer success stories on the Web

Strong customer satisfaction

http://www.ibm.com/servers/eserver/iseries/domino/ Then click on "Case Studies" on the left

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ABN·AMRO





Life You've magineo

HSBC 🚺

golden state foods

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Call to Action

- Identify opportunities in the following areas:
 - Customers wanting to add additional applications, ST and QP
 - Drive hardware and services
 - Customers with Domino server farms to consolidate
 - Drive with TCO and customer references
 - Customers with <u>Exchange 5.5 or even Groupwise</u>
 Use Move2Lotus pricing as incentive
 - Customers who <u>need niche applications at a low entry cost</u>
 Use the Utility Server as a means to gain entry into the account
- Focus on the ROI of these solutions in their organization
- Business Partners have strong Domino practices Use Them!
- Use the Custom Technology Center (CTC) for complex solutions
- Remember that the iSeries has the perfect architecture for Domino
- iSeries for Domino servers offer great price performance for Domino and Java (WebSphere)

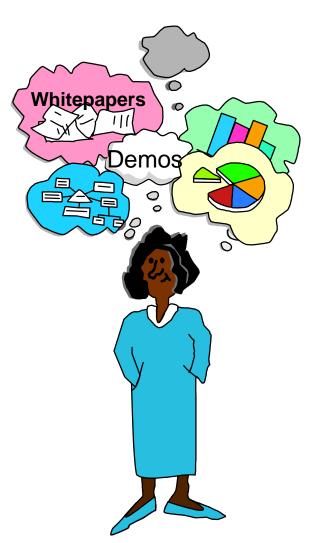
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Appendix - Additional Resources



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Table of Contents - Additional Resources

- How to Demo Domino, Sametime and QuickPlace
- Where Do I Get Useful Information? (WebSites and Tools)
- Where Do I Go to Get Help?
- Where Do I Go to Get Services?
- Where Do I Go to Find Solutions?







How can I demo to customers?



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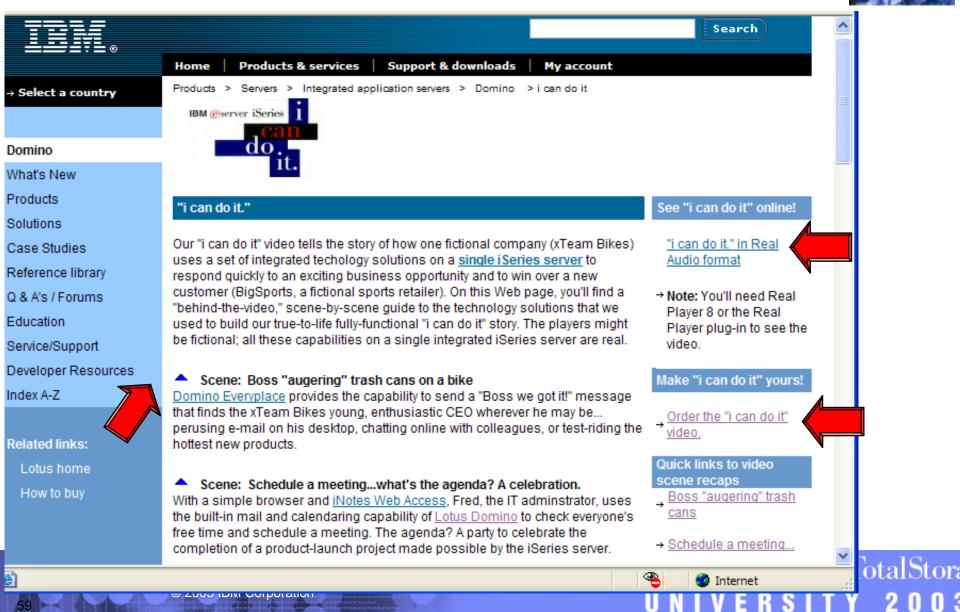
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Business Unit or Product Name

i can do it Video CD...SK3T-4118



ibm.com/servers/eserver/iseries/domino/icandoit/



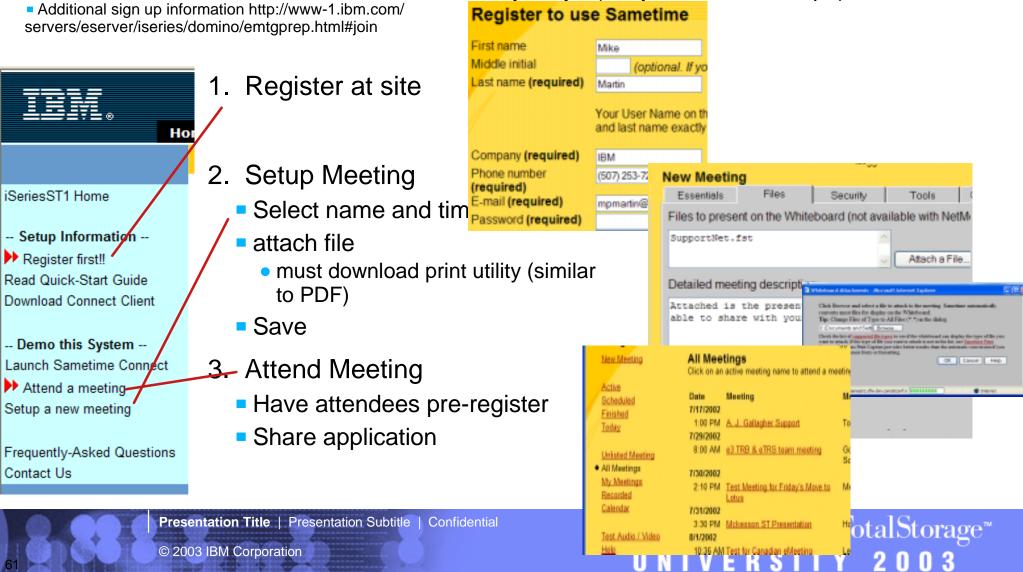
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🛿 🏆 🖉 • Customize 🗣 🍳	Search 🔻 🥹 🐨 Messenger 🕅 🛪 Bookmarks 🚳 My Yahoo! 👻 🏋 Yahoo! 🔹 🔛 Finance 🔹 🖂 Yahoo! Mail 🔹 🦪 News 🔹 🔹
TEM	
≝≝≇≇≇₹≞⊚ Ho	ome Products & services Support & downloads My account
	Lotus Software Sametime 2.5 on iSeries Demo System
iSeriesST1 Home	You are welcome to use this system to demonstrate the capabilities of Sametime 2.5 on an iSeries server. This system is to be used for business purposes only.
Setup Information	
▶ Register first!!	Using this demo system:
Read Quick-Start Guide	You will need to: Register to use this system. This gives you a user name and password to use when using the functions on this
Download Connect Client	system (and this system only). This server is not connected to any other demo system in IBM.
Demo this System	Once you have your user name and password, you can <u>Attend a meeting</u> .
Launch Sametime Connect	Cautions:
Attend a meeting	
Setup a new meeting	 This server is not to be used as a public and free e-meeting site. It is intended for those who are considering the purchase of Sametime.
	 This server should never be used for confidential material, even in a demo scenario.
Frequently-Asked Questions	 This server is reset at times which purges all registered user names and scheduled meetings.
Contact Us	
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Using Sametime e-meetings http://iseriesst1.dfw.ibm.com/

This is a Demo-Site available to all Partners and Customers...

- Leverage e-meetings to present material, proposals, etc to customers
- Saves time and money and shows off eBusiness technology
- Remember, Sametime solutions are for everybody...(not just Domino shops)



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Demoing QuickPlace- See basic instructions on next page http://iseriesqp1.dfw.ibm.com/

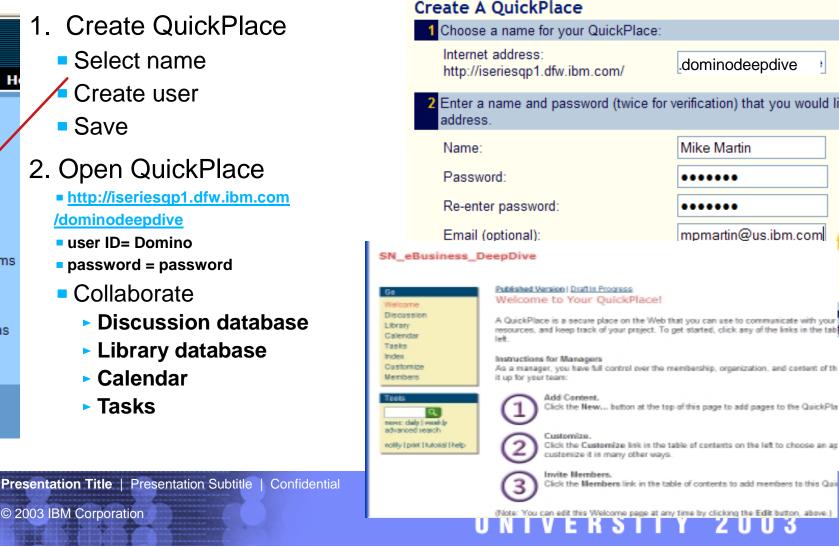
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IBM BM Computer Hardwar	re) 🖳 ThinkPad) 🍪 eBusiness) 📳 Servers) 🛟 B2B) Search 🔍 Skins Web 🚫
🚦 🏋 🖉 - Customize 🖓 🍳	Search 🔻 🥹 🖉 Messenger 🕕 🕈 Bookmarks 🚳 My Yahoo! 👻 ফ Yahoo! 👻 🔛 Finance 👻 🖂 Yahoo! Mail 🔹 🥪 News 🔹 🛛 🔅
Ho	ome Products & services Support & downloads My account
iSeriesQP1 Home	Lotus. Software QuickPlace 2.0.8 on iSeries Demo System
Demo System News	
Register first !! Set up a QuickPlace Examples of Use Other iSeries Demo Systems Sametime iNotes Frequently Asked Questions Contact Us	You are welcome to use this system to demonstrate the capabilities of Lotus QuickPlace on an iSeries server. This system is to be used for business purposes only. Using this demo system: You will need to have a userid and password to use QuickPlace. This userid is shared with the Sametime iSeries demo server http://iseriesst1.dfw.ibm.com/, so if you already have one there, please use it. Otherwise, register for a userid first. Create a QuickPlace Use your QuickPlace: http://iseriesqp1.dfw.ibm.com/put your QuickPlace name here Cautions:
	 This server should never be used for confidential material, even in a demo scenario.

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Using QuickPlace to Collaborate http://iseriesqp1.dfw.ibm.com/

This is a Demo-Site available to all Partners and Customers...

- Leverage QuickPlace to Collaborate with Customers, partners, etc.
- Saves time and money and shows off eBusiness technology
- Remember, QuickPlace solutions are for everybody...(not just Domino shops)



iSeriesQP1 Home Demo System News

Register first !! Set up a QuickPlace Examples of Use

Other iSeries Demo Systems

Sametime

iNotes

Frequently Asked Questions Contact Us

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Create A OuickPlace



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Demoing iNotes Web Access http://iseriesin.dfw.ibm.com/

	ome Products & services Support & downloads My account
	Lotus software iNotes on iSeries Demo System
iSeriesIN Home	
Demo System News	You are welcome to use this system to demonstrate the capabilities of Lotus iNotes on an iSeries server. This system is to be used for business purposes only.
Other iSeries Demo Systems	
Sametime	Using this demo system:
QuickPlace	Now will pood to: Decorve a dame userid to use this system. This gives you a user name
Frequently Asked Questions Contact Us	You will need to: Reserve a demo userid to use this system. This gives you a user name and password to use for the next 48 hours on this system. You may request multiple userids if needed.
	When you are assigned a user name, you will also receive a password and the full link for your demo. Write down/bookmark this link so you can go back to it as needed.
	If you have misplaced that link, this is what you will use for your demo: http:// iseriesin.dfw.ibm.com/mail/the last name of your username.nsf
	Cautions:
Related Links IBM Home Lotus Products	 This server should never be used for confidential material, even in a demo scenario. The demo userids are reserved for your use for a set period of time. Please do not use them if they are not reserved for you as you may disrupt someone else's demo. Contact us About IBM Privacy Legal Contact

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Where do I get more information? (Useful Websites & Tools)





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Newsletters

THE definitive source for up-to-the-minute news, happenings & nuggets of information

"iSeries Collaboration" Newsletter

- Approximately bi-weekly

- Marketing and Selling Domino for iSeries

- To enroll, send a note to Jelan Heidelberg
- jcheidel@us.ibm.com

"iSeries e-Business" Newsletter

- Approximately monthly
- Marketing and Selling Domino, Linux and WebSphere for iSeries
- To enroll, send a note to Robin Clark
- rjclark@us.ibm.com

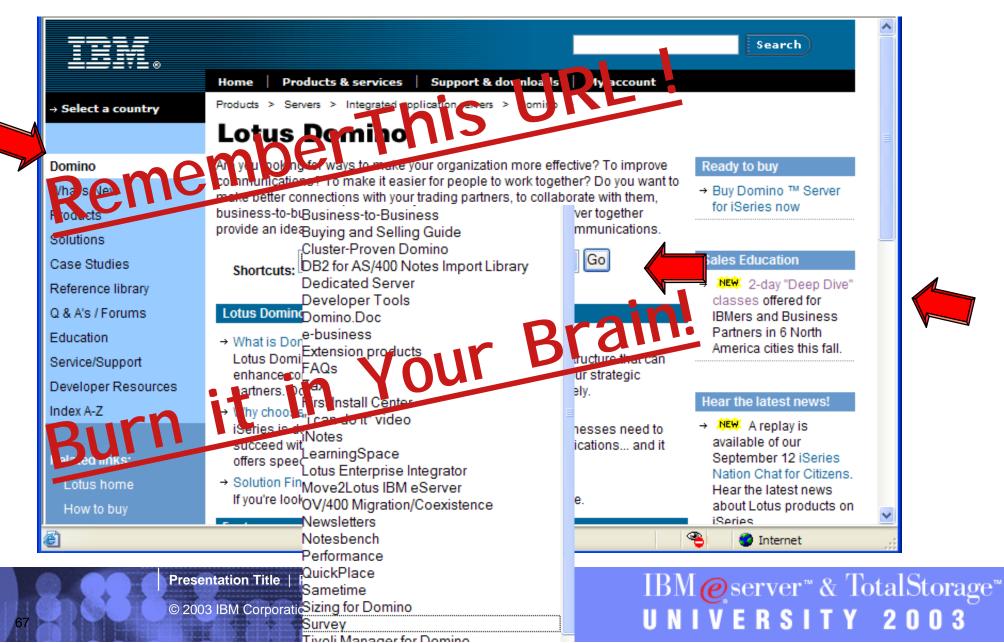
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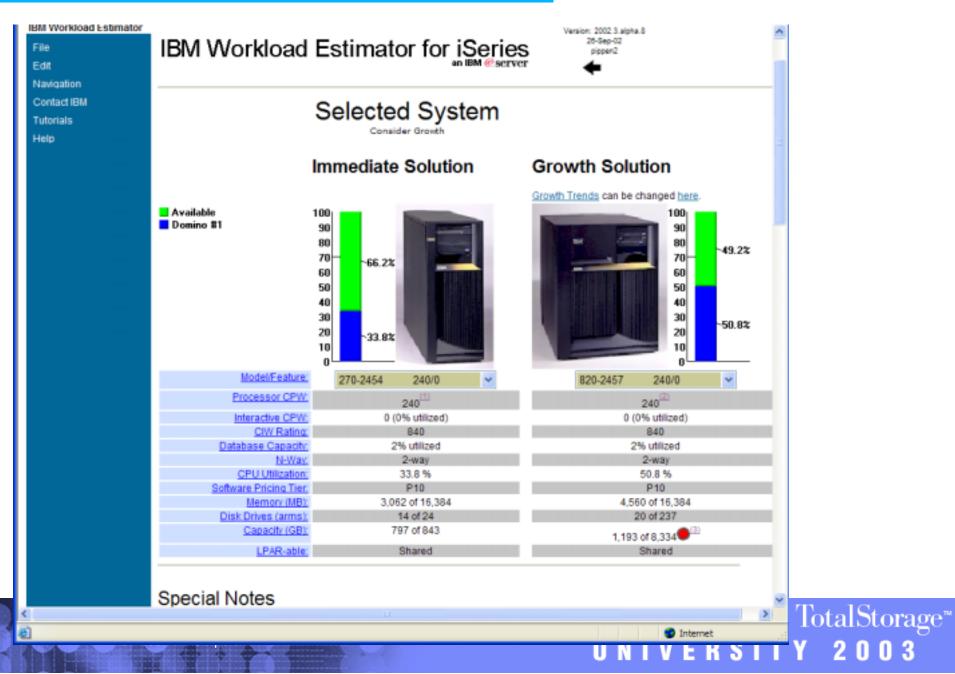
Domino for iSeries Homepage

ibm.com/eserver/iseries/domino





Workload Estimator http://www-912.ibm.com/servlet/EstimatorServlet





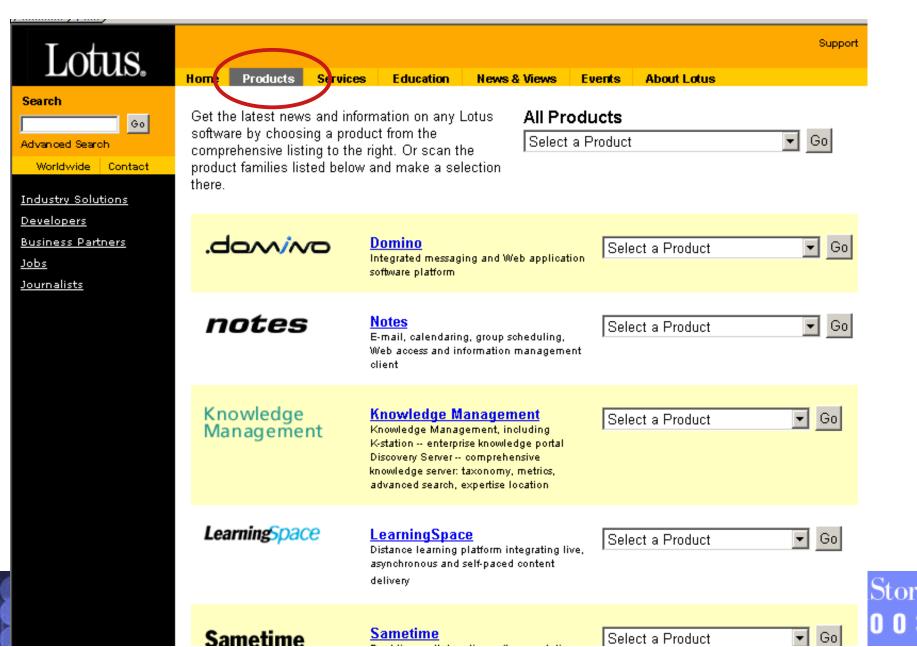
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	Home Products & services Support & downloads My account
→ Select a country	Redbooks Search
Redbooks Home	We neubourd Search
Publications:	
· Drafts	Use AND, OR, NOT to separate keywords New search domino and iSeries
· Redbooks	domino and iSelies
· Redpapers	Sort by relevance 💙 🗌 Fuzzy search
· Hints & Tips	search tips Search
· Additional materials	
Redbook Domains:	75 results found in Redbooks, Redpieces and Redpapers
· Select one 😢	
Residencies	To learn more about Redbooks, Redpieces and Redpapers, <u>click here</u> .
Workshops	1. Domino for iSeries Sizing and Performance Tuning, SG24-5162-01
Redbooks on CD	Redbook, published April-4-2002, last updated April-11-2002
How to buy	 Domino and WebSphere Integration on the IBM eServer iSeries Server, SG24-8223-00 Redbook, published March-28-2002, last updated April-2-2002
About Redbooks	 New Enterprise Integration Functions for Lotus Domino for AS/400, SG24-6203-00 Redbook, published February-28-2001, last updated March-2-2001
Contact us	4. Exchange Migration and iNotes Implementation on the IBM eServer iSeries Server, SG24-6230-00
Mailing list	Redbook, published September-13-2001 5. Lotus Domino for AS/400 R5: Implementation, SG24-5592-01
	Redbook, published January-11-2001
Related links:	 Lotus Domino for AS/400 Internet Mail and More, SG24-5990-00 Redbook, published October-20-2000
IBM Publications Center	 iNotes Web Access on the IBM eServer iSeries Server, SG24-6553-00 Redbook, published February-11-2002
	8. Integrating WebSphere Commerce Suite with Domino Back-End Application: iSeries 400 Edition . REDP0141 Presentation Title Presentation Subtitle Confidential
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Lotus Website - Products

www.lotus.com --> Products





Lotus Developer Domain http://www.lotus.com/ldd

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Products	New and	Products	Forums	
orums	Notable	Our Product Pages organize	Join the community in our	
DD Today		technical resources for all the	technical discussion forums about	
ownloads	Updated Oct. 1, 2002	Lotus software products: Discovery Server	Lotus software: Notes/Domino 6 Forum	
andbox	Site News: Please	Domino.Doc	Notes/Domino 4 and 5 Forum	
	update your LDD	 Enterprise Integration Extended Search 	 <u>Domino.Doc Forum</u> <u>Enterprise Integration Forum</u> 	
ocumentation Library	registration by October 15.	 LearningSpace Lotus Workflow 	 Extended Search Forum Knowledge Discovery System 	
vents	10.	Notes & Domino	Forum	
bout LDD	Notes/Domino	 <u>QuickPlace</u> Sametime 	 LearningSpace Forum Lotus Workflow Forum 	
DD Registration	6 has gone gold and is	<u>SmartSuite</u>	<u>QuickPlace Forum</u> Sametime Forum	
DD Feedback	now available!		SmartSuite Forum	
	Read the special	LDD Today	\sim	
Related links:	Notes/Domino 6 issue of	LDD Today is the technical journal	Documentation Library	
leveloperWorks	LDD Today!	for Lotus software, and our	In the Documentation Library,	
	Cool new tool in the	October 2002 issue has a special focus on Notes/Domino 6.	browse or download all the official	
lphaWorks	Sandbox search your	locus on Notes/Domino 6.	product documentation and release notes.	
.otus.com	Domino 6.0 templates with		release notes.	
_otus Support Services	DDSearch 2.0.	Downloads		
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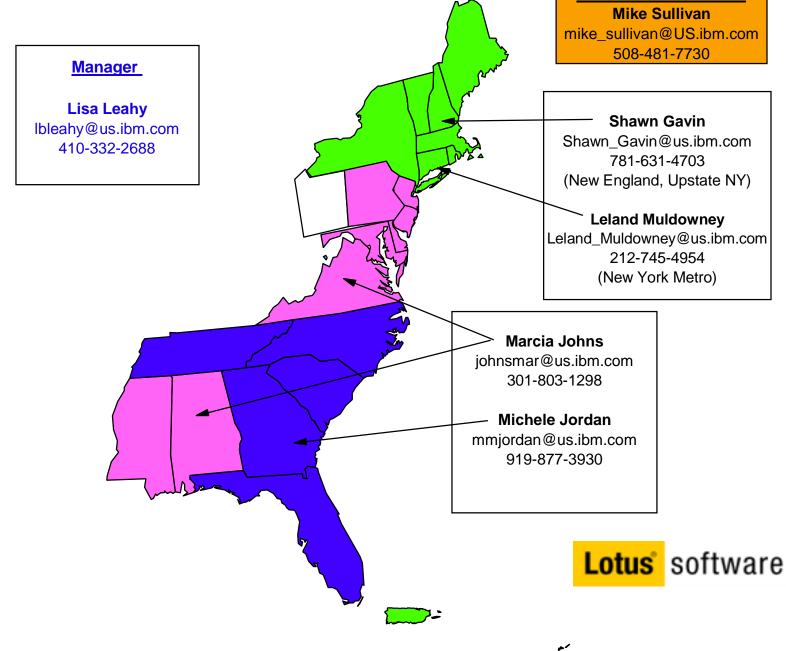
Where do I get help?



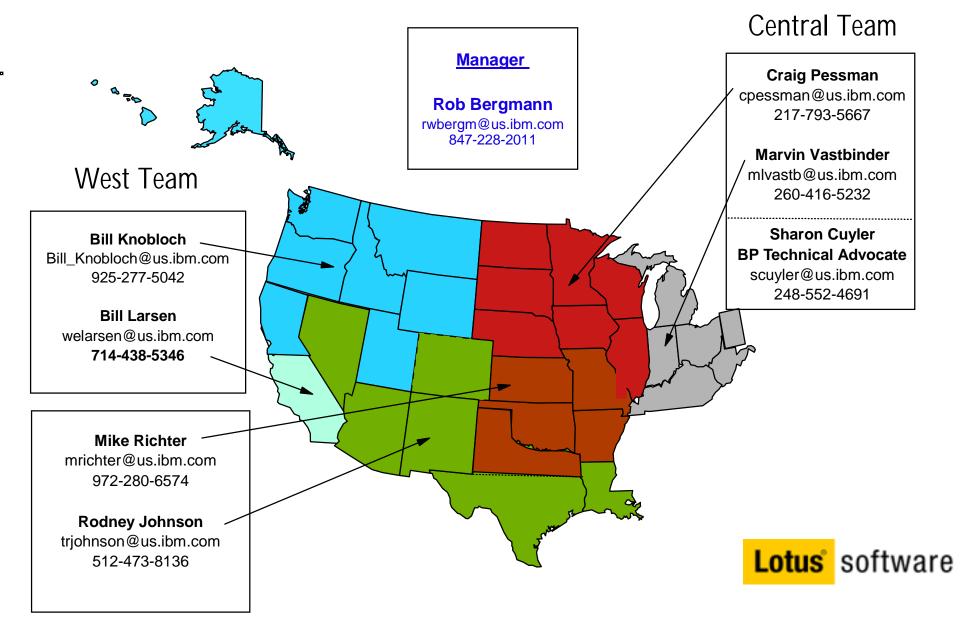
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Lotus Business Partner Sales Specialists Eastern U.S. Team



Lotus Business Partner Sales Specialists Central and Western U.S. Teams



Where to get pre-sales support

Call TechXpress*

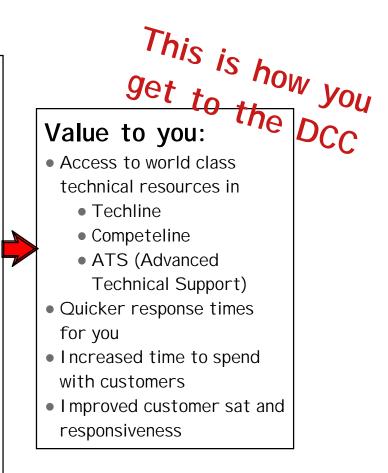
877-707-2727 (Single entry point into the Americas Technical Sales Support)

- An SPC Agent will take your information and submit a TechXpress request for you.
- Your request will be acknowledged within 4 hours.



When you need:

- Solution design and architecture assistance
- Product information
- Configuration & Pricing
- Subject matter experts for Solution Assurance Reviews
- Complex solution sales support
- Pre-sales customer calls
- Proofs of Concept
- Presentations
- Customized Demos
- Competitive sales assistance





* Requesters will need to provide detailed information and OMSYS Numbers.

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Where to get services...

iSeries Custom Technology Center (CTC)

- Custom Development Services for iSeries and WebSphere!
- Native e-business Solutions using WebSphere, Servlets, JSPs, CGIs, HTML
- Modernizing Legacy Applications to Take Advantage of e-business Technologies (B-to-B, B-to-C)
- Native Java Programming
- Native Domino Solutions
- WebSphere Commerce Suite Solutions
- Native MQ Series
- Application Port Assistance
- Client/Server Development including Network Station
- Database Applications
- TCP/IP and Sockets Application Development
- Advanced Technology Implementation
- **RPG, COBOL, ILE C Programming**

Contact: Mark Even 507-253-1313 even@us.ibm.com Pete Cornell 507-253-4955 pcornell@us.ibm.com Ray Harney 507-253-0920 harney@us.ibm.com (EMEA) Eric Aquarrone CTC_EMEA1@fr.ibm.com

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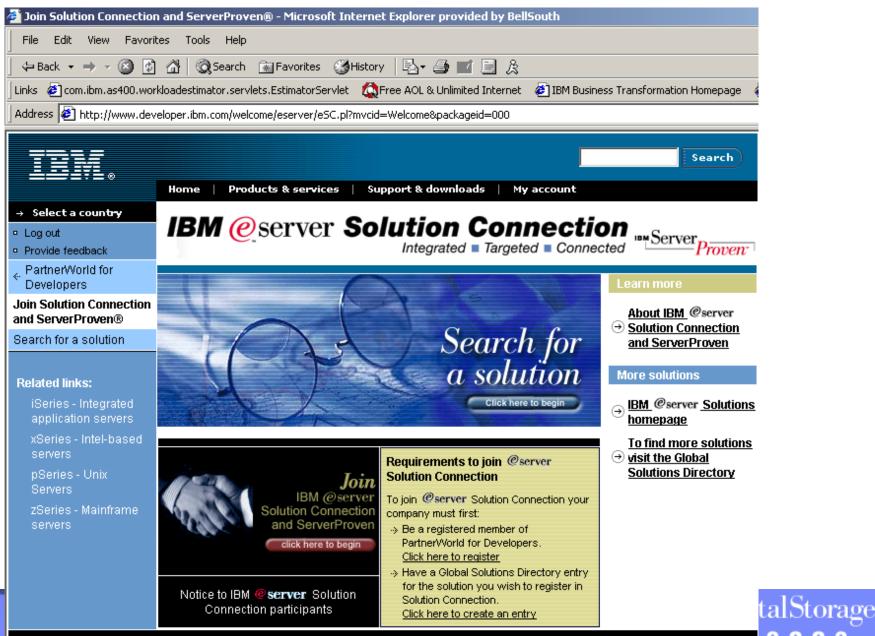
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Business Unit or Product Name

NEW! eServer Solution Connection

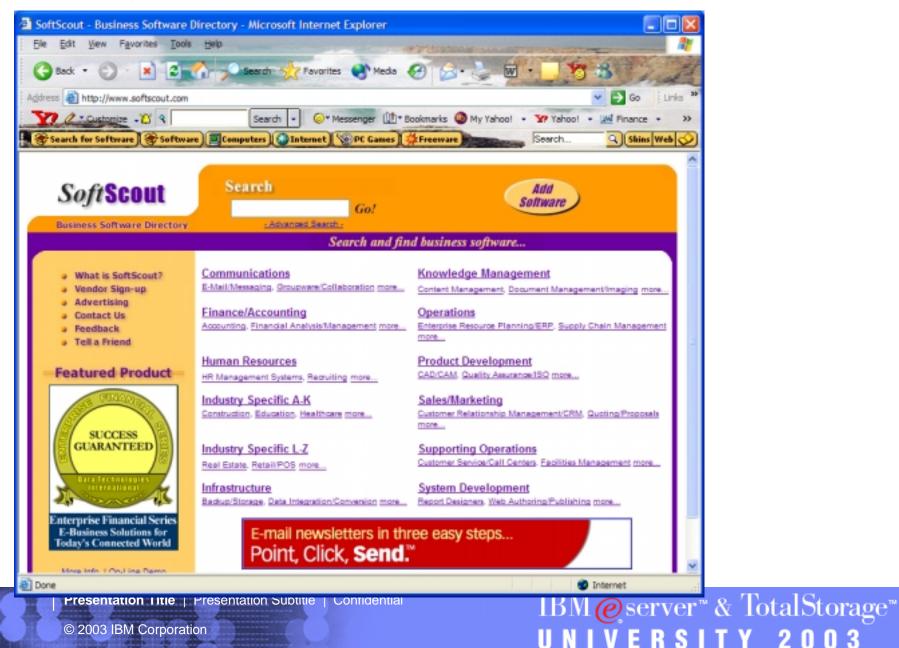
http://www.developer.ibm.com/welcome/eserver/eSC.pl



Business Unit or Product Name

Where do I go to find a solutions

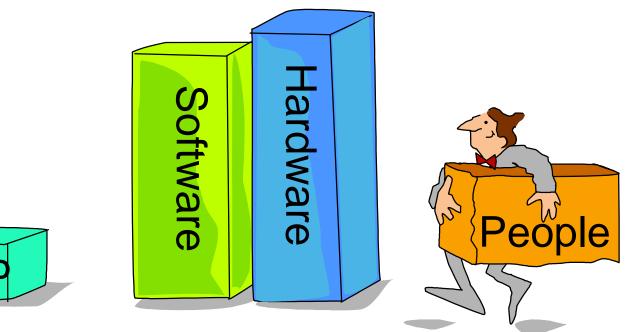
http://www.softscout.com

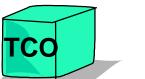


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TCO Justification





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TCO - Hardware

How should you break down a Total Cost of Ownership?

Architect and config Domino for iSeries Solution vs. competitive hardware solution (ask customer to help you with this)

**calculate in discounts and maintenance

A A	B C	D	E	F	G	н		J	K
1	5 C								
2									
4	iSeries HARDW	ARE & MAIN	NT.				Monthly		TOTA
5		TYPE /		LIST	DISCOUNT	DISCOUNT	MAINT	TOTAL	ANNUA
6	DESCRIPTION	MODEL	QTY	PRICE	x	PRICE	LIST EACH	PRICE	MAIN
6	System Hardware	****		********				*********	********
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14			0	\$0		\$0		\$0	\$
15			0	\$0		\$0		\$0	\$
16			0	\$0		\$0		\$0	\$
17			0	\$0		\$0		\$0	\$
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38			0		82	\$0	\$0	\$0	\$1
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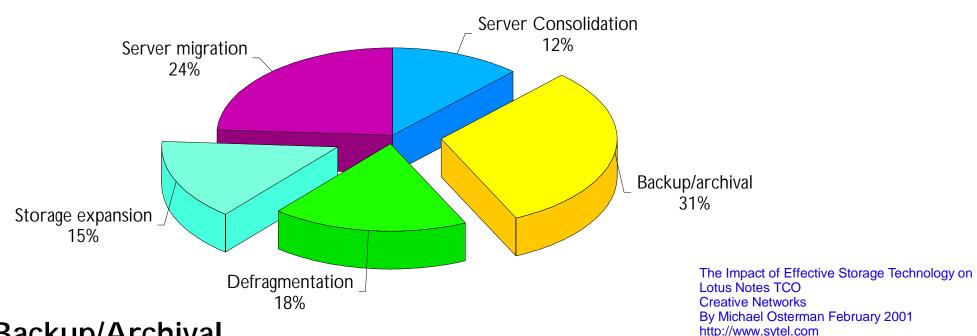
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TCO breakdown...



Backup/Archival

- Domino On-line backup w/BRMS doesn't require scheduled downtime

Reasons for Scheduled, Planned Downtime

Defragmentation

- iSeries IFS does not have to have to be defraged for maintenance

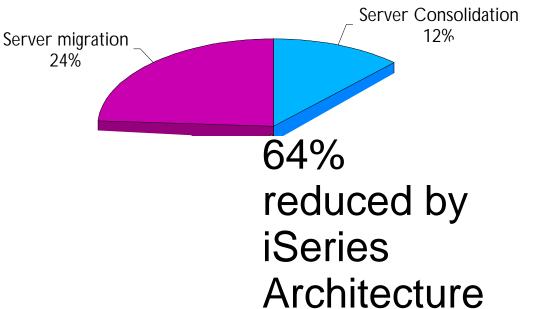
Storage Expansion

 You can dynamically add disk to your iSeries server while your Domino servers are running



TCO breakdown...

Reasons for Scheduled, Planned Downtime



Backup/Archival

The Impact of Effective Storage Technology on Lotus Notes TCO Creative Networks By Michael Osterman February 2001 http://www.sytel.com

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- Domino On-line backup w/BRMS doesn't require scheduled downtime

Defragmentation

- iSeries IFS does not have to have to be defraged for maintenance

Storage Expansion

 You can dynamically add disk to your iSeries server while your Domino servers are running



- <u>A TCO study by Creative Networks Inc.</u> (Feb 2001) estimates a cost of for downtime for lost productivity and revenue.
 - The Impact of Effective Storage Technology on Lotus Notes TCO
 - Typical user spend 25% of his time in Notes
 - Avg Salary = \$50,000 (\$24.04/hour)

NT Domino Downtime

- Typical unscheduled downtime on NT eBusiness solution = 94 min/month or 1,128 min/yr (99.1% uptime)
- 31.1% of user are impacted during an unscheduled downtime = 351 mins/yr
- End user is 21.1% less productive during downtime = 75 mins/yr
- 75 minutes (1.25 hours) * \$24.04 =
 \$30.05 each year for each employee
- Total Employees * Loss Productivity = Annual loss productivity

100	*	30.05 =	\$3,005
200	*	30.05 =	\$6,005

500 * 30.05 = **\$12,010**

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iSeries Domino Downtime

 Typical unscheduled downtime on iSeries eBusiness solution = 22 min/ month or 264 min/yr (99.95% uptime)

Lotus Notes TCO

http://www.sytel.com

The Impact of Effective Storage Technology on

By Michael Osterman February 2001

- 31.1% of user are impacted during an unscheduled downtime = 82 mins/yr
- End user is 21.1% less productive during downtime = 17 mins/yr
- 17 minutes (.283 hours) * \$24.04 =
 \$6.80 each year for each employee
- Total Employees * Loss Productivity = Annual loss productivity
 - 100 * 6.80 = **\$680**
 - 200 * 6.80 = **\$1,360**
 - 500 * 6.80 = **\$3,400**

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TCO: Staffing

System Operators/Administrators

- Fewer Systems to manage
 - Backup (hours per server X # of servers X salary/mo X 24 or 36 months
 - <u>S/W upgrades</u> (hours per server X # of servers X salary/mo X 24 or 36 mos)
 - S/W maintenance (hours per server X # of servers X salary/mo X 24 or 36 mos)
- Integrated OS means easier problem determination due to single vendor

Application Administrators

- NT administrators spend more time managing resources across all the physical Intel servers (CPU, DASD, Memory x # of servers)
- **iSeries does this management automatically** for CPU and memory and the disk is shared across all eBusiness workloads on the iSeries
- Cost of future software upgrades in staff time, etc..
 - Example: one large customer upgraded 11,000 users from Domino 4.6 to 5.0 within a day and the Notes Administrator was on site for only about an hour and monitored the database conversion remotely throughout the conversion (which would have taken several weekends for the NT environment)

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TCO: Floorspace

- Operations
 - Floorspace Calculation for PC Servers (Without service clearances)
 - 78 PC Servers plus 4 Tape drive racks (Compaq) assumes all units are rack mounted
 - Calculate the amount of floorspace occupied by a single server or tape drive
 - Typical PC Rack = 22 inches wide X 35 inches deep = 770 square inches
 - Convert "square inches" from step above into "square feet"
 - -770 / 144 = 5.347 square feet per server
 - Determine the total amount of square footage used by the servers Multiple 5.347 times the number of servers to be consolidated (82 in this example)
 -5.347 X 82 = 438 sq ft (not including clearances)
 - Calculate the value of the floorspace by multiplying the square footage by the cost per square foot to rent per month times 24 months or 36 months: example \$10/sq ft
 - -53.47 X \$10/ sq ft rental charge/month X 36 months = \$157,680

- Floorspace Calculation for iSeries (Without server clearances)

- Configuration example (2) 840 servers 9TB DASD each, 1 tape unit with 12 drives
- ▶ 23,760 / 144 = 165 sq ft
 - 165 sq.ft. Xatsh The sq.ft. rental icharge/mo X 36 months = \$59,400



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TCO: Disaster Recovery

Disaster Recovery Costs: Example 1

- IBM Disaster Recovery Site Protection PC servers
 - Customer example: \$148K/month for 200 PC servers
 - Approximate cost per server \$150K/200 = \$750 per month
 - Total DR cost for PC servers = 78 X \$750 = \$58,500 per month
 - ► 36 month comparison = \$58,500 X 36 = \$2,106,000
- IBM Disaster Recovery Site Protection iSeries consolidation
 - Approximately \$40,000/month for (2) 840 servers, 9TB DASD each, tape library
 - ► 36 month comparison = \$40,000 X 36 = \$1,440,000

Disaster Recovery Costs: Example 2

- Disaster Recovery Site Protection PC servers
 - For current 15 servers Disaster Recovery costs approximately 15,000/month
 - 36 month comparison = 36 X \$15,000 = \$540,000
- For IBM iSeries Disaster Recovery, same level of current service
 - 36 month comparison = 36 X \$8,500 = \$306,000

Domino Server Pricing - Comparison

Before 01/10/2003

Client Description	Lic with Maint 1 Year	Lic with Maint 2 Years	Renewal Before Lic	Renewal After Lic.
Mail Server	\$894	\$1,134	\$266	\$570
Application Server	\$2,308	\$2,927	\$688	\$1,731
Enterprise Server	\$6,423	\$8,145	\$1,913	\$4,100
Advanced Enterprise Server	\$25,713	\$32,606	\$7,659	\$16,412

After 01/10/2003 - With Per CPU Pricing

Client Description	Lic with Maint 1 Year	Lic with Maint 2 Years	Renewal Before Lic	Renewal After Lic.
Messaging Server	\$894/CPU	\$1,134/CPU	\$266/CPU	\$570/CPU
Enterprise Server	\$2,308/CPU	\$2,927/CPU	\$688/CPU	\$1,473/CPU
Utility Server	\$11,750/CPU	\$14,900/CPU	\$3,500/CPU	\$7,500/CPU

All prices Passport LVP Level A + NIM - Subject to change

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400	Host Integration Series	JustMail	WebSphere
CODE/400	Host on Demand	MQSeries	WebSphere Advanced Edition
DB2	Host Publisher	MQSeries Integrator	WebSphere Commerce Suite
Stylized	HTTP Server for AS/400	Net.Commerce	WebSphere Development Tools for AS/400
AIX	IBM	Net.Data	WebSphere Standard Edition
DB2 UDB for AS/400	IBM Logo	PowerPC	
Application Development	e-business logo	PowerPC AS	
APPN	Payment Manager	VisualAge for RPG	
AS/400	Integrated Language Environment	xSeries	
AS/400e	e(logo) Server	Operating System/400	
DB2 Universal	Screen Publisher	OS/400	
VisualAge for Java	iSeries		

VisualAge for Java

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