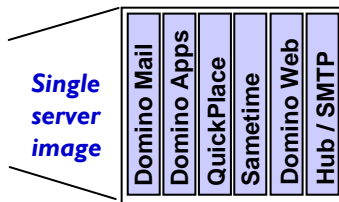


Top Ten Reasons to Consolidate Lotus® Workloads on IBM eServer™ iSeries™ and eServer i5

1

Run multiple Domino® partitions on a single server safely and reliably - Start and stop partitions independently of each other.

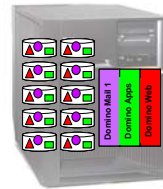
Subsystems = Workload isolation



I5/OS® subsystems isolate each Domino partition workload from being impacted by other partitions.

2

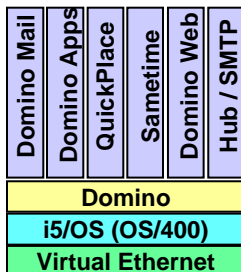
Simplify DASD. On an iSeries server, disk is treated like one big "C:Drive" – spanning volumes automatically using a round robin technique to balance data



- More disk arms can mean faster performance
- Regular "defrag" is not required on iSeries disk storage
- Hot spots of data are relocated to less busy drives automatically

3

May reduce Administrator hassle! Maintain a single copy of both Domino and of the operating system on your iSeries server.



- All Domino partitions share the same copy of Domino.
- Domino for iSeries software can scale to support 90%+ CPU utilization.*
- Significantly reduce Domino maintenance time compared to multiple-copy server farm approach.

* See iSeries results on www.notesbench.org

4

Improve availability - Automatically monitor the status of each Domino partition with the built-in Domino for iSeries "Watchdog" program

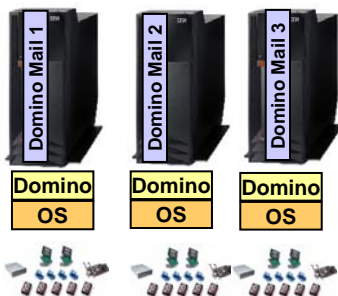


The Watchdog job will automatically restart a Domino partition that experiences problems -- without affecting other active Domino partitions

5

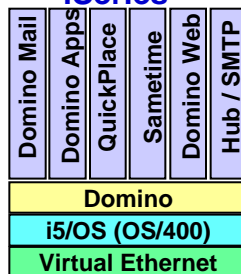
Increase utilization of your expensive resources – don't let memory, disk and processor cycles go idle. Share them among all Domino partitions

Typical server farm



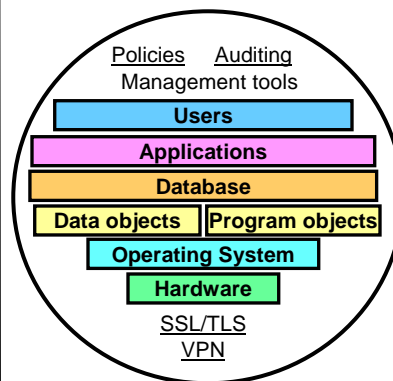
VS

iSeries



6

Reduce time spent administering security patches



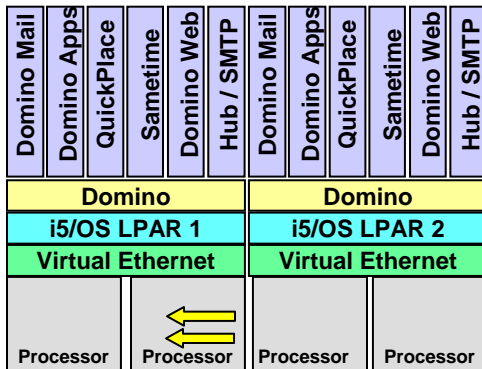
- Single, consistent, system-wide security covering all objects
- Object-based design not susceptible to viruses or tampering – "data" objects can not masquerade as programs
- No low level interfaces published

iSeries architecture is virus-resistant

Top Ten Reasons to Consolidate Lotus® Workloads on IBM eServer™ iSeries™ and eServer i5

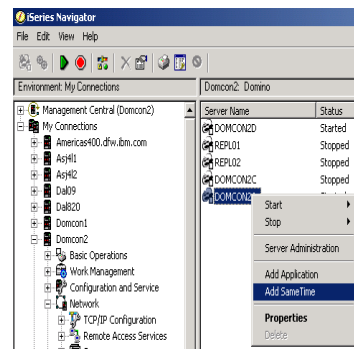
7

Use logical partitions (LPAR) to separate workloads and run multiple environments – move as little as 1/100th of a processor from one LPAR to another



8

Manage iSeries with a familiar, easy-to-use navigator

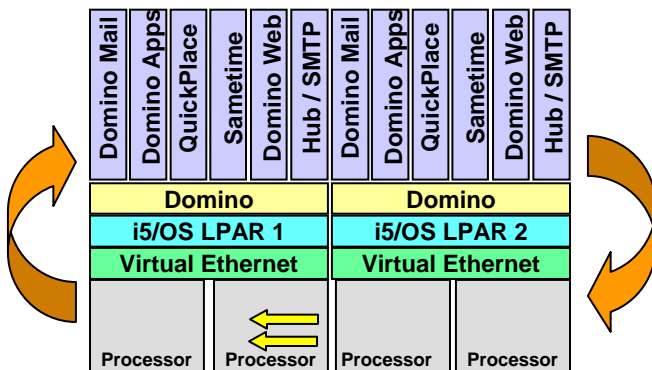


Use a familiar interface to:

- Start a Domino partition
- Stop a Domino partition
- Add Domino applications
- Add Sametime®
- Manage your iSeries environment
- Manage your Domino environment

9

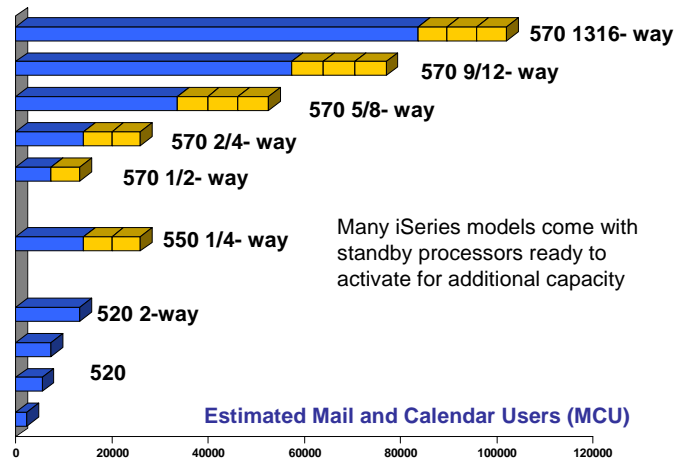
Save bandwidth on the network by enabling all of the Domino partitions on your iSeries server to replicate over the virtual 1GB Ethernet bus



The traffic never leaves the box!

Quickly respond to increased demand

10



Many iSeries models come with standby processors ready to activate for additional capacity

Estimated Mail and Calendar Users (MCU)

plus Three-in-One Benchmark – unmatched results for mixed workloads

Workload on IBM eServer i5 model 520 (single processor)	Number of users or transactions	Average CPU utilization	Average response time
E-mail: Domino Web Access with Domino 6.5.1	200 users	13.6%*	0.096 seconds
IBM Lotus Instant Messaging (Sametime)	200 users		0.012 seconds
WebSphere Trade3 (WAS with EJBs)	25.1 transactions / second	56.7%	0.141 seconds
PeopleSoft World (formerly JDE)	200 users	2.7%	0.079 seconds
Total:	ibm.com/eserver/iseries/hardware/threeinone		73.0%

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