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KEY FEATURES AND BENEFITS

- **Failover for mail and applications.**
  Ensure continuous access to your Domino messaging system and applications. If a system fails, users can keep working with minimal disruption, from the point of their last replicated transaction.

- **Dynamic load balancing.**
  Automatically maximize performance and scalability, even at times of peak usage.

- **Server consolidation.**
  Consolidate servers enterprise-wide, while distributing ownership of server resources through unlimited partitioning. Cluster any combination of Domino platforms, across any LAN or high-speed WAN. Use a built-in analysis tool to consolidate systems easily.

- **Billing services.**
  Track, report and analyze system usage for billing, chargeback and capacity planning purposes.

The Power to Connect People – Easily, Securely, Reliably™

For mission-critical activities that demand uninterrupted access and maximum performance under all conditions, the Lotus® Domino™ Enterprise Server provides value-added clustering services. Cluster Domino servers, for scalability and fault tolerance no single server can match. Workloads are dynamically balanced across the cluster, for optimal service even at times of peak usage.

Maximum Up-time for Applications

The Domino Enterprise Server delivers the industry's highest level of availability for applications. Within a Domino cluster, replicas of applications — including Web applications — remain continuously synchronized on a per-transaction basis. If a clustered server goes down, users are immediately transferred to another, fully updated instance of the application.
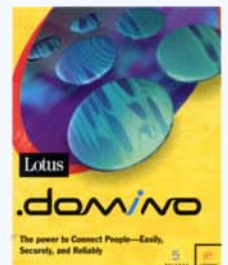
Server Consolidation Choices

You can configure Domino clusters independent of the hardware platform, operating system or location of individual servers. And you can partition individual systems to support an unlimited number

of Domino servers. This unparalleled flexibility lowers cost of ownership and maximizes utilization of resources, across any size deployment.

The Domino Server Family

The Domino Server Family is an integrated messaging and Web application software platform for growing companies that need to improve customer responsiveness and streamline business processes. You can rely on the top-rated, global service and support of Lotus, IBM®, and our worldwide network of Business Partners to help you maximize the return on your Domino infrastructure investment.

Industrial strength availability and scalability for mission-critical messaging and business applications.

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Diagram labels:

UNIX Server
Singapore

NT 2-way Server
New York

CLUSTER MANAGER

AS/400 Server
New York

NT 4-way Server
New York

Notes Client

Clustered Servers with replicated data

1. Client attempts to open database
2. Server not available/open rejected
3. Client immediately routed to next clustered server/ask Cluster Manager for alternate
4. Cluster Manager determines best alternative server
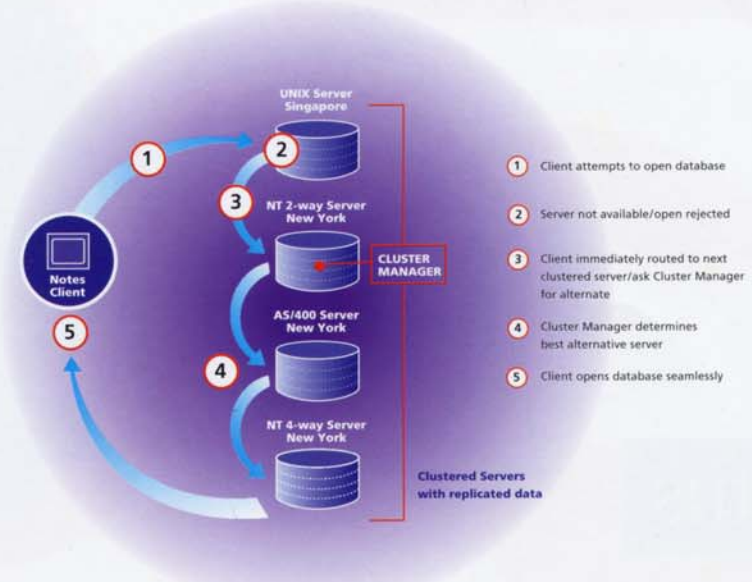5. Client opens database seamlessly

Only Domino Enterprise Server offers these unique benefits:

- **Highest availability for applications.** If a server or application goes down, users are immediately redirected to another server in the cluster. Domino replication synchronizes application replicas up to the last transaction performed. Events are cached for later delivery to unavailable servers.

- **Most efficient use of server resources.** Within a cluster, dynamic load balancing guarantees optimal resource usage — and optimal response times — under all load conditions.

- **Maximum scalability.** To increase capacity, simply add servers to the cluster as workload increases. Use partitioning to deliver hosting capabilities, by running an unlimited number of Domino servers on a single system.

- **Disaster recovery.** Keep an emergency back-up server up-to-date with your production mail and application environment. You can even cluster Domino Enterprise Servers across multiple locations over a WAN.

- **Support for consolidation and upgrading.** Cluster new Domino Enterprise Servers in parallel with systems to be replaced, then "fail over" to the new servers with no disruption of service. Cluster Domino R4.5 and R5 servers together to maximize reliability during your upgrade.

Domino Enterprise Server offers total flexibility to meet any organization's requirements.

- Cluster up to six servers — even mix Domino platforms.
- Cluster any combination of Domino R5 and Domino R4.5 servers.
- Deploy multiple clusters in a Domino domain.
- Include partitioned servers within clusters.
- Span multiple LAN segments to create campus-wide clusters.

Domino Enterprise Server delivers unequaled availability in even the largest deployments.

- **Web clustering.** The new Internet Cluster Manager (ICM) extends failover and load balancing capabilities to Web browsers, offering enhanced reliability for Web applications.

- **Compatibility with MSCS.** Using Domino clustering with the Microsoft® Cluster Server (MSCS) provides failover of both Domino applications and operating system services on Windows NT.™ The Domino Enterprise Server can co-exist side-by-side with MSCS, but MSCS is not required for Domino to provide application failover on NT.

- **Unlimited numbers of partitions per server.** Maximize your investment in massively scalable platforms like UNIX,® AS/400® and S/390.® On Windows NT, each partitioned server runs as a separate NT service.

- **Transactional logging for Domino databases.** The industry standard for reliable data storage. Ensures complete data integrity for updates and facilitates incremental database backup and fast restart after system failures.

- **Enhanced backup support.** APIs allow tight integration with third-party backup tools on all Domino platforms.

The Domino Enterprise Server delivers enterprise-scale manageability.

- **Simple, flexible administration.** Intuitive, task-oriented support for remote server administration, cross-domain administration, security management and much more.

- **Centralized control of Notes™ desktops.** Organizations that use the powerful Lotus Notes® client can centrally configure desktop settings like home server and UI preferences.

- **Integration with enterprise management frameworks.** The Domino Enterprise Server integrates with a wide range of industry-leading management frameworks, including all products that support SNMP. Certified as Tivoli-Ready.

- **Support for multinational deployments.** Native SMTP routing supports all major languages, simplifying the configuration of multilingual mail routing environments. The Domino Directory implements LDAP V3, which supports a multilingual directory implementation.

- **Comprehensive functionality and services** The Domino Enterprise Server delivers all the unmatched Internet messaging functionality and robust application services found in the Domino Mail and Domino Application Servers.

Supported Operating Systems:

Microsoft Windows NT 4.0 (Intel,® Alpha), IBM AIX® 4.3.1, HP-UX(TM) 11.0, Sun™ Solaris® 2.6 (SPARC® and Intel), IBM OS/2 Warp™ Server 4, IBM AS/400 V4R2 or later, IBM S/390 V2R6 or later.

For more information:

To find out more about the Domino Enterprise Server and other Domino server products, visit the Lotus Web site at www.lotus.com/dominoenterpriseserver

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