

## IBM Lotus Domino for iSeries



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### Highlights

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- ***Enterprise-class messaging and collaboration system***
- ***Integrated security of Domino for IBM @server iSeries helps protect your network***
- ***Domino for iSeries offers advantages of 64-bit architecture.***

### **Powerful, flexible communications**

Lotus Domino provides a multiplatform foundation for collaboration and e-business, driving solutions from corporate messaging to Web-based transactions – and everything in between. This enterprise-class messaging and collaboration system is built to maximise human productivity by unleashing the experience and expertise of individuals, teams, and extended communities. Maximise the openness and flexibility of your network with

Domino support for today's most popular client options: the rich Notes client, Domino Web Access for browser users (including Mozilla users with a Linux desktop), Domino Access for Microsoft® Outlook, and POP3 support for users with light e-mail clients. Plus, the world-class replication capabilities of Domino let users work offline, any time, any place.

### **World-class collaboration and coordination**

Lotus Domino makes it easy to communicate within and beyond your organisation, fostering collaboration and coordination both on and off the Web. Whether you're dealing with end consumers or Business-to-Business (B2B), Lotus Domino for iSeries – along with popular extension products like IBM Lotus Instant Messaging and Web Conferencing (Sametime) and IBM Lotus Team Workplace (Quickplace) – lends an essential human touch to your electronic interactions.

Lotus Domino goes beyond traditional e-mail and groupware. Domino provides e-collaboration with team members, strategic business partners and even customers using a LAN, Wide Area Network (WAN) or the Internet. With the unique ability of Lotus Domino to integrate structured and unstructured information into coherent databases, you can organise, coordinate or reinvent the most complex business processes.

### **Embracing Web technology**

When you're ready for the Web, Lotus Domino for iSeries is ready with you. Domino provides a complement of tools for creating and managing Web content. You can integrate your Domino applications with DB2 Universal Database (UDB) data to develop customer care solutions. You can extend your Domino applications with Java™ to enhance browser functionality. And you can depend on the integrated security of Domino for iSeries to help protect your network.

### **Rapid application development**

With Lotus Domino, you can create custom business applications that coordinate everyday business processes from start to finish to achieve results, such as improved

customer service, improved sales-force productivity and faster time-to-market for products. Domino customers consistently see significant payback on their Lotus Notes investment, whether or not they enable their Domino applications for the Web.

### **Portability and interoperability**

Lotus Domino is a server product that runs on a variety of platforms (including all IBM @server models which includes the iSeries family of servers, xSeries, pSeries, zSeries and others), providing easy-to-manage interoperability in a heterogeneous network. With the sophisticated replication capability of Domino, applications are easily distributed to multiple Domino servers in your enterprise and are just as easily deployed to end- users. Replication also simplifies the job of deploying application changes. Domino applications are available to any Notes client (such as Microsoft Windows® 95/98, Macintosh, Windows NT®, Windows 2000 and others). You can also access Domino server functions from a Web browser running Internet Explorer or Mozilla or from a workstation running Microsoft Outlook.

### **Breakthrough performance and scalability**

The unique architecture of the IBM @server i5 – the latest member of the iSeries family – allows IBM engineers to focus on new technology and improved performance without worrying about the impact on the operating system or applications. The IBM @server i5 architecture isolates i5/OS and applications from even the most dramatic changes to the underlying hardware. With a single architecture, it provides a vast spectrum of price performance to help meet the needs of many environments. Domino running on IBM @server i5 builds on the reputation of previous iSeries family servers for low management costs. On a single server architecture, you can cost-effectively deploy Domino for a dozen users or for as many as 150,000 mail users.<sup>1</sup> In every case, Domino for iSeries takes advantage of the IBM @server i5 64-bit architecture.

### **IBM iSeries servers: An ideal platform for Domino**

The unique IBM @server i5 memory and processor architecture enables you to run multiple Domino workloads within a single server footprint. Each Domino server runs in its own i5/OS

subsystem, independently of the other Domino servers and any other applications that exist on the same server. If a problem occurs with one Domino application, it doesn't affect Domino applications in any other Domino server or any non-Domino applications on the same server. The failed Domino server can be brought back online without restarting the system. Consequently, it's safe to run a complex, multi-Domino server solution on the same machine that runs your mission-critical line-of-business applications.. This ability to consolidate Domino and other workloads on a single machine maximises cost-effectiveness and makes your entire Information Technology (IT) infrastructure easier to manage.

In addition to the application protection provided by discrete subsystems, Domino for iSeries takes advantage of the reliability and availability features of the server, such as RAID-5, mirrored disk units and integrated backup capability. With Backup Media and Recovery Services (BMRS) software, Domino for iSeries allows for outstanding online server backup support, so you no longer need to shut down Domino servers in order to maintain them. Domino for iSeries includes unique automatic restart capabilities so that your server can initiate recovery from errors that require manual intervention on other server platforms.

#### **Powerful integration**

Lotus Domino for iSeries includes integration between Domino databases and DB2 UDB databases. Organisations requiring more

advanced data and application integration can take advantage of the power of Lotus Enterprise Integrator (LEI). Beginning with Domino 6.5.1, LEI for iSeries includes the ability to access data in non-DB2 relational databases.

For administrators, Domino for iSeries integrates with iSeries Navigator to provide a seamless capability to manage an entire iSeries server implementation from a single consistent user interface.

#### **Proven security**

Integrated, flexible security is a strength of both Domino and i5/OS. Advanced architecture makes a properly configured iSeries server virus- and hacker-resistant. Both Domino and i5/OS support the latest encryption technologies.

## Domino for iSeries Terminology

Lotus Notes is the client product that runs on a variety of workstations and operating systems.

Domino Web Access provides Domino access to Web browsers (including Internet Explorer and Mozilla). Domino Access for Microsoft Outlook provides Domino access for users with Microsoft Outlook clients.

Lotus Domino is the server product that runs on a variety of server platforms. It is fully Internet-ready and supports a variety of clients. Before Lotus Domino 4.5, the client and server products did not have separate names. Both were called Lotus Notes. From an application perspective, Lotus Domino and Lotus Notes are often used interchangeably.

A Domino or Notes database is a collection of documents that are usually associated with some business purpose. For example, you might have a database for customer service, for personnel policy database or for sales-force automation.

A Domino or Notes document is an individual unit of information in a database, similar to a relational database record or a Web page. A Notes document can contain both structured data (such as fields in a database file) and unstructured data (such as images or rich text).

DB2 UDB Database for iSeries is the integrated relational database that is part of every iSeries family server. DB2 UDB for iSeries stores structured data (fields) in rows and columns.

A Domino or Notes application is the user interface for one or more Domino databases (and potentially DB2 UDB databases). An application typically includes forms for displaying and updating specific documents, views for displaying a set of documents and agents for performing planned actions against documents. For example, an agent might route documents to other users or archive old documents.

### For more information

To learn more, visit:

**ibm.com**/eserver/iseries/domino or  
[www.lotus.com](http://www.lotus.com)



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<sup>1</sup> Result for a recent NotesBench benchmark measuring R5 Mail users on an iSeries model 890. Actual customer results may vary.

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