



iSERIES -- the iDEAL Server for iNOTES Access for Microsoft Outlook

In today's Internet economy, simplicity, flexibility, and economies of scale are increasingly important. This is particularly true when the challenges are complex -- for example, round-the-clock Web site availability, seamless access to your enterprise data, collaboration with customers and trading partners.

IBM @server™ iSeries™ servers deliver simplicity through intelligent integration and innovation. iSeries provides the performance and flexibility today's organizations need to be successful in the e-business marketplace. Furthermore, iSeries architecture offers many characteristics designed to shield the typical business user from technical concerns, allowing you to focus on your business rather than technology.

iSeries is one of the most popular platforms for messaging and collaboration and Web applications served by Lotus® Domino™. Domino running on iSeries offers unique integration features, record-breaking scalability, and high availability through partitioning and clustering on a single footprint. For unsurpassed availability and optimal performance at all times, Domino server clustering provides failover for messaging and Web applications, as well as dynamic workload balancing.

One key driver of simplicity and reduced cost of ownership is server consolidation. It is estimated that 40% of Microsoft Exchange customers have more than five Windows NT servers, and many have hundreds. Surveys show that the average number of users per Exchange Server is 100 to 600. It is not uncommon to find iSeries servers with 1,000 to 10,000 Domino users.

With Lotus Domino on iSeries and Lotus iNotes™ Access for Microsoft Outlook®, you can consolidate multiple Exchange servers onto a single iSeries server running Domino, while continuing to use your Microsoft Outlook client. Thus, you can benefit from significant cost reduction and vastly improved function, reliability and security with a familiar user experience on the workstation. And with Operations Navigator, provided at no additional charge with the iSeries operating system, you maintain a familiar Win32 graphical interface for server administration as well.

What is iNotes?

Lotus iNotes is not a product. It is an umbrella brand that encompasses access to the Domino server with Web browsers, Microsoft Outlook and POP3 clients. iNotes represents the extension of Domino messaging and collaboration, personal information management (PIM), and offline services to the users' choice of clients. The iNotes licensing model includes browser-based access to a wide range of Domino services, including both messaging and collaborative applications.

With Domino 5.0.5 (or higher) and iNotes Access for Microsoft Outlook, you can more easily consolidate existing Microsoft Exchange server farms onto a single iSeries server running Domino. While keeping a familiar user experience on the workstation, you can reduce your cost of ownership and improve function, reliability and security. Users work with many mail and calendar functions in the Microsoft Outlook interface, served by Domino running on iSeries. Supported features include rich text, folders, free/busy time search, directory lookups, and integration with Microsoft Office.

Microsoft Outlook users can now use an Outlook client in disconnected mode using the award-winning Domino replication services. This extension to Microsoft Outlook is provided by



Domino Off-line Services (DOLS) in Domino 5.0.5 and above. While disconnected from the network, Outlook users can read their mail, create mail messages, respond to calendar invitations, and more. When they re-connect to the Domino server, they can synchronize their changes using Lotus iNotes Sync Manager. Additional features of iNotes Access for Microsoft Outlook that are not available on Exchange include full-text search capability across all mailbox data and native support for Internet standards (e.g., SMTP/MIME and HTML).

Prior releases of Domino supported Microsoft Outlook and Outlook Express clients, but only for basic messaging. This limited capability continues to be available for Outlook Express clients via Domino support for Internet standards such as POP3 and IMAP. However, for Microsoft Outlook 98 and 2000, iNotes Access for Microsoft Outlook provides a higher degree of function with native support that includes calendaring as well as mail. iNotes Access for Microsoft Outlook also facilitates client code distribution, supporting the download of the optional DOLS client code from the Domino server for ease of deployment.

What are the requirements for iNotes Access for Microsoft Outlook?

- To natively connect Microsoft Outlook clients to a Domino server running on iSeries, you need:
- Lotus Domino 5.0.5 (or higher) on iSeries, which includes Domino Off-line Services to support download of client code. You will need a license for the type of Domino server appropriate for your environment (Domino Mail Server, Application Server, Enterprise Server, or Advanced Enterprise Server).
- An iNotes license for each workstation, allowing authenticated access to the Domino server and the use of iNotes Access for Microsoft Outlook and iNotes Sync Manager
- End user workstations require:
 - Pentium P133 or greater
 - 32MB RAM
 - 100 MB of disk space
 - Microsoft Outlook 98 or 2000
 - Windows 95, 98, 2000, NT with Service Pack 4
 - Internet Explorer 4.0 SP1 or above, or Netscape 4.5x or higher (to download the Outlook enhancement code from the Domino server)

To set up the environment, you use the Domino Administrator Client that is provided with the Lotus Domino server. An administrator registers the users in Domino and enables Domino Off-line Services. User registration involves the creation of a mail file based on an Extended Mail template. When the user connects to his or her Domino mail file URL with a browser, a few mouse clicks is all it takes to enable the Outlook client to begin using Domino messaging.

Note: if you need to customize or modify the supplied Extended Mail template, you will also need a Domino Designer client.

How do I migrate existing data from Microsoft Exchange?

If you have existing Microsoft Outlook users, various tools can assist you with a smooth migration from Microsoft Exchange to Domino. One set of basic migration tools, called Domino Upgrade Services, is included as an installation option with the Domino Administrator client. With the Microsoft Exchange DUS, you can perform batch registration of users and convert their mail and/or calendar information to Domino. The tool can migrate a single user, group of users, or an entire post



office. Mailbox conversion runs on the Administrator workstation, leaving your Domino server free to do what it does best -- serve users. More robust and comprehensive tools, available from Independent Software Vendors such as BinaryTree.com, can provide additional data conversion and process automation that is often desirable, particularly in larger scale implementations.

Because Lotus Domino supports many popular client types, Microsoft Outlook users can access their new Domino mailboxes with other clients as well (e.g., Lotus Notes® or a Web browser). This flexibility makes it very easy for users to switch to iNotes Web Access (browser-based messaging using Microsoft Internet Explorer 5.01 or higher) or move to Lotus Notes, the world's leading full-function collaborative client. As of year end 2000, Lotus reported 78 million users with Notes™ as their primary e-mail tool.

What are the benefits of upgrading from Microsoft Exchange to Lotus Domino on iSeries?

Lotus Domino is much more than electronic mail and enterprise calendaring. It provides a scalable, reliable infrastructure that is the basis for communication, decision making, and document management. Domino encompasses a robust and more secure Web application server, a flexible document object store, and an environment to develop powerful applications that initiate workflow processes and integrate with enterprise data.

Lotus Domino brings e-collaboration to business-to-business connections and e-marketplaces, shaping the future of business interaction by preserving and extending the human element. Its infrastructure is extensible to support emerging technologies such as same-time collaboration, unified messaging, pervasive computing, distance learning, and knowledge management.

Choosing IBM @server iSeries as your Domino platform helps you to end proliferation and embrace integration. iSeries is known for robust reliability and availability. It safely runs many applications simultaneously by logically insulating applications from one another. iSeries is also one of the most securable servers in the industry, with an object based architecture that provides strong resistance to viruses or tampering. iSeries holds the record for Lotus Domino scalability and performance, demonstrating 75,000 NotesBench™ R5 Mail and Calendar users in a July 2000 benchmark.

Scalability, reliability and security plus data integration and centralized management make iSeries the ideal choice for Microsoft Exchange server consolidation. iNotes Access for Microsoft Outlook combined with Lotus Domino on iSeries provides something for everyone. The administrator's job is greatly simplified with fewer and more reliable servers, not to mention optional failover and load balancing for mail. Users get superior mobile access and high-value features like full text search capability -- all with with a familiar Outlook interface and no additional training. And executive management sees lower total cost of ownership and the business benefit that can result from incorporating e-collaboration into e-business.

Want to know more about iNotes Access for Microsoft Outlook and other iNotes offerings? Visit:

<http://www.lotus.com/inotes>

For more about why Lotus Domino is the best upgrade for Microsoft Exchange, see:

<http://www.lotus.com/compare>

For more information about migration to Lotus Domino from Microsoft Exchange, go to:

<http://www.lotus.com/migration>

Everything you want to know (and more) about Domino running on iSeries can be found at:

[Http://www.ibm.com/eserver/series/domino](http://www.ibm.com/eserver/series/domino)



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