



Simplified Technology Solutions, Inc



Analysis and Design Assistance

Custom Application Development

Systems Integration Services

# IBM Lotus Notes/Domino 8.5.1 and 8.5.2 GLUG Q3 2010

by Darren Duke



IBM. Lotus software



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## STS – For those who don't know....

- Simplified Technology Solutions (STS)
  - has over 15 years experience in the Domino world dating back to R3
  - IBM Advanced Business Partner
  - Largest Lotus BP in the SE
  - BPAC, Design Partner and LoLA Members
  - Deep expertise in AS400, AIX and Linux and running Domino on VMware
  - Cover the entire Lotus brand
    - Domino
    - Connections
    - Quickr
    - Sametime
    - Protector
    - Lotus Mobile Connect
    - LEI



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## Who is this dude?

- From England (he tawks funnee, y'all!)
- Degree in Software Engineering
- Speaker, blogger, podcaster and commentator
- Top 5 rated blog on Planet Lotus
- Speak at LUGs and events around the US
  - Including Lotusphere
- Started with Notes at 3.3
  - Before IBM bought Lotus!

“Experience is the name everyone gives to their mistakes” – Oscar Wilde



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## Agenda

- Polls
- Notes and Domino 8.5
- Notes and Domino 8.5.1
- Notes and Domino 8.5.2
- Q & A
- Mobility Presentation
  - These are not your fathers “incremental updates”
  - Who remembers QMRs?
    - These are way better
    - Net new functionality added with each point release



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## Polls

- How much does it cost your organization to purchase Notes and Domino 8.5?
  - Nothing. If you are current on IBM Passport Advantage maintenance you have access to the latest version available
- Anyone on R7?
- Anyone on R8?
- Using Sametime?



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## IBM Lotus Notes and Domino Market Leadership

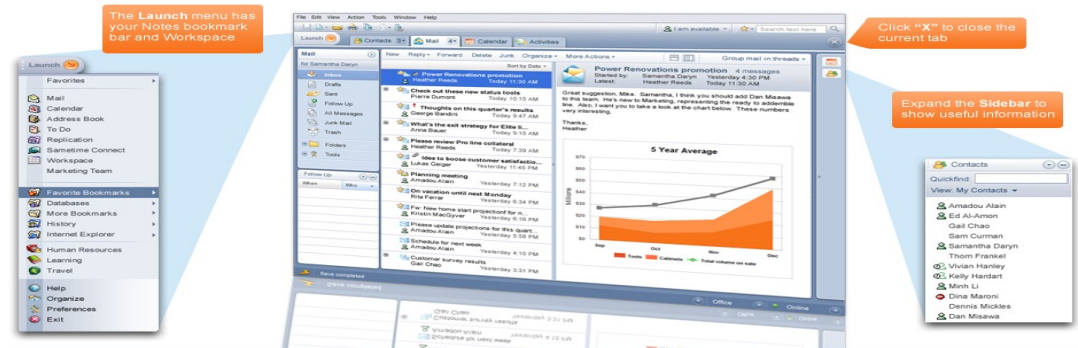
- 20 years of leadership in the collaboration space
- Over 130M licenses of Lotus Notes and Domino have been sold worldwide
- Lotus Notes and Domino has seen sixteen consecutive quarters of year-to-year growth from 4Q04 through 4Q08 (have added over 18,000 customers since 8)
- More than half of America's largest 100 corporations use Lotus Notes and Domino
- More than half of the FORTUNE Global 100 corporations use Lotus Notes and Domino
  - 8 of the top 10 banks
  - 4 of the top 5 consumer products corporations
  - 7 of the top 10 electronics corporations
  - ◆ 8 of the top 10 insurance corporations
  - ◆ 8 of the top 12 pharmaceutical corporations
  - ◆ 9 of the top 12 telecommunications corporations
- Lotus data indicates that approximately 97% percent of Lotus Notes and Domino customers are on the 7.0.x release or higher



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# What are the key benefits of Notes 8.x?

- Eclipse and open platform
- Composite Applications
- Improved user interface
- Productivity Editors
  - aka Symphony
- Enhancements to core mail, calendar, and contacts
- Continued multi-platform client support (Windows, Linux and Mac)
- Server-managed and provisioned
- NO rip and replace (with addition of Basic client)



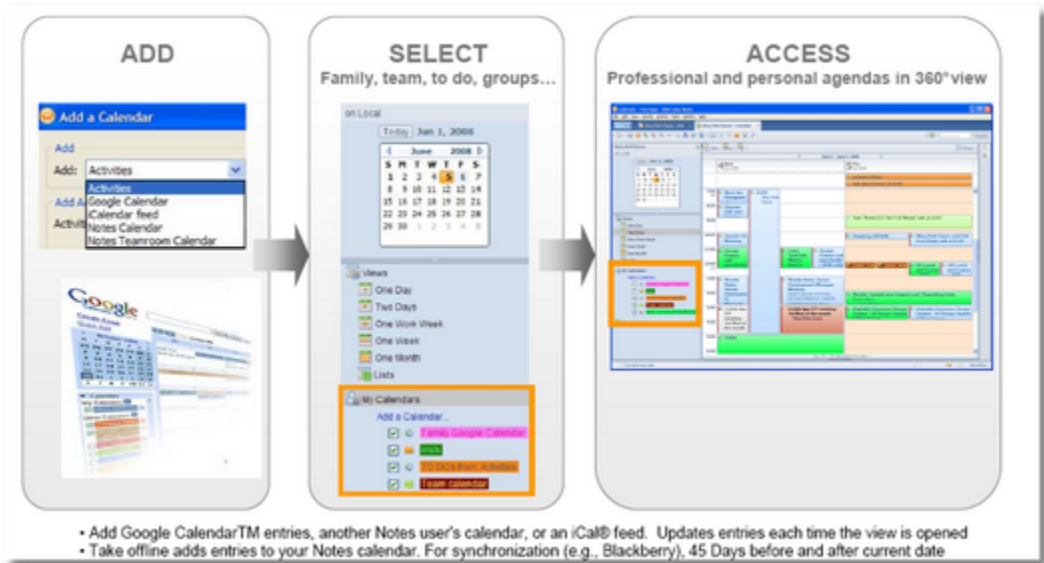


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## What are the key benefits of Notes 8.5?

- Better contextual menus
- Updated Symphony
- Calendar Federation – add, select, access
  - iCal
  - Google Cal
  - Other Notes users
  - Notes apps
  - Connections

- vCard standardization
- iNotes looks like client
- Open In New Window
- Signature stored in mail file
- ID Vault

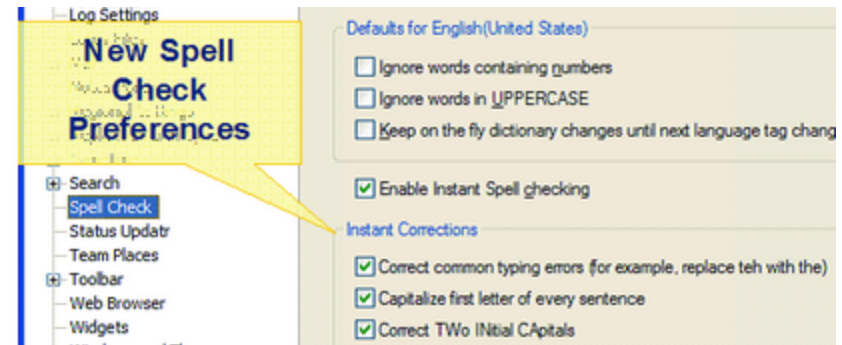




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## What are the key benefits of Notes 8.5.1?

- Better contextual menus (again!)
- **XPages in the Notes client**
- DAOS comes to the client
  - Client will not send “known” attachments
  - Requires ODS 51
- Lotus Protector for Mail Security Integration
- Vastly improved “drag and drop”
  - Drag tables in emails
  - To and from Sametime for email and meetings
- Roaming improvements
  - Workspace
  - Widgets
- “Synchronize Contacts” via a policy
- Additional spell check options – aka “instant corrections”



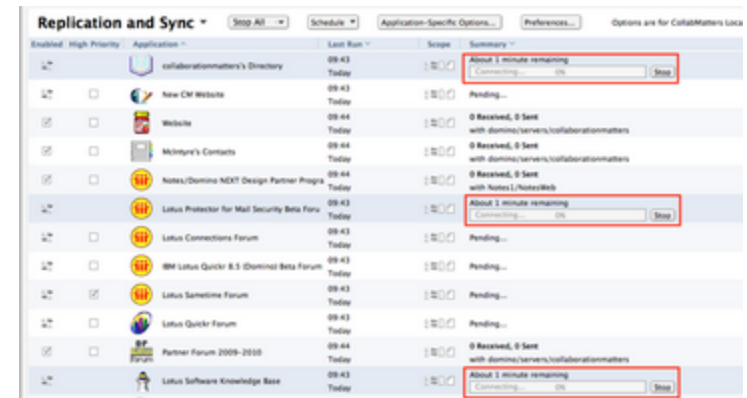
Archive	darren.duke@simplified-tech.com	tech.com	E
Spam Protection	support@totalyfreconferencials.com	darren.duke@simplified-tech.com	C
Blocked Messages	nonreply@ntk.wttech.com	darren.duke@simplified-tech.com	F
Blocked Senders	support@totalyfreconferencials.com	darren.duke@simplified-tech.com	C
Allowed Senders	m-anfkyq-ybdgjk@gpu/tnhghstschov-742j@bounces.linkedin.com	darren.duke@simplified-tech.com	F
Tools			
Other Mail			



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## What are the key benefits of Notes 8.5.2?

- **Managed mail replicas**
  - Convert local databases to ODS 51 automatically!
  - Configure all mail to use local mail.box
    - Asynchronous email sending
  - Auto replicate when new mail arrives on the server
- **Seamless mail cluster failover**
  - No more popups to users when failing over
- Save email as a “eml” attachment
- More granular control of XPages in Notes
- **Multi-threaded replicator**
- Start up time improvement
  - Up to 30%
- Database icons > 16 colors
- LotusLive! Notes extensions





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## Domino Server 8.0.x improvements

- New and enhanced messaging
  - Message recall
  - Web password lockout (“x” strikes rule)
  - Improved Out-Of-Office – sent immediately, not after 6 hours
- Dramatic improvements in admin, performance and security
- Sub processor licensing for VM installs
- Open applications infrastructure
  - Web services provider & consumer
- Consistent architecture, same skill set as R5 onwards





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## Domino Server 8.5 improvements

- DAOS-Domino Attachment and Object Service
  - Reduce overall NSF sizes by up to 77% in disk space
- ID Vault
- DCT – Domino Configuration Tuner
- DDE-Domino Designer in Eclipse
- X-Pages design element (Java Server Faces)
- Native 64 bit OS support for Windows 2003 and AIX, others coming in subsequent releases
- FIPS 140-2 support
- iPhone support via Traveler Ultra-lite





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## Domino Server 8.5.1 improvements

- DAOS Enhancements
  - Router and Replicator will not send “known” attachments
  - Massive potential reduction in bandwidth
- ID Vault added to iNotes and Traveler
- iPhone native support via Traveler 8.5.1
  - iPad supported too, with a fix pack
- SSO with Domino web applications
- “Free” Domino Designer
- SPEGNO
- Over 1,000 other fixes





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## Domino Server 8.5.2 improvements

- Traveler improvements
  - Runs on Domino Linux
  - features of iPhone and iPad extended
  - Remote wipe
  - Ultra-lite support for Android
  - Native Android coming in Q4 2010
- 64 bit ODBC
- Email interop enhancements
- ID Vault APIs
- Development additions
  - Java 1.6
  - Dojo 1.4.1
  - CKEditor





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## Notes/Domino 8.5 entitlements

- Existing entitlements from **ND6/7**
  - **Integrated instant messaging/presence**; *functionally unchanged (other than graphical) from ND6/7*
  - **WebSphere Application Server 6.1** limited entitlement
- New entitlements in **Notes/Domino 8**
  - **Tivoli Directory Integrator**: For use when integrating Domino with non-Domino directories (such as LDAP, Active Directory)
  - **Quickr Entry Edition** : File and share content
  - **DB2 9.1**: Limited entitlement for storing Domino data only\*\*
  - **Lotus Expeditor**: Limited entitlement for use within context of Notes and composite applications
  - **Lotus Component Designer**: Entitled with Domino Designer 8
    - Intended to introduce Domino app developers to LCD



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## Continued Growth and Innovation

### Lotus Notes 7.0.2

- Lotus Notes on a Stick
- RSS feed reader
- iCal import and export
- Blog Template
- Notes Access for SAP Solutions
- Macintosh support
- Linux Support (7.0.1)

1Q07

**Lotus Notes &  
Domino 8.0  
Public Beta**

### Lotus Notes 8.0

- Enhanced mail, calendar, contacts
- Continuity for Notes users
- Activity centric computing
- Contextual collaboration
- Composite Applications
- Windows, Vista and Linux

3Q07

### Lotus Domino 8.0

- Mail recall
- Extended policy management
- Extended Web services
- Composite applications

### Lotus Notes 8.0.1

- iCal subscription

Feb 2008

### Lotus Domino 8.0.1

- 64-bit support
- FIPS-140 for Notes mail
- Extended email security
- New DWA low-bandwidth

### Lotus Notes 8.5

- Continued UI refinement
- Composite application extensions
- Social software extensions
- Updated Mac client

Jan 2009

### Lotus Domino 8.5

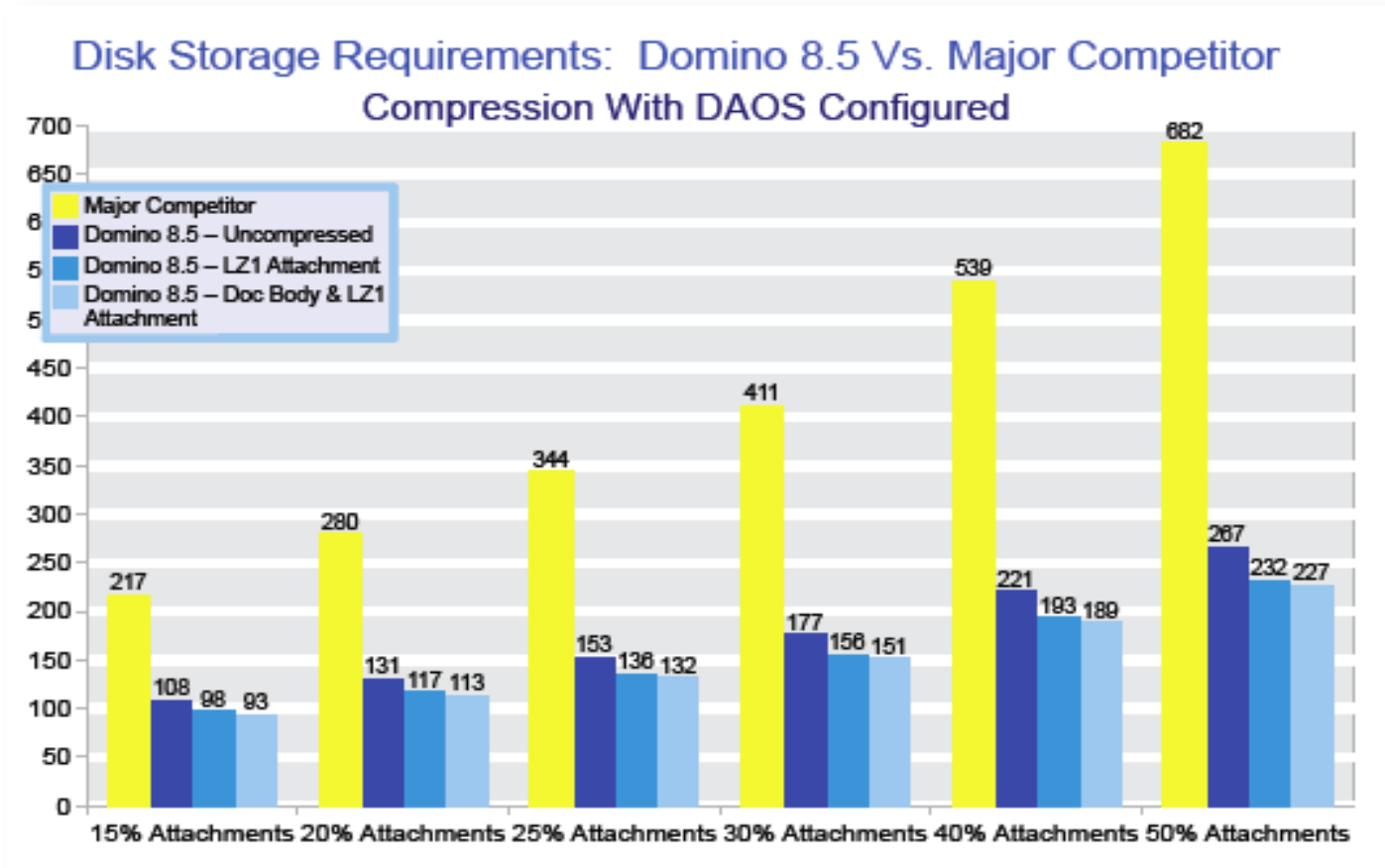
- Reduce cost of storing e-mail
- Active Directory support
- Simplified ID management
- Web application development Updates - XPages

*Note: Information is subject to change*



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## Domino 8.5 Server - DAOS



Courtesy Ed Brill ([www.edbrill.com](http://www.edbrill.com))



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## Domino 8.5 Server – Other Features

- Mail Router has been re-engineered, much better performance
- CPU cycles for transaction logging reduced by over 50%
- New transaction logging format
  - Be careful changing this
- Quickr Services for Domino 8.2 can use DAOS
- Performance improvements \* (for W64, other platforms similar):
  - Total disk operations per second reduced by 33%
  - Total disk reads per second reduced by 61%
  - Processor percent busy reduced by 38%

\* <http://www.ibm.com/developerworks/lotus/library/domino85-performance/>



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## Thank you for your time!

- For further information contact or to schedule an upgrade
  - Lisa Duke, [lisa.duke@simplified-tech.com](mailto:lisa.duke@simplified-tech.com) or 678 378 4278
- Lots more information on the STS web site and blog:
  - <http://www.simplified-tech.com>
  - <http://blog.darrenduke.net>
  - Twitter – be sure to follow darrenduke and simplifiedtech
- We are an authorized IBM Software, IBM System x servers, and Vmware reseller for new sales and renewals
- R6.5 is being “End Of Life” in April 2010, R7 in 2011



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