

Lotus knows.

Smarter software for a Smarter Planet.

IBM Lotus & Mobility The Nirvana of I.T. - Today

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Agenda

- Who is this dude and what will I learn?
- What is Mobility
- Lotus Mobile Connect
- Lotus Traveler
- BES 5.0.1
- Applications
- Q & A

Who is this dude?

- Darren Duke
 - Technical lead and founder of Simplified Technology Solutions, Inc. (STS)
 - From Atlanta, GA (despite the accent – originally from Hartlepool in the UK)
 - Been “involved” with Notes/Domino since R3
 - All I do is Lotus portfolio related
 - Presents at LUGs around the US
- Blogs, websites, etc
 - <http://blog.darrenduke.net>
 - <http://www.TipsInTwo.com>
 - <http://www.simplified-tech.com>
 - <http://www.planetlotus.org>
- “Experience is then name one gives to their mistakes” – Oscar Wilde

What is “Mobility”?

- It is a concept of allowing users to interact with IT systems and applications when not connected directly to the organization infrastructure
- Usually via some secure mechanism
- This “interaction” can be from a wide variety of devices and connection options
 - “Thin” Client Access
 - BlackBerry, iPhone or other “smartphones”
 - Web browser from non-organization computers
 - “Thick” Client Access
 - VPN for “thick” clients like laptops and other devices

There's a [Lotus] app for that!

- Just like the Apple iPhone....
 - Need to find a clean public toilet? There's an app for that! (no, seriously, there is!)
 - Need to get lost in downtown Chattanooga looking for a restaurant? There's an app for that!
- The same is true for the Lotus Portfolio....
 - Need a secure, reverse proxy for iNotes access? There's an app for that!
 - Need to access Quickr from a BlackBerry or iPhone? There's an app for that!
 - Need Android capabilities. There's an app for that (soon)!
 - Need access to email, calendar and PIM from a wide variety of phones?....

Mobility use case 1 – Laptop or Netbook

- As a user I may access Lotus Notes, Quickr and/or Connections (or any other TCP/IP application) from outside the office
- With Lotus Mobile Connect (LMC) IBM Lotus provides a FIPS compliant VPN solution
 - Cluster capable
 - Use multiple LMC servers to provide 99.999% up-time
 - Client and server installs on a wide variety of platforms
 - Seamless roaming
 - Move between different data connections without have to re-establish connectivity
 - LAN
 - Wifi
 - Wireless (3G, 4G, CDMA)
 - Does not fool the underlying application
 - Used when automatic re-establishment of connectivity is important
 - Police, Fire with terminals installed or any other “roaming” environment
 - Wide area roaming when you maybe in and out of coverage
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Mobility use case 2 – Browser

- As a user I may access Lotus Notes, Quickr and/or Connections via a browser
- With Lotus Mobile Connect (LMC) IBM Lotus provides a FIPS compliant VPN solution
 - Cluster capable
 - Use multiple LMC servers to provide 99.999% up-time
 - Client and server installs on a wide variety of platforms
 - Provides “client-less” VPN client for HTTP and HTTPS applications such as iNotes
 - Surface web application via a secure reverse proxy without exposing application server to the DMZ
 - Fast install time to allow iNotes access from browsers anywhere in the world
 - With iNotes, this can reduce costly PVU counts needed to create a iNotes server in the DMZ
 - Reduced complexity
 - Reduced cost

Mobility use case 1 and 2 - LMC

- Single product (LMC) provides solution for both user cases
- Any Notes/iNotes Collaboration customer, CEO Communications customer, or new Enterprise CAL customer
 - You will receive an entitlement to the LMC client
 - All you have to purchase are the required PUVs of the LMC server
 - That's right, any customer that is in the above list, gets free LMC Clients for each Notes CAL!!!

Smartphone Access

- A lot has happened in the last 18-24 months in the smartphone arena
 - iPhone started to make in-roads as an organizational device
 - Google's Android OS making a break for enterprise customers
 - BlackBerry released BES 5.0 SP1 and Device OS 5.0 which now gives organizations some real reasons to upgrade
- IBM Lotus Traveler, a free entitlement, continues to evolve and add functionality
- The “app” stores have changed the way users interact with devices

IBM Lotus Traveler

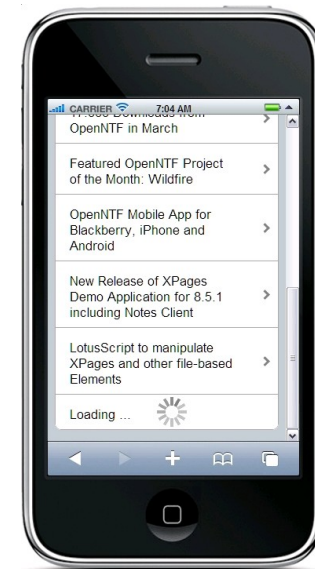
- Native, two way, OTA synchronization of
 - Lotus Notes email
 - Calendar
 - Contacts
- Remote wipe
- Multiple device choices
 - iPhone/iTouch
 - Windows Mobile
 - Nokia
 - Android (coming in 2010 – private beta available soon)
- Traveler server on Linux coming soon!
 - Any 7.0.2 or higher mail server can be accessed via a remote Traveler server
 - Supports 6.5.x, 7.0.x and 8.x mail file templates
- Traveler CAL is free!

BlackBerry Enterprise 5.0 SP1 and Device OS 5.x

- BES 5.0.1 brings (some require Device OS 5.0):
 - Lotus Domino 8.5.1 support
 - MS SQL Server 2008 support
 - VMware 3.5 and 4.0 ESX support
 - Domino 8.x Out-of-office Service support
 - ID Vault support (for encrypted messages)
 - ODF attachment viewing support
 - Flag email for follow up on the device

Mobile Application Support

- RIM have finally released the long awaited clients for
 - Lotus Quickr
 - Call
 - Email
 - Bookmark
 - Lotus Connections
 - Seamless integration with the device and it operations
- IBM have released to OpenNTF “XPages Mobile Controls”
 - Reusable XPages specifically designed for mobile devices
 - BlackBerry
 - iPhone
 - Android
 - Created by IBM
 - Utilizes Dojo 1.5
- SNAPPFiles for iPhone/iPad





Mobility is Lotus Notes too!

- In 8.5.1 DAOS came to the client
 - “Known attachment” not sent during replication
 - Reduces bandwidth and increases responsiveness
- In 8.5.2 IBM Lotus are radically re-vamping the local replica tool set
 - Multi-threaded replicator
 - Ability to send all email via local mail.box
 - No more synchronous lockups for remote users
 - Convert user to local replica user via policy
 - Complete control
 - Convert local mail file and mail.box to ODS51 for DAOS



Summary

- Lotus Knows Mobility
 - End to end
 - Device agnostic
 - Many of the options I have shown today are free entitlements to most customers!

- Q & A

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