






Going Mobile with Lotus Traveler

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Agenda

-  **What is Traveler**
-  **Installing the Server**
-  **Configuration and Policies**
-  **Clients**
-  **Into the future!**

What is Traveler



Bi Directional synchronisation from Domino to a variety of Mobile devices

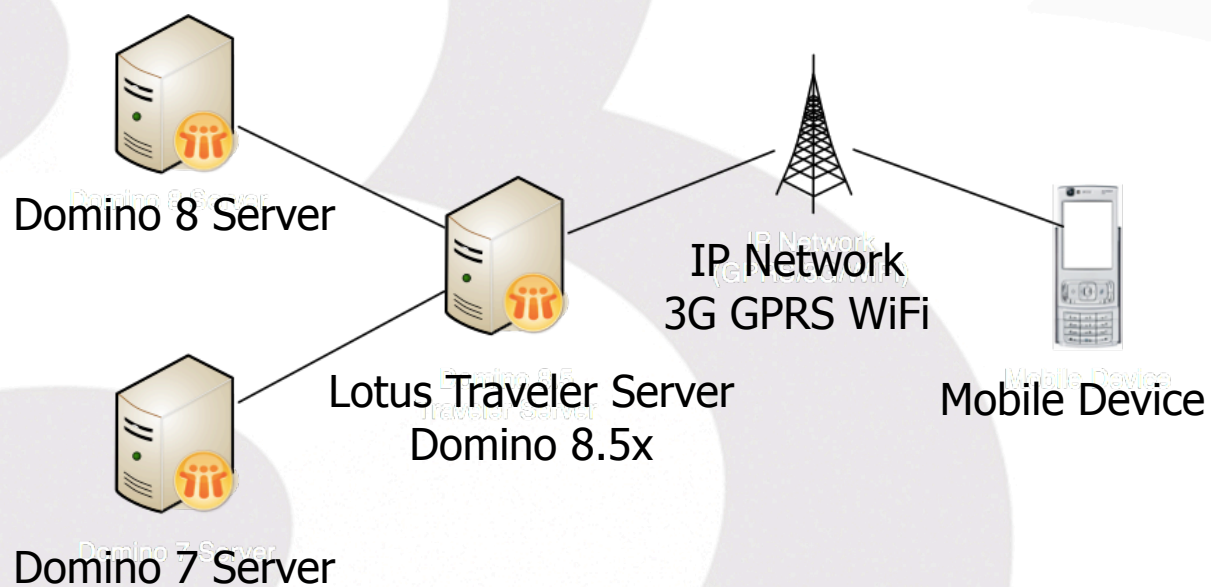
- mail
- calendar
- contacts
- to do
- Journal / Memos



How Does it Work

- Runs as a Domino task
- Configuration done via Domino Administrator
- Customise quantity of data per user to sync
- OTA using GPRS or WiFi
- Compressed Data between client and server
- Encrypted Data to devices
- Supports device based VPNs






And shown as a pretty image



What Devices Are Supported

- iPhone OS2 and OS3
 - 3 Strongly recommended
- Nokia Series 60 3rd and 5th Edition Devices
- Windows Mobile Devices
 - Version 5+

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Server Pre-requisite

- Windows 2003 32bit or 64bit
 - 512MB RAM
 - 500MB Disk
- Domino 8.5+
 - For Traveler
- Domino 7.0.2 or higher
 - For Mail servers
 - Mail templates 6.5 or higher

Installing Traveler



Server Installation



Installing the server software and configuration interface

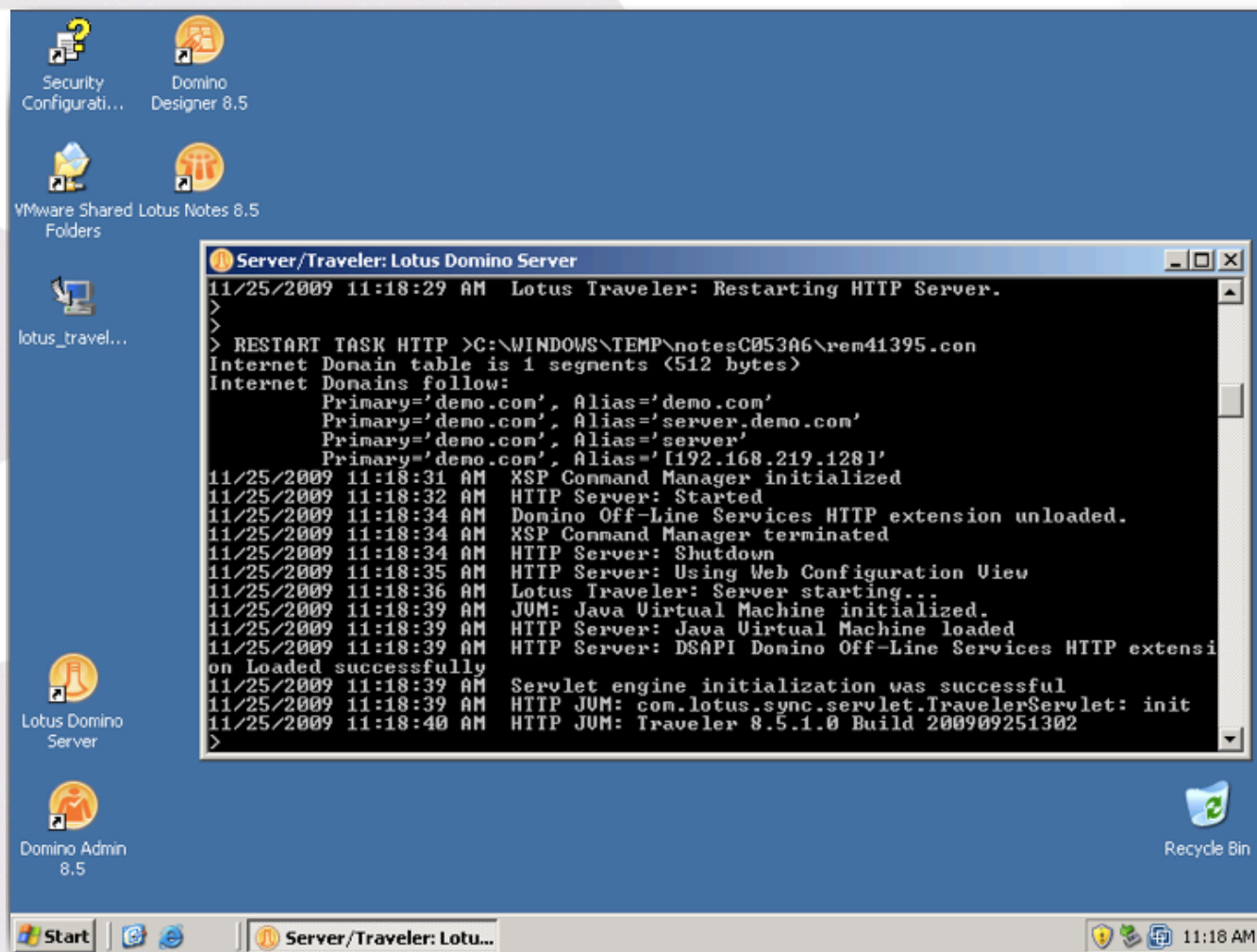


Server Installation



Installing the device software for download





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Did It Install Correctly?



Can you do 'Load Traveler'








Depending upon options chosen, your home page may now be different!



Ports!

- Sync requires 80 or 443
- Auto-sync requires TCP port 8642
 - Currently!
 - Auto-Sync will move to 80 or 443 soon

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Configuration



HTTP configuration






Domino Servlet Configuration

- » Home URL
- » /servlet/traveler
- » Timeouts

Timeouts	
HTTP persistent connections:	Enabled
Maximum requests per persistent connection:	100
Persistent connection timeout:	180 seconds
Request timeout:	60 seconds
Input timeout:	75 seconds
Output timeout:	180 seconds
CGI timeout:	180 seconds



Mail Files

-  Unread marks replicating
-  Traveler server needs Manager access
-  User must have an internet password


Configuration

- Traveler tab on the server document
- Who can access traveler server
- Deny access to traveler

Lotus Traveler Access	
Access server:	<input type="checkbox"/> users listed in all trusted directories
	and
	<input type="checkbox"/> MobileUsers <input type="button" value="v"/>
Not access server:	<input type="checkbox"/> <input type="button" value="v"/>
Remote user commands:	<input type="checkbox"/> Enabled <input type="button" value="v"/>

Policies

 New Traveler Policy Settings

 Sync

Sync | Filter Settings | Device Settings | Security Settings

Synchronization Options		How to apply this setting:
Auto Sync:	On ▾	Don't set value ▾
Synchronize:	<input checked="" type="checkbox"/> Email <input checked="" type="checkbox"/> Calendar <input checked="" type="checkbox"/> ToDo <input checked="" type="checkbox"/> Contacts <input checked="" type="checkbox"/> Journal	Don't set value ▾

Policies



Filter Settings

Mail Filters:		How to apply this setting:
Email Body Truncation:	<input checked="" type="checkbox"/> Enabled <input type="text" value="5K"/>	<input type="text" value="Don't set value"/>
Maximum Email Attachment Size Allowed - Administrator	<input type="text" value="4000"/> KB	<input type="checkbox"/> Don't set value
Email Attachments:	<input type="checkbox"/> Enabled	<input type="text" value="Don't set value"/>
Email Attachment Size:	<input type="text" value="100"/> KB	<input type="text" value="Don't set value"/>
Email Date Filter:	<input checked="" type="checkbox"/> Enabled <input type="text" value="1 Week"/>	<input type="text" value="Don't set value"/>
Email Importance:	<input type="checkbox"/> High Importance Only	<input type="text" value="Don't set value"/>
Other Filters		How to apply this setting:
Calendar Date Filter:		
Past Events:	<input checked="" type="checkbox"/> Enabled <input type="text" value="1 Week"/>	<input type="text" value="Don't set value"/>
Future Events:	<input checked="" type="checkbox"/> Enabled <input type="text" value="3 Months"/>	<input type="text" value="Don't set value"/>
Journal Date Filter:	<input checked="" type="checkbox"/> Enabled <input type="text" value="1 Week"/>	<input type="text" value="Don't set value"/>
ToDo Status:	<input checked="" type="checkbox"/> Incomplete Status Only	<input type="text" value="Don't set value"/>



Policies



Device Settings

Basics Preferences Comments Administration				
Sync Filter Settings Device Settings Security Settings				
Logging Settings		How to apply this setting:	Inherit from parent policy:	Enforce in child policies:
Device Logging Level:	<input checked="" type="radio"/> Low ▾	Don't set value ▾	<input type="checkbox"/> Inherit	<input type="checkbox"/> Enforce
Maximum Device Log File Size:	<input checked="" type="radio"/> 2000 ▾ KB	Don't set value ▾	<input type="checkbox"/> Inherit	<input type="checkbox"/> Enforce
Advanced Settings				
Auto Sync Network:	<input checked="" type="radio"/> TCP Network ▾	Don't set value ▾	<input type="checkbox"/> Inherit	<input type="checkbox"/> Enforce
Low Battery Threshold:	<input checked="" type="radio"/> 20 ▾ percent	Don't set value ▾	<input type="checkbox"/> Inherit	<input type="checkbox"/> Enforce

Policies

Security Settings

 Password enforcement

 Storage Card Encryption

 Auto-Wipe






Lotus Traveler Settings : Traveler settings

Basics | Preferences | Comments | Administration |

Sync | Filter Settings | Device Settings | Security Settings |

Device Security		Violation Action
<input checked="" type="checkbox"/> Device Password		<input type="text" value="Enforce"/>
Password Type:	<input type="text" value="Simple PIN"/>	<input type="text" value="Report"/>
Inactivity Timeout (maximum):	<input type="text" value="30 minutes"/>	<input type="text" value="Report"/>
<input checked="" type="checkbox"/> Wrong passwords before wiping device	<input type="text" value="7"/>	
<input checked="" type="checkbox"/> Storage card encryption		<input type="text" value="Report"/>

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Installing the Client



Nokia E71



iPod Touch



Windows Mobile

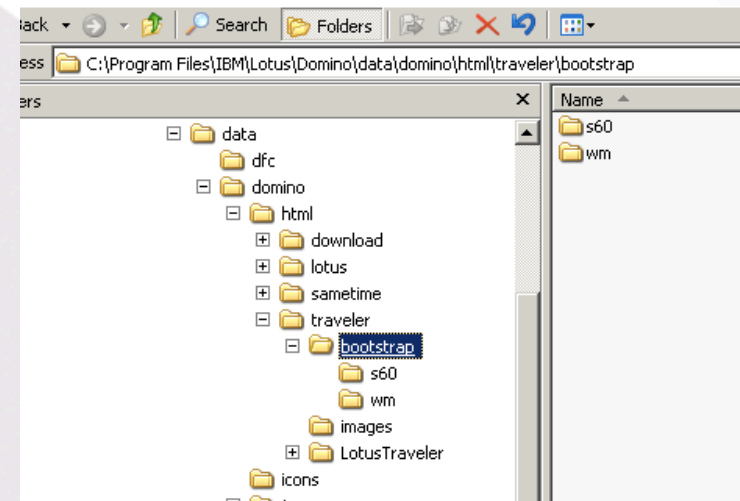


User Deployment

- User browser to server URL
 - Browser identified by traveler servlet
- Appropriate software downloaded
 - User enters server name (you can't change this later)
 - User enters user name
 - User enters password
 - User enters optional sync details

User Deployment

- Windows Mobile and Symbian support 'bootstraps'
- Bootstrap files
- Contain pre-defined data for deployment
- User downloads before install
- Pre-configures settings



User Deployment

- iPhone devices need no client
 - However, the iPhone 'Lotus Notes Traveler Companion' is available on the iPhone
 - Provides support for Encrypted mail
- Make sure to apply 8.5.1 FP1
 - Amongst other features, adds much better iPhone calendar support

Setting up Users



LotusTraveler.nsf



Autopopulates








Edit documents to

- » Wipe device remotely (corresponds to device options)
- » wipe data
- » hard reset
- » Deny Access

Deny Access Wipe Device Clear Wipe / Allow Access						
	Device Name	Security Polic	Access	Wipe Option	Wipe Status	Actio
	pmwork					
	Apple-iPhone	No policy	Allow	None		
	Teresa Elsmore/Kimonos					
	Apple-iPhone	No policy	Allow	None		
	Warren Elsmore/Users/Corporate/BEGroup					
	N97	No policy	Allow	None		



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Into the Future! - Palm Pre

- Not supported by Traveler (may not be?)
 - However, does support ActiveSync
 - Requires a single URL redirection

Web Site Rule	
Basics	Comments
Administration	
Basics	
Description:	Palm Pre Traveler Activesync
Type of rule:	Redirection
Incoming URL pattern:	/Microsoft-Server-ActiveSync/*
Redirect to this URL:	/servlet/traveler/Microsoft-Server-ActiveSync
Send 301 Redirect:	<input checked="" type="checkbox"/> Yes

- Thanks to Jess Straton of LotusUserGroup.org



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Into the Future! - Android

- Contains ActiveSync support, but won't connect to Lotus Traveler out of the box
 - Android forces a DOMAIN\Username format login which is not recognised
- An app is available to provide support - Touchdown
 - This provides Exchange / Lotus Traveler support for all Android phones
- Check out Mitch Cohens' blog
 - <http://www.curiousmitch.com/CuriousMitch/mitch2.nsf/d6plinks/MCON-7YCTVM>



Also.....

- IBM Announced Android support for Traveler at Lotusphere 2010
- Coming at some point, to some version of Domino
- Lotus Traveler on Linux is coming (soon!)
- I'll tell you when I can ;-)

Questions?

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