Lotus Connections 2.5 Install

Contact you local IBM Representative for more information

IBM Corporation

The architecture used in this guide is the following:

1 server with Active Directory

1 server with WAS, DB2, TDI and Lotus Connections

All the Connections services in a single server with a single profile

In our installation we placed all the kits in the C:\InstallKits directory of the server.



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Part 1: WebSphere Application Server Version 6.1 – Binary and fix Installation

- 1. Open a Windows Explorer session and navigate C:\InstallKits\, then unzip the was 6.1 windows server 2003 C87QTML.zip file.
- 2. Then double click launchpad.exe to launch the GUI.
- 3. We are going to install the application server so select Launch the installation wizard for WebSphere Application Server.



4. Review the information on the Welcome screen and click **Next**.



5. Accept the license agreement and click Next.

pilcation :	erver vo.1.0.0		_			
Softw	are License Agreer	ment				
Pleas	e read the followin	g license agreem	ent careful	ly.		
Inter	national Program Li	icense Agreement				*
Part	l - General Terms					
BYD	OWNLOADING, INS	STALLING, COPYI	NG, ACCE	SSING, OR US	SING THE	
PRO	GRAM YOU AGREE	TO THE TERMS	OF THIS A	GREEMENT. I	F YOU ARE	
COM	PTING THESE TE PANY OR OTHER I	EGAL ENTITY YO	OF ANOTH	SENT AND W	I OR A 'ARRANT THAT	
YOU	HAVE FULL AUTH	ORITY TO BIND TH	HAT PERS	ON, COMPAN	Y, OR LEGAL	
ENT	TY TO THESE TER	MS. IF YOU DO NO	DT AGREE	TO THESE TE	ERMS,	-
R	ead non-IBM terms	1				
οĮ	accept both the IBM	and the non-IBM	terms			
01	do not accept the te	rms in the license	agreeme	nt		
P	int		-			
	na l					

6. Verify that your system passes the prerequisite check and click Next.

NOTE - the wizard informs about coexistence with WebSphere Application Server 6.0.x scenarios

	System prerequisites check
	Passed: Your operating system completed the prerequisites check successfully.
are	The installation wizard checks your system to determine whether a supported operating system is installed and whether the operating system has the appropriate service packs and patches.
	The installation wizard also checks for existing installations of WebSphere Application Server. To have more than one installation of WebSphere Application Server running on the same machine, unique port values must be assigned to each installation. Otherwise, only one installation of WebSphere Application Server can run.
	 Installations of WebSphere Application Server prior to Version 6.0 may not be found reliably.
	 Installations of WebSphere Application Server that are not registered with the operating system may not be found reliably.



7. Check the "**Install the sample applications**" and click **Next** (so that you'll be able to use Default application to test WebSphere environment/installation if you want/need to do so).

WebSphere, software	Install Sample Applications Select IBM WebSphere Application Server Network Deploymer install. See the InstallGuide_en.html file in the docs directory f the sample applications.	nt features to for descriptions of
	Install the sample applications. The samples include both source code files and integrated applications that demonstrate some of the latest Java (TM) Enterprise Edition (J2EE) and WebSphere technologies. Th recommended for installation to learning and demonstration such as development environments. However, they are not installation to production Application server environments.	l enterprise 2 Platform, 1e Samples are In environments, recommended for
stallShield		

8. Set the install location to C:\WebSphere\AppServer and click Next.

WebSphere, <mark>software</mark>	Installation directory IBM WebSphere Application Server, Version specified directory. Specify a different directory or click Browse t	6.1 will be installed to the o select a different install
	Product install location: C:WebSphereAppServer	Browse
alishield	< Back	Next > Cancel

9. The next screen requests enablement for Administrative security. By enabling this, the administrative console will be accessed only by authorized users. We are not interested in this feature right now (can be enabled after installation too) so disable it and click **Next**.

Sphere, software	Enable Administrative Security Choose whether to enable administrative security. To enable security, specify a user name and password to login to the administrative tools. The administrative user is created in a repository within the Application Server. After installation finishes, you can add more users, groups, or external repositories.	
	Enable administrative security	
15:5-	User name:	
	Administrator	
	Password:	
	Confirm password:	-
	I ∣Sample applications.	1
	The Sample applications require an account in the profile. Assign a password to the samples user account. User name:	Ē
ield	1	
initia i		

10. The last panel summarizes your choices. Review them and click **Next**. Installation begins, this might take some minutes.

	Installation Summary
phere, software	Review the summary for correctness. Click Back to change values on previous panels Click Next to begin the installation.
	The following product will be installed:
	 IBM WebSphere Application Server - Base Product installation location: C:WebSphereAppServer
Har	with the following features:
	Core Product Files Application Server Samples
	Total size:
	● 1216 MB
uslass and	Application server environment
	Application server
	Administrative security enabled:
	• False
ieln .	
ileid	Administrative security enabled: • False

11. When the installation completes, a summary panel is displayed – uncheck the "Launch the First steps console" and click Finish.

	Installation Results
Sphere, software	Success: The following product was installed successfully.
às.	IBM WebSphere Application Server - Base - C:WebSpherelAppServe
	Application server environment:
	Application server
	Important configuration information is in the <u>AboutThisProfile.bt</u> log. C:WVebSphereVAppServer\profilesVAppSrv01/logs/AboutThisProfile.bt
X	The next step is to start the application server. You can start and stop the application server from the command line or the First steps console. The First steps console also has links to an installation verification task and other
A STATE	information and features that relate to the application server.
	information and features that relate to the application server.
	information and features that relate to the application server.

12. Close the Installation Window.

- Open a Windows Explorer session and navigate C:\InstallKits, then unzip the was 6.1 supplements for windows C87PNML.zip file. If you are asked to replace existing file select Yes to all.
- Double clicking install.exe located under C:\temp\UpdateInstaller to launch the GUI. (depending on where you unzip the files, this may change, in any case is the Updateinstaller subdirectory relative to where you unzipped)
- 15. The installation wizard for Update Installer component will start. Click Next.



16. As usual, review and update the license agreement, then click Next.



17. Ensure the system passes the installation prerequisites check and click Next.

-	System prerequisites check
WebSphere. <mark>software</mark>	The installation wizard checks your system to determine whether a supported operating system is running and whether the operating system has the appropriate service packs and patches. After checking prerequisites, the installation wizard checks for existing Update Installer for Websphere packages.
	Your system completed the prerequisites check successfully.
X	
tendender -	



18. Change the install directory to C:\WebSphere\UpdateInstaller and click Next.



a. Review your choices in the summary panel and click Next.

🖄 Installation Wizard for	the Update Installer ¥6.1.0.0	<u>_ ×</u>
H	Installation summary	
WebSphere. software	Review the summary for correctness. Click Back to change val panels. Click Next to begin the installation.	lues on previous
Ne.	The following product will be installed:	
A	IBM Update Installer for WebSphere software Path: C\WebSphere\UpdateInstaller	
	for a total size:	
	• 286 MB	
Statute I		
InstallShield		
	< Back Next >	<u>C</u> ancel

19. The installation starts. Wait for the completion. At the end a successful installation message is displayed.



a. Deselect the "Launch IBM Update Installer for WebSphere software on exit" checkbox and click **Finish**.



20. Unzip the 7.0.0.3-WS-UPDI-WinIA32.zip and launch install.exe under UpdateInstaller folder

Click Next in the following screen

rd for the Update Installer	
nstallation Wizard for the IBM Update Installe	r for WebSpher
nal information can be found at the <u>Information</u>	on Centers and
websphere and related products nome pag	е.
tinue.	
	ard for the Update Installer Installation Wizard for the IBM Update Installe mal information can be found at the <u>Information</u> WebSphere and related products home pag ntinue.

21. Accept the license agreement and click Next



HAL	Software License Agreement	
	Please read the following license agreement carefully.	
WebSphere, softwar	e International Program License Agreement	*
Name -	Part 1 - General Terms	
	BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING TH PROGRAM YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU A ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LE ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,	E RE I THAT EGAL
X	Read non-IBM terms	<u> </u>
	I accept both the IBM and the non-IBM terms	
	I do not accept the terms in the license agreement Print	
InstallShield		
	< Back Next > C	ancel

a. Click Next in the following screen



b. The installer will detect the existence of the update installer already installed. Select to update it and click **Next**





c. Review the settings and click Next

	Installation Summary
bSphere, software	Review the summary for correctness. Click Back to change the values on previou panels. Click Next to begin the installation.
40. 	The following product will be installed:
A	IBM Update Installer for WebSphere Software Path: C\WebSphere\UpdateInstaller
	for a total size:
	• 339 MB
dunder a	
	t
IShield	

22. Leave the "Launch IBM Update Installer for WebSphere software on exit" checkbox enabled and click **Finish**.





23. Another wizard starts, click Next.

	Welcome to the IBM Update Installer for WebSphere Software wizard.	
ebSphere software	This wizard installs or uninstalls maintenance packages, including interim fixes, fix packs, and refresh packs. The following products are supported: IBM WebSphere Application Server Version 6.0.2.21 or above IBM WebSphere Application Server Network Deployment Version 6.0.2.21 or above IBM WebSphere Application Server Network Deployment Version 6.0.2.21 or above IBM WebSphere Application Server - Express Version 6.0.2.21 or above IBM WebSphere Application Server - Express Version 6.0.2.21 or above IBM Application Client for WebSphere Application Server Version 6.0.2.21 or above Web server plug-ins for WebSphere Application Server Version 6.0 above IBM WebSphere Application Server 6.1 Feature Pack for Web	r
	Services version 6 or above IBM WebSphere Application Server 6.1 Feature Pack for EJB 3.0 version 6 or above IBM WebSphere Extended Deployment Version 5.1 or above IBM HTTP Server Version 6 or above	
allShield		

24. A product selection panel appears requiring product installation directory. We want to update the Application Server product first, so browse to C:\WebSphere\AppServer and click Next.



🖄 IBM Update Installer fo	r WebSphere Software 7.0.0.3	
WebSphere. software	Product Selection Enter the installation location of the product that you want to update You can select a different directory from the drop-down list, specify directory, or click Browse to select a directory.). a different
	C:WebSphereWppServer	Erowse
InstallShield	I 	<u>C</u> ancel

25. Choose to install a maintenance package and click Next.

🎽 IBM Update Installer fo	r WebSphere Software 7.0.0.3	
WebSphere software	Maintenance Operation Selection Install maintenance package Uninstall maintenance package.	
InstallShield	< Back Next >	<u>C</u> ancel

26. On the maintenance package selection, browse to the directory where you have downloaded **fixpack** 23 (in our case C:\InstallKits) and click **Next**.



27. You will see the following:

Maintenance Packa	ge Directory Selection	
e Enter directory to list specify a directory or	maintenance packages ava click Browse to select a pat	ilable for installation. You can h to maintenance package.
Directory path:		
C:\InstallKits		
		Browse.
Packages for WebS Server Feature Pack Application Server w	phere Application Server and is either by visiting the <u>Recor</u> when age for a complete list o	I all WebSphere Application mmended fixes for WebSphere
packages for WebS Server Feature Pack <u>Application Server</u> w <u>Maintenance Downl</u> Additional informatic	phere Application Server and is either by visiting the <u>Recon</u> vebpage for a complete list o <u>oad wizard</u> to find specific m on can be found online at the	I all WebSphere Application mmended fixes for WebSphere r by using the <u>WebSphere</u> aintenance packages. <u>WebSphere Application Serv</u>
Additional information	phere Application Server and is either by visiting the <u>Recon</u> rebpage for a complete list o <u>oad wizard</u> to find specific m on can be found online at the <u>e Application Server informa</u>	I all WebSphere Application mmended fixes for WebSpher r by using the <u>WebSphere</u> aintenance packages. <u>WebSphere Application Serv</u> tion center webpages.
Additional information	phere Application Server and is either by visiting the <u>Recor</u> vebpage for a complete list o <u>oad wizard</u> to find specific m on can be found online at the <u>e Application Server informa</u>	I all WebSphere Application mmended fixes for WebSphere r by using the <u>WebSphere</u> aintenance packages. <u>WebSphere Application Servi</u> tion center webpages.

28. Make sure you have selected all packages and click **next**

	Available Maintenance Package to Install
ebSphere, software	Select maintenance packages to install:
ann Gann	Select Recommended Updates Deselect All Updates
Ser.	6.1.0-WS-WAS-WinX32-FP0000023.pak
	6.1.0-WS-WASSDK-WinX32-FP0000023.pak
	Each package selection might restrict remaining packages available for further
	selection.
X	Multiple selections can be made for different products.
	Click Next to continue
	1
	P
allShield .	

29. Review your choices in the summary panel and click Next.





30. The fixpack installation starts. Wait for the completion and click Finish.

M Update Installer fo	or WebSphere Software 7.0.0.3	
	Installation Complete	
	Success: The following maintenance packages were installed:	
bSphere, software	6.1.0-WS-WAS-WinX32-FP0000023	
un-	6.1.0-WS-WASSDK-WinX32-FP0000023	
	to the following location:	
Ban	C:\WebSphere\AppServer	
	Click Relaunch to add or remove additional maintenance packages, or to exit the wizard	click Finish
X III		
dauder a		
	J	
Shield		
	< Back Relaunch	<u>F</u> inish

Part 2: Setting up federated repositories

Use the federated repositories functionality of IBM WebSphere Application Server to take advantage of the user and group management capabilities it provides, and then secure the server.

To set up federated repositories in a WebSphere Application Server, complete the following steps:

1. Start the LDAP server



- 2. Start the Websphere Application Server (you can accomplish this by executing the **startServer** server1 command in the C:\WebSphere\AppServer\profiles\AppSrv01\bin directory)
- 3. Log on to the WebSphere Application Server Integrated Solutions Console by going to the following Web address in a browser: <u>http://localhost:9060/ibm/console</u>
- 1. Click **Log in** to log in to the Welcome page.

😻 Integrated Solutions Console - Mozilla Firefox	
<u>Eile Edit V</u> iew <u>G</u> o <u>B</u> ookmarks <u>T</u> ools <u>H</u> elp	0
A - A - A - A - A - A - A - A - A -	Ļ
n 🐢 Getting Started 🔂 Latest Headlines	
Integrated Solutions Console	IDM. 🔶
Welcome, enter your information. User ID: Log in Note: After some time of inactivity, the system will log you out automatically and ask you to log in again.	
Done	

- 2. Expand Security -> Secure Administration, applications and infrastructure.
- 3. Select Federated Repositories from the Available realm definitions field, and then click Configure.



🖓 · 🖓 · 📴 🖾 🛄 🗀	http://localhost:9060/ibm/console/login.do	<u>ال</u>
陀 Getting Started 🔯 Latest Headlines		
ntegrated Solutions Console Welcome	Help Logout	IEN E
View: All tasks	Administrative security	Authenticatio
Welcome	🗖 Enable administrative security 📲 Administrative User Roles	🗖 Use do
🗄 Guided Activities	Administrative Group Roles	⊕ Web sec
∓ Servers		RMI/IIO
∃ Applications	Application security	д Java Aut
⊕ Resources	Enable application security	
Esecurity		= <u>Authent</u>
Secure administration, applicat infrastructure SSL certificate and key manage Bus Security	Java 2 security Use Java 2 security to restrict application access to local resources Warn if applications are granted custom permissions	External a
∃ Environment	Restrict serves to recover sufficienties data	
∃ System administration	 Restrict access to resource authentication data 	
∃ Users and Groups	User account repository	
∃ Monitoring and Tuning	Current realm definition	
∃ Troubleshooting	Local operating system	
E Service integration Service integratint Service integratint Service integratint	Available realm definitions	
I UDDI	reserves repositories	

- 4. On the Federated repositories page, do not change the default Realm name.
- 5. Add **connections** as administrative user ID in the **Primary administrative user name** field and select **Automatically generated server identity**. Click **Apply**, and then click **Save** to save this setting.



🥹 Integrated Solutions Console - Mozilla Fi	refox					
Eile Edit Yiew Go Bookmarks Tools	Help					
🤤 • 🛶 - 🔗 🛞 😭 🗈 htt	p://localho	st:9060/ibm/console/login.do		· (Go G	
🌮 Getting Started 🔂 Latest Headlines						
Integrated Solutions Console Welcome			Help	Logout		IBM.
View: All tasks	+ Realm	name WIMFileBasedBaalm				*
Welcome	Jaeradie					
🗄 Guided Activities 🤇	* Primary	ions	>			
	Server	user identity		_		
Resources	O AI	utomatically generated ser	ver ide	entity		
🖯 Security	Use	erver identity that is stored	in the	e repository		
 Secure administration, applicat infrastructure SEL certificate and key manage Bus Security 	P	assword	1			
🗄 Environment	🔽 Ian	ore case for authorization				
⊞ Users and Groups	Reposit	ories in the realm:				
	Add	Base entry to Realm	Use	built-in repository	Remove	
	Select	Base entry		Repository identifier	Reposito	ry type
		o=defaultWIMFileBasedR	ealm	InternalFileRepository	File	
1 UDDI	92		_			
	Additio	nal Properties		Related Item	5	
	= <u>E</u>	ntry mapping repository upported entity types	×		repositorie	
	Apply	OK Reset Car	icel			•

6. You will be prompted to provide the User password. Enter **connections.** Click **OK** and then **Save.**





7. Click Add Base entry to Realm, and then click Add Repository from the Repository reference page.

🌮 Getting Started 🔂 Latest Headlines					
Integrated Solutions Console Welcome			Help	Logout	
View: All tasks	Server user identity	a t		,	
Welcome	C anternationally	ليستبد لأستنجب			
	C Server identity	u that is staved in the	encicy		
	Server user II	D or administrative u	iser on a Version 6.0.x i	node	
🕀 Resources	Password				
∃ Security					
	_				
 Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security 	Ignore case for	^r authorization			
 Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment 	Ignore case for Repo sitories in the Add Base entry	rauthorization realm to Realm Use	built-in repository f	Remove	
 Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment System administration 	✓ Ignore case for Repositories in the Add Base entry Select Base entry	realm to RealmUse	built-in repository F Repository identifier	Remove Repository type	
Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment System administration Users and Groups	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=default\	realmn to RealmUse WIMFileBasedRealm	built-in repository F Repository identifier InternalFileRepository	Remove Repository type File	
Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment System administration Users and Groups Monitoring and Tuning	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=default\	r authorization realin to Realm Use WIMFileBasedRealm	built-in repository F Repository identifier InternalFileRepository	Remove Repository type File	
Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment System administration Users and Groups Monitoring and Tuning Troubleshooting	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=default\	vauthorization realmUse to RealmUse WIMFileBasedRealm	built-in repository F Repository identifier InternalFileRepository	Remove Repository type File	
Secure administration, applications, ar infrastructure SSL certificate and key management Eus Security Environment System administration Users and Groups Monitoring and Tuning Troubleshooting Service integration	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=defaulty Additional Properties	e authorization realmUse to RealmUse WIMFileBasedRealm	built-in repository F Repository identifier InternalFileRepository Related Items	Remove Repository type File	
Secure administration, applications, ar infrastructure SSL certificate and key management ESUS certificate and key management ESUS certificate and key management SUS certificate and key management SUS certificate and key management Troubleshooting Service integration UDDI	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=defaulty Additional Properti ■ Property exted	e authorization realmUse to RealmUse WIMFileBasedRealm ies insion repository	built-in repository F Repository identifier InternalFileRepository Related Items = Manage	Remove Repository type File repositories	
Secure administration, applications, ar infrastructure SSL certificate and key management SSL certificate and key management Environment System administration Users and Groups Monitoring and Tuning Troubleshooting Service integration UDD1	✓ Ignore case for Repositories in the Add Base entry Select Base entry □ o=defaulty Additional Properti Property exte Entry mapping	e authorization realine to Realm Use WIMFileBasedRealm ies insion repository g repository	built-in repository F Repository identifier InternalFileRepository Related Items = Manage	Remove Repository type File repositories	
Secure administration, applications, ar infrastructure SSL certificate and key management Bus Security Environment System administration Users and Groups Monitoring and Tuning Troubleshooting Service integration UDD1	✓ Ignore case for Reportantes in the Add Base entry Select Base entry o=defaulty o=defaulty Additional Property Entry mapping Entry mapping Supported en	e authorization realm Use WIMFileBasedRealm ies insion repository a repository tity types	built-in repository f Repository identifier InternalFileRepository <u>Related Items</u> <u>Manage</u>	Remove Repository type File repositories	
Secure administration, applications, ar infrastructure SSL certificate and key management ESSL certificate and key management ESSL certificate and key management USERS and Groups Monitoring and Tuning Troubleshooting Service integration UDDI	✓ Ignore case for Repositories in the Add Base entry Select Base entry o=defaulty Additional Property ■ Property exte ■ Entry mapping Supported entry	e authorization realment to Realment WIMFileBasedRealment ies ies insion repository a repository tity types	built-in repository f Repository identifier InternalFileRepository <u>Related Items</u> <u>Manage</u>	Remove Repository type File repositories	



- 8. On the New page, provide values for the required fields.
 - ____a. Repository identifier Type MyLdap
 - b. Directory type Select your LDAP directory type. In our case, specifyMicrosoft Windows Server 2003 Active Directory
 - ____ c. Primary host name Type your LDAP server name (in our example connectionsad.test.ibm.com)
 - d. Login properties Type uid (Note: LDAP property to use for login authentication. Be sure to specify a set of properties that has a unique value per user. – If you are installing Profiles and using Tivoli Directory Server, specify either mail, which represents the user's e-mail address, or uid, which represents the user's ID, as the value for this property. Or you can specify other unique LDAP attributes that you want to use to log in.)
 - ____e. Bind Distinguished name Type cn=Administrator,cn=Users,dc=test,dc=ibm,dc=com
 - _____f. Bind Password Type the bind user password, in our case is password



DAP SELVEL		Security
Directory type Microsoft Windows Sorver 2002		Bind distinguished name
Imicrosoft windows server 2003)		Icn-Administrator, cn-Osers, d
Primary host name	Port	Bind password
connections ad. test. ibm. com	389	
Failover server used when primar	y is not available:	uid properties
Delete		
	19.1.1.1 19.1.1.1	EXACT DN
Select Failover host name F	Port	
None		Certificate filter
Add	ervers	Require SSL communications
Add	ervers	Require SSL communications Centrally managed Manage endpoint security configurations Use specific SSL alias NodeDefaultSSLSettings SSL configuration:
Add Support referrals to other LDAP s ignore e additional properties will not be meral properties for this item are dditional Properties Performance	ervers a available until the applied or saved.	 Require SSL communications Centrally managed <u>Manage endpoint security configurations</u> Use specific SSL alias NodeDefaultSSLSettings : <u>SSL configuration</u>;
Add Support referrals to other LDAP s ignore additional properties will not be meral properties for this item are dditional Properties Performance LDAP entity types	ervers a available until the applied or saved.	 Require SSL communications Centrally managed Manage endpoint security configurations Use specific SSL alias NodeDefaultSSLSettings I SSL configurations

- 9. Click **Apply**, and then click **Save** to save this setting.
- On the Repository reference, for AD type (our case) dc=test,dc=ibm,dc=com and dc=test,dc=ibm,dc=com for DN of a base entry in this repository. For Domino type o=<hostname> and leave blank for DN of a base entry in this repository.

B

positories are in t of entries with	identity entries in a repository that are referenced by a base entry into the directory information tree. If multiple icuded in the same realm, it might be necessary to define an additional distinguished name that uniquely identifie in the realm.
onfiguration	
General Prop	erties
myLDAP	Add Repository
dc=test,dc=	ibm,dc=com
dc=test,dc=	ibm,dc=com
Applu OK	Reset Cancel

- 11. Click **OK**, click **Save** to save this setting, and then click **OK** to return the Federated Repositories page.
- 12. Click **Apply**, and then click **Save** to save this setting.
- 13. On the configuration tab, select **Federated repositories** as the available realm, and press **Set as current**, and then **Save**.

Integrated Solutions Console Welcome	Help	Logout
View: All tasks	The application serving environment is completely secured when administration the administration and applications also are secured. Configuration	is restricted. The applications and the infrastruc
Guided Activities		
Application servers Web Servers Web Sphere MQ servers	Security Configuration Wizard Security Configuration Report	Authentication
H Resources	🗖 Enable administrative security 📮 Administrative User Roles	Use domain-qualified user names
In Security	Administrative Group Roles	Web security
 Secure administration, applications, and infrastructure SSL certificate and key management Bus Security 	Application security Enable application security	 RMI/IIOP security Java Authentication and Authorization State Authentication mechanisms and expiration
Environment	Java 2 security	
	Use Java 2 security to restrict application access to local	External authorization providers
	resources	Custom properties
Monitoring and Tuning	🕅 Warn if applications are granted custom permissions	
Troubleshooting	Restrict access to resource authentication data	
🗄 Service integration		
E NDDI	User account repository Current realm definition Federated repositories Available realm definitions Federated repositories Configure Set as current Apply Reset	

14. Enable Administrative Security and Application Security. Do not enable Java2 security. Click Apply, and then click Save to save this setting.

<u>File Edit View Go Bookmarks Tools He</u>	P	
Integrated Solutions Console Welcome	Help	Logout
Integrated Solutions Console Welcome View: All tasks Welcome Guided Activities Servers Application servers Web servers Web servers WebSphere MQ servers Applications Resources Secure administration, applications, and infrastructure SELECTRICate and key management	Help The application serving environment is completely secured when administration the administration and applications also are secured. Configuration Security Configuration Wizard Security Configuration Wizard Security Configuration Wizard Administrative security Enable administrative security Administrative Group Roles Administrative Group Roles Application security	Authentication Use domain-qualified user names Web security RMI/IIOP security Java Authentication and Authorization Ser
Sol Certainstee and key management Subsecurity Environment System administration Users and Groups Monitoring and Tuning Trouble shorting	Enable application security Java 2 security Use Java 2 security to restrict application access to locar resources Warn if applications are granted custom permissions Destrict access to be added	Authentication mechanisms and expiration External authorization providers Custom properties
Service integration UDDI	User account repository Current realm definition	
	Available realm definitions. Federated repositories Configure Set as current Apply Reset	

 Log out of the WebSphere Application Server Integrated Solutions Console, and then restart the WebSphere Application Server (Executing the stopServer server1 and startServer server1 from C:\webSphere\AppServer\profiles\Appsrv01\bin directory).

🖾 Command F	Prompt	
C:\WebSphe:	re\AppServer\profiles\AppSrv01\bin}	
C:\WebSphei	re\AppServer\profiles\AppSrv01\bin}stopServer_server1	
ADMU0116I:	Tool information is being logged in file	ier log
ADMU77021:	Because server1 is registered to run as a Windows Service, the request to stop this server will be completed by stopping the associated Windows Service.	;
ADMUØ116I:	Tool information is being logged in file	100 100
ADMUG1001.	C. Webspiere apperver appril ites apparvel alogs serveri scupsere	Jer. Tug
ADMU21001-	Bading cool with the apparent profile	
HDU021001 -	Reading configuration for server. serveri	
ADMUAGOOI -	Conversion remest issuelt ad thing for stop status.	
C:∖WebSphe: ADMUØ116I:	re\AppServer\profiles\AppSrv01\bin>startServer server1 Tool information is being logged in file	way log
ADMU7701I:	Because server1 is registered to run as a Windows Service. the	
	request to start this server will be completed by starting the associated Windows Service.	2
ADMUØ116I:	Tool information is being logged in file C:\WebSphere\AppServer\profiles\AppSrv01\logs\server1\startSer	ver.log
ADMUØ128I:	Starting tool with the AppSrvØ1 profile	
HDMU31001:	Reading configuration for server: server1	
ADMU32001:	Server launched. Waiting for initialization status,	
ADM030001:	Server server1 open for e-business; process id is 1612	
C:\WebSpher	re\AppServer\profiles\AppSrv01\bin>	•

- 16. Log in to the WebSphere Application Server Integrated Solutions Console. Note: The administrative user name and password are now required because you set up security on the server. Use your Primary administrative user name and password after the server restarts (connections/ connections) to log in. You have successfully configured WebSphere Application Server with federated repositories.
- 17. Test the setup by adding some LDAP users into the WebSphere Application Server with Administrative user roles. Select **Users and Groups** → **Administrative Users Roles** and press **Add**

Integrated Solutions Console - Moz	illa Firefox		
<u> E</u> ile <u>E</u> dit <u>View G</u> o <u>B</u> ookmarks <u>T</u> o	ools <u>H</u> elp		
🗘 • 🗇 • 🔂 🛞 😭	https://localhost:9043/ibm/cons	ole/login.do?action=secur	e 🔒 🤇
Integrated Solutions Console Welcome	connections		Help Logout
View: All tasks	Administrative User Roles		
Welcome	Administrative User Roles 7		
🗄 Guided Activities	Administrative User R	oles	
	Use this page to add,	update or to remove a	administrative roles to users. Assigning
	administrative roles to through the administra	users enables them t itive console or throug	o administer application servers h wsadmin scripting.
⊕ Resources	Logout Add	Remove	
⊞ Security			
🕀 Environment			
🗄 System administration	Select User 🛟	Role(s) 🗘	Login Status 🗘
Users and Groups	None		
Administrative User Roles	Total O		
Administrative Group Roles			
 Manage Users Manage Groups 			

18. Enter a user and assign him all the available roles. Press **OK** and **Save**.

L t	lse this page to add, update or to ren hem to administer application servers
Ge	aneral Properties
*	User
	roberto
*	Role(s)
	Administrator Operator Configurator Monitor

19. Log out from the Integrated Solutions Console and try to log in again using the username you added (in our case roberto/password) You should log in successfully.

Part 3: DB2 9.5 – Binary Installation

- 1. Navigate to c:\InstallKits and unzip v95fp3_nt32_server.exe
- 2. Navigate to where you unzipped the files and launch setup.exe



3. On the Welcome screen select Install a product

Information Management software	
Welcome	Welcome to DB2 Version 9.5 Fix Pack 3
Installation Prerequisites	The DB2 Setup Launchpad gives you access to all of th
Release Notes	DB2 products and features for Linux, UNIX, and Window
Migration Information	To access more information about the DB2 products av
Install a Product +	Information Center.
Exit	Search Information Center
	© Copyright International Business Machines Corpo All rights reserved.

- 4. Select DB2 Enterprise Server Edition and click on the Install New button
- 5. The welcome screen will appear, click on Next

🙀 DB2 Setup - DB2 Enterprise Server Edition	- DB2COPY1
Information Management software	IBM.
	Welcome to the DB2 Setup wizard for DB2 Enterprise Server Edition, Version 9.5
	The DB2 Setup wizard will install DB2 Enterprise Server Edition on your computer. To continue, click Next.
	4 Java
	© Copyright International Business Machines Corporation, 1993, 2007. All Rights Reserved.
	Next > Cancel



6. Accept the license agreement and click Next

DB2 Setup wizard - DB2 Enterprise Ser	ver Edition - DB2COP	Y1	×
License Agreement Please read the following license agreemer	t carefully.		
IMPORTANT: READ CAREFULLY			
Two license agreements are presented 1	below.		
1. IBM International License Agreemen 2. IBM International Program License A	t for Evaluation of Pro greement	grams	
If you are obtaining the Program for pur buy," or demonstration): By clicking on License Agreement, without modificatio	rposes of productive u 1 the "Accept" button on.	ise (other than evaluation, testi below, You accept the IBM Inte	ng, trial "try or ernational Program
If you are obtaining the Program for the (collectively, an "Evaluation"): By click International License Agreement for Ev and (ii) the IBM International Program I	purpose of evaluation ing on the "Accept" b aluation of Programs (License Agreement (th	n, testing, trial "try or buy," or d utton below, You accept both (j the "Evaluation License"), with e "IPLA"), without modificatior	lemonstration 1) the IBM out modification; 1.
The Evaluation License will apply durin	ig the term of Your Eve	aluation.	
• I accept the terms in the license agreem	ient		
C I do not accept the terms in the license	agreement		
allShield			
	Durin h		

7. Select "Typical" for installation type and click Next



Setup wizard - DB2	Enterprise Server Edition - DB2COPY1
ect the installati	on type
© Typical:	Approximately 350 - 560 MB
C Compact:	Approximately 260 - 400 MB
C Custom:	Approximately 260 - 600 MB
To add features Custom.	for application development and other optional functionality later in the setup process, click



8. Select Install DB2 Enterprise Server Edition on this computer and click Next

DB2 Setup wizard - DB2 Enterprise Server Edition - DB2COPY1	
Select the installation, response file creation, or both	
The DB2 Setup Wizard can install DB2 Enterprise Server Edition on this computer, create that you can use to install this product on a computer later, or both.	a response file
If you are setting up a DB2 Enterprise Server Edition (ESE) partitioned database environ also create a response file to install DB2 on the other computers that will act as database servers.	nent, you can partition
C Install DB2 Enterprise Server Edition on this computer	
C Save my installation settings in a response file	
No software will be installed on this computer.	
$\mathbb C$ Install DB2 Enterprise Server Edition on this computer and save my settings in a	response file
Response file name C:\Documents and Settings\Administrator\My Documents\PR	DD_ESE.m
Palshald	
< Back Next >	Caprel Help

9. Install in C:\IBM\SQLLIB and click Next

	d - DB2 Enterprise Ser	ver Edition - DB2COPY1		
Select the ins	tallation folder			
The DB2 Setup Change or type	wizard installs DB2 Enterp a directory.	rise Server Edition in the follow	wing folder. To select a different folder, cli	ck
Directory	C:\IBM\SQLLIB\	>	Change	
	Space required:	518 MB	Dick space	



10. Define db2admin as administrator and set the password to db2admin; then click Next

Set user inforr	mation for the DB2 Admini	stration Server	
The DB2 Adm Specify the re	inistration Server (DAS) runs on yo equired user information for the DA	ur computer to provide support required by the DI 5.	32 tools.
	User information		1
	Domain		•
	User name	db2admin	
	Password	******	
	Confirm password	*****	_
V Use the	same user name and nassword for I	he remaining DB2 services	
1. 030 cho .	and user name and password for	no romaining obe sorricos	

11. In the following screen click Next



0E	
contiguri	a DB2 Instances
The f	ollowing instances will be created during installation. You can customize the configurations by clicking on onfigure button.
DB	2 Instances:
DB	2 Configure
_ Ir	istance description
	The default instance, DB2, stores application data.
	You can build a partitioned database environment by installing DB2 Enterprise Server Edition on
	other computers, and specify that these computers participate in the default instance.
ulShield	\sim


12. Deselect "Prepare the DB2 tools catalog", and click Next

Prepare the DB2 tools catalo	g		
Certain DB2 tools such as the Ta in your environment. The DB2 to	ask Center and scheduler require ools catalog must be stored in a D	a DB2 tools catalog on one of the DB2 : B2 database.	servers
Prepare the DB2 tools cata	ilog		
Instance	DB2	Y	
Database			
€ N <u>e</u> w	TOOLSDB		
f C Existing			
Schema			
🕫 Ne <u>w</u>	SYSTOOLS		
$m{C}$ Existing			
InstallShield			

13. Deselect Set up notifications and click Next



32 Setup wizard - DB2 Enterprise Serve	r Edition - DB2COPY1	8_
et up notifications		2
You can set up your DB2 server to automatic database needs attention. The contact inforr unauthenticated SMTP server to send these r	ally send e-mail or pager notifications to alert administrators when a mation is stored in the administration contact list. You need an notifications.	
If you do not set up your DB2 server to send	I notifications at this time, the health alerts are still recorded in the	
administration notification log.		
E Set up your DB2 server to send notificat	ions	
Notification DMTP server		
Administration contact list location		- T
C	tie como free	
Local - Create a contact list on tr	ns composer	
Local - Create a contact list on the cont	t list on another DB2 server	
 Local - Create a contact list on or C Remote - Use an existing contact Remote DB2 server 	t list on another DB2 server	
 Local - Greate a contact list on or C Remote - Use an existing contact Remote DB2 server 	t list on another DB2 server	
Local - Create a contact list on or <u>C</u> Remote - Use an existing contact Remote DB2 server	t list on another DB2 server	

14. Deselect Enable Operating System Security and click Next

Specify if you would like to enable op objects on your computer. If you ena the groups specified below.	erating system security for DB2 files, folders, registry keys, and able this security, operating system access to DB2 objects will be	other limited to
the groups specified below.		
Enable operating system security	$\mathbf{\Sigma}$	
Information on the DB2 administra	ators group and DB2 users group is available by clicking Help.	
DB2 administrators group	DBZADMNS	
DB2 administrators group DB2 users group	DB2ADMNS DB2USERS	
DB2 administrators group DB2 users group	DB2ADMNS DB2USERS	
DB2 administrators group DB2 users group	DB2ADMNS DB2USERS	

15. The following screen is a summary of the choices we made. Click Install

tart copying files		
The DB2 Setup wizard has enough infor change any settings, click Back. If you	rmation to start copying the program files. If you want to review are satisfied with the settings, click Install to begin copying files.	or
Current settings:		
Product to install: Installation type: DB2 copy name: Set as Default DB2 copy: Selected features: TCP/IP Listener TCP/IP Named Pipes Listener Named Pipes NetBIOS Listener NetBIOS XML Extender samples XML Extender	DB2 Enterprise Server Edition - DB2COPY1 Typical DB2COPY1 Yes	
DB2 WMI Provider		•

16. Click Finish



17. Select Exit from the welcome screen



In addition to the CLP and the Control Center, you may wan:



Part 4: Create the features databases

- 1. Unzip the file Lotus_Connections_2.5_Wizards_win.exe.
- 2. Open a command DOS window and launch dbwizard.bat
 - 3. You should see this



4. Click Next

5. Choose the "Create" database task

😑 Database wizard for Lotus Connections 2.5	
Database task selection	Lotus. Connections
Select the database task:	TEM
Create C Delete	
C Upgrade	
	Back Next Cancel



6. Choose the db type



7. Select all the features that you want to install and click Next

Database wizard for Lotus Connections 2.5	_0×
eatures selection	Lotus. Connections
Select the features for which you want to create databases. You cannot select features that already have databases. Note: The Search and News repository features are contained in the Home page database.	
Activities	
I Blogs	
Communities	
V Dogear	
V Profiles	
V Home page	
🔽 Wikis	
Back	Next Cancel

8. Verify the configuration and click Create



9. At the end you will see this

Post configuration task summary The database creation task completed. The following configuration was used: Action: Create Lotus Connections database Database type: DB2 Universal Database (TM) Database install location: C:\IBM\SQLUB\ Database install contince: DB2	Lotus. Connections
The database creation task completed. The following configuration was used: Action: Create Lotus Connections database Database type: DB2 Universal Database (TM) Database install location: C:\IBM\SQLIB\ Database instance: DB2	
Action: Create Lotus Connections database Database type: DB2 Universal Database (TM) Database install location: C:\IBM\SQLIB\ Database instance: DB2	
Database type: DB2 Universal Database (TM) Database install location: C:\IBM\SQLIB\ Database instance: DB2	
Database install location: C:\IBM\SQLLIB\ Database instance: DB2	
Database instance: DB2	
et all a transmissioned and the second se	
The selected reatures are: Activities, blogs, Communities, Dogear, Files, Home page, Profiles, wikis	
Activities	
Database name: OPNACT	
Database user: LCUSER	
Result: The database creation was successful.	
Blogs	
Database name: BLOGS	
Database user: LCUSER	
Result: The database creation was successful.	
Communities	
Database name: SNCOMM	
Database user: LCUSER	
Result: The database creation was successful.	
Dogear	
Database name: DOGEAR	
Database user: LCUSER	
Result: The database creation was successful.	
Files	
Database name: FILES	•
	Rody Binish Council

10. Click Finish. (do not erase the wizard directory, you will use it another time later)

Part 5: Install and configure Tivoli Directory Integrator

1. Navigate to c:\InstallKits and unzip TDI 6.1.1 windows C9666ML.zip

2. Launch Launchpad.exe

3. In the welcome screen select Install IBM Tivoli Directory Integrator



4. Select IBM Tivoli Directory Integrator 6.1.1 Installer



5. In the first screen click "Next"

Welcome to IBM Tivoli Directo	ry Integrator v6.1.
The FLEXnet Wizard will instal	I IBM Tivoli Directory Integrator v6.1 onto your computer.
Click Next to continue.	
Warning: This program is prot reaties. Unauthorized reprodu or any portion of it, may result i	ected by copyright laws and international iction or distribution of this program, n severe civil prosecution.

6. Accept the license agreement and click "Next"

international Program License Agreement	
Part 1 - General Terms	
BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING THE PROGRAM YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT THAT YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO THESE TERMS,	
- DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND	<u>_</u>
- DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND I accept the terms of the license agreement.	Ţ
- DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND I accept the terms of the license agreement.	_

7. Select "Typical" installation and click "Next"

Typical - inst	alls Runtime Se	erver, CE,	Javadocs a	nd Examp	les
C Custom - fea	tures are selec	table (ad	ditional featu	ires availa	able)
~					

8. Select C:\TDI ad install directory

The FLEXnet Wizard will install IBM Tivoli Directory Integrator v6.1 in the following folder. To install to a different folder, click Browse and select an alternate location.

estination Pati			1 23
			Browse

9. When prompted for the Solution directory location, select **Do not specify. Use the current working directory at startup time.** Click "**Next**"

🗅 Use a TDI subi	directory under m	ny home directo	ry.	
🗅 Use Install Dire	ectory.			
🗅 Select a directo	ory to use.			
				Browse
 Do not specify. 	. Use current wo	rking directory a	t startup time.	>
		471654 359		

10. Click "Install"

net Wizard has enough information to start insta v6.1.1.	alling IBM Tivoli Directory
t to change any settings, click Back. If you are s II to start installing IBM Tivoli Directory Integrator	atisfied with the settings rv6.1.1.
to Install:	÷
M Tivoli Directory Integrator v6.1.1	
cation:	
ITDI	
to Install:	
intime Server Config Editor (CE/IDE) underse (TDI ABL/seference)	-
	net Wizard has enough information to start insta v6.1.1. It to change any settings, click Back. If you are s ill to start installing IBM Tivoli Directory Integrato to Install: M Tivoli Directory Integrator v6.1.1 cation: ITDI to Install: untime Server Config Editor (CE/IDE)

11. Click "Finish" to exit the wizard

he El Eynet Wizard h	e successfully installed IBM Tivoli Directory Integratory 6.1
o your computer.	a succession y mataneou per moli precipiy integrator vo. r
lick Finish to evit the	vizard
	YILANA.
	Finish

- 12. Close the Launchpad
- 13. Unzip 6.1.1-TIV-TDI-FP0006.zip in a temporary directory
- 14. Open a command window and change directory to C:\Program Files\lbm\Common\ci\gmi\bin and launch gmi command.You should see this



- 15. Click Next
- 16. Choose "Install maintenance package such fixes, fixpacks or refresh packs" and click Next

Would you like to install or uninstall maintenance packages?	
د Install maintenance packages such as fixes, fix packs or refresh p	acks.
 C Uninstall maintenance packages such as fixes, fix packs or refres	h packs.
< Back Next > Can	cel 🚺

17. Choose "IBM Tivoli Directory Integrator 6.1.1" and click Next

CI	hoose t	he product to be updated:	
	Select	Product name	
12	C	IBM Tivoli Directory Integrator v6.1.1	
	/		

18. Choose the path where you have unzipped the file

pdate Installer		_
	The following paths will be searched for maintenance packages. You ca remove paths by selecting Edit. Paths to search:	in add or
12	C:\kitt6.1.1-TIV-TDI-FP0006	
	Edit	ncel

19. Select the fixpack and click **Next**

	Install	Name	Release Date	Status
	V	IBM Tivoli Directory Integrator v6.1.1 - FP0006	Mar 2, 2009	∆ Not Installed
2				
11				

Update Installer
 The Update Installer can install maintenance on your computer and save your settings to a response file. A response file can then be used to perform a silent maintenance install on this or other computers. You can use this wizard to create a response file even if you do not install maintenance at this time.
 Install maintenance on this computer
 Save your settings in a response file
 Response File:
 CNDOCUME-1VADMINI-11LOCALS-11Temptresponse.txt
 Browse...

20. Choose Install maintenance on this computer and click Next

21. Click Install

	with the settings, select install to begin copying lifes.
il	Maintenance will be installed for the following product: Name: IBM Tivoli Directory Integrator v6.1.1 Discriminant: CATDI Maintenance to be installed: IBM Tivoli Directory Integrator v6.1.1 - FP0006 Other Settings: Response File: None Log File Location: CADOCUME~1VADMINI~1VLOCALS~1VTempVGMI_msg%g.log

22. Click Finish

Update Installer		
1	The Maintenance Installation Wizard has successfully installed the following Maintenance to your computer.	
	Maintenance was installed for the following product: Name: IBM Tivoli Directory Integrator v6.1.1 Discriminant: CATDI Previous Version: 6.1.1.0 New Version: 6.1.1.6 Maintenance installed: IBM Tivoli Directory Integrator v6.1.1 - FP0006 Other Settings:	
	To install or uninstall additional maintenance or languages, select Run Wizar again or select Finish to exit the wizard. <u>R</u> un Wizard Again	d
	Einish.	

- 23. Create a subdirectory TDISOL under C:\TDI
- 24. Unzip the Lotus_Connections_2.5_win.exe file . This will create automatically a Lotus_Connections_Install subdirectory
- 25. Move to C:\temp\Lotus_Connections_Install\TDISOL



26. Unzip the file **tdisol.zip** in **C:\TDI\TDISOL**. The unzip will create a subdirectory TDI under the Solution directory

<u>File Edit View Favorites To</u>	ols <u>H</u> elp	
🔇 Back 👻 🕥 👻 🏂 🖉 Search	i 👸 Folders 🛛	\$ B 🗙 🍤 (
Address C:\TDI\TDISOL\TDI	>	
Name 🔺	Size	Туре
archive		File Folder
🛅 etc		File Folder
🛅 lib		File Folder
Cologs		File Folder
🛅 samples		File Folder
🛅 serverapi		File Folder
collect_dns.bat	1 KB	Windows Batch File
💽 createOracleDb.bat	2 KB	Windows Batch File
🐻 createOracleSchema.bat	2 KB	Windows Batch File
delete_employee_records.bat	1 KB	Windows Batch File
🐻 derby.bat	1 KB	Windows Batch File
dump_employee_records.bat	1 KB	Windows Batch File
dump_photos_to_files.bat	1 KB	Windows Batch File
dump_pronounce_to_files.bat	1 KB	Windows Batch File
🐻 dump_tags.bat	1 KB	Windows Batch File
🐻 fill_country.bat	1 KB	Windows Batch File
🔊 fill_department.bat	1 KB	Windows Batch File
fill_emp_type.bat	1 KB	Windows Batch File
🐻 fill_organization.bat	1 KB	Windows Batch File
🐻 fill_workloc.bat	1 KB	Windows Batch File

27. Make the database libraries available to the Tivoli Directory Integrator by copying the db2jcc_license_cu.jar file from the java subdirectory of the directory to which you installed the database (C:\IBM\SQLLIB\java) and paste it into the jvm/jre/lib/ext subdirectory of the directory in which you installed Tivoli Directory Integrator (C:\TDI\jvm\jre\lib\ext)

🔾 Back 🔹 🕤 🔹 🎵 🔎 Sean	ch	a la
Address C:\TDI\jvm\jre\lib\ext	\supset	
Name 🔺	Size	T
🛅 CmpCrmf.jar	180 KB	J
🔤 comm.jar	49 KB	3
🔟 dtfj.jar	156 KB	J
🔤 dtfj-interface, jar	16 KB	
國 gskikm. jar	1,076 KB	1
🖾 ibmcmsprovider.jar	199 KB	121
🔤 ibmjcefips.jar	182 KB	0
🛅 ibmjceprovider.jar	789 KB	3
🔟 ibmkeycert.jar	206 KB	100
🔤 ibmpkcs11.jar	81 KB	100
🔤 ibmpkcs11impl.jar	184 KB	1
🛅 ibmsaslprovider.jar	63 KB	1
國 indicim. jar	65 KB	1
🔟 jaccess.jar	49 KB	100
🛅 JawBridge.jar	16 KB	0
🐻 jdmpview.jar	233 KB	ģ
🔤 db2jcc license cu.jar 🕥	1 KB	1

28. Increase the runtime memory by adding **-Xms256M and -Xmx1024M** as arguments to the Java invocation command in the **ibmdisrv.bat** file stored in the Tivoli Directory Integrator installation (C: \TDI).

🗁 C:\TDI		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp	
🔇 Back 🔹 🕥 🗸 🎓 Searc	th 🌔 Folders 🔢	3 3 X
Address C:\TDI		
Name 🔺	Size	Туре
uninst		File Folder
bin		File Folder
Classes		File Folder
Codes		File Folder
Cetc		File Folder
C examples		File Folder
iars 🔁		File Folder
jvm		File Folder
libs		File Folder
Cicense		File Folder
Cologs		File Folder
🔁 serverapi		File Folder
TDISOL		File Folder
Cols		File Folder
iminia2_service		File Folder
I C i xsl		File Folder
C XSLT		File Folder
ibmdicwd.bat	1 KB	Windows Ba
🕼 ibmdisrv.bat	1 KB	Windows Ba
ibmditk.bat	1 KB	Windows Ba

After you add the memory arguments, the Java invocation should start like this: "C:\TDI\jvm\jre\bin \java" -Xms256M -Xmx1024M

- 29. From the TDI\TDISOL\TDI directory, open the tdienv file in a text editor to make sure that the path for the Tivoli Directory Integrator installation directory is specified correctly in the TDIPATH variable. The TDIPATH environment variable has to be equal to C:\TDI (In the tdienv file you should have SET TDIPATH=C:\TDI)
- 30. Go to C:\Wizards (the directory where you unzipped Lotus_Connections_2.5_wizards_win.exe) and launch Populationwizard.bat
- 31. Open a Command prompt and launch **PopulationWizard**. You should see this



32. Click Next

- 33. Specify the directory where you installed TDI and click **Next**

34. Select the database type and click **Next**

Profiles Population Wizard for Lotus Connections	
Profiles Database Type	Lotus. Connections
Select the Profiles database type. DB2 Universal Database(TM) Oracle Enterprise Edition	IBM.
C SQL Server Enterprise Edition	
	Back Next Cancel

35. Fill in as Host name, JDBC driver library path, User ID and password and click Next

😁 Profiles Population Wizard for Lotus Connections			
Profiles Database Properties	Lot	t <mark>us.</mark> Con	nections
Enter the Profiles database properties. The wizard uses this information to access the database to populate I Profiles. Host name:	he database for		
connections.test.ibm.com			
Port:			
50000			
Database name:			
PEOPLEDB			
JDBC driver library path:			
C:\IBM\SQLLIB\java	Browse		
User ID (Account used to write to database):			
db2admin			
Password:			
J •••••••			
	Back	Next	⊆ancel

36. Type the Idap hostname machine and click Next

Profiles Population Wizard for Lotus Connections	<u>×</u>
LDAP Server Connection	Lotus. Connections
Specify the LDAP host name and port to enable the Profiles Population wizard to connect to LDAP.	IBM.
LDAP server port:	
Select Use SSL communication	
	Back Next Cancel



37. Type the Idap login credential (in our case: LDPA login name: cn=Administrator,cn=Users,dc=test,dc=ibm,dc=com, password: password)

Profiles Population Wizard for Lotus Connections	
LDAP Authentication Properties	Lotus. Connections
Enter the bind distinguished name and password to authenticate this wizard to access the LDAP directory.	
LDAP login password:	
Bec	k Next Cancel

38. Select **mail=*** as search filter and Click **Next**. You can choose any other attribute you use in your LDAP directory to identify the users, we use mail



39. Click Next

40. In the next screen you can map the fields you have in your LDAP directory with the corresponding fields in the Profiles DB.

Populate the properties database repository with data from the enterprise LDAP directory by mapping the content of the fields in one with fields in the other. Consider using LDAP viewer software to help you map the fields. The fields have the default values depending on the type of LDAP server you use. Many of them are null. You must determine which LDAP fields to map to your database fields and edit this file to specify values that apply to your configuration. Any values you omit or set to null will not be populated in the database.

Note: The "guid" identifies the global unique ID of a user. This is a complex values that never changes. The mapping of the "guid" property must be handled differently depending on the LDAP server you are using

- IBM Directory Server guid=ibm-entryUuid
- Active Directory guid={function_map_from_objectGUID}

You must use a Javascript function to define the value for Active Directory because objectGUID is stored in Active Directory as a binary value, but is mapped to guid, which is stored as a string in the Profiles database.

The value of uid changes depending on your LDAP; In TDS it would be uid while in AD it would be sAMAccountName, and in Domino would be uid.

41. Change the value of managerUid to \$manager_uid. In AD by default the value is different and click **next**



elect an LDAP attribute ou can sort the column: unction.	or a JavaScript function for each fie s by selecting the column header, or	ld in the Profiles database. select each row to add, remove, or edit the	LDAP attribute or Javascript	IBM.
Database Fields	LDAP Attributes or JS Functions	Description		
oginId		Default login-id		
logins		Supported multiple login-ids		
nanagerUid 🛛 👘	(\$manager_uid)	Manager's ID		
mobileNumber	mobile	Mobile number		
nativeFirstName		Native first name		
nativeLastName		Native last name		
officeName	physicaldeliveryofficename	Office		
orgId	OU	Organization		
pagerId		Pager ID		
pagerNumber		Pager number		
pagerServiceProvider		Pager service provider		
pagerType		Pager type	-	
preferredFirstName		Preferred first name		
preferredLanguage	preferredlanguage	Preferred language		
preferredLastName		Preferred last name		
secretaryUid	\$secretary_uid	Assistant's ID		
shift		Shift		
surname	sn	Default surname		and the second se
surnames	sn	Supported multiple surnames		
elephoneNumber	telephonenumber	Office number		
timezone		Timezone		
title		Job title		
uid 🔰	SAMAccountName	User ID		
workLocationCode	postallocation	Work location	-	

42. Select **yes** to question "Do you want run task manager profiles? " and click **next**

Ontional Database Tasks	
opiunai Dalabase Tasks	Lotus. Connections
Choose the optional fields and the comma separated values (CSV) file that will be used to fi and name, or department name and description.	I the fields. For example: country code
	<u>≞≡≡₹</u> ₹.₀
C:\wizards\Wizards\TDIPopulation\TDISOL\isocc.csv	Browse,
T Departments	
C:\wizards\Wizards\TDIPopulation\TDISOL\deptinfo.csv	Browsen
Organizations	
C:\wizards\Wizards\TDIPopulation\TDISOL\orginfo.csv	Browse
Employee types	
C:\wizards\Wizards\TDIPopulation\TDISOL\emptype.csv	Browse
Work locations	
C:\wizards\Wizards\TDIPopulation\TDISOL\workloc.csv	Browse
Do you want to run the task that marks the profiles of each manager?	
	Back Next Cancel

43. Review the configuration and click Configure





44. In the next screen, check that the population of the Profiles DB as been successful and click Finish

😓 Profiles Population Wizard for Lotus Connections	
Population Completion Summary	Lotus. Connections
The profiles wizard execution is finished.	
The execution result is as following:	
The Tivoli Directory Integrator population output: CLFRN00271: After iteration, success records is 4, duplicate records 0, failure records is 0, last successful ent Boccadoro,CN=Users,DC=test,DC=ibm,DC=com	try is CN=Roberto
Mark manager profiles Successful!	
For additional information, refer to log file C:\Documents and Settings\Administrator\lcWizard\log\tdi\tdi_2008 and C:\wizards\Wizards\TDIPopulation\TDISOL\logs\PopulateDBFromDNFile.log View Log	30704_154132.log
Configuration details: Database host name: recontections.test.ibm.com Database name: PEOPLEDB	
Database port: 50000 JDBC driver library path: C:\IBM\SQLLIB\java Database user ID: db2admin Database type: DB2 Universal Database(TM) IDAP host name: compertionsal test ibm.com	
LDAP server port: 389 Bind distinguished name: cn=Administrator,cn=Users,dc=test,dc=ibm,dc=com LDAP user search base: DC=test,DC=ibm,DC=com LDAP user search filter: mail=*	
	Back Einish Cancel

45. Now you may want to check the Profiles DB. To do so, open the DB2 Control Center clicking on the DB2 green icon in the taskbar



46. Expand "All Databases" then "PEOPLEDB" and click on "Tables"

Control Center	CONNECTIONS - D	B2 · PEOPLE	DB · Tables		
All Systems	Name 👙		Table space≑	 Comment≑	Index ta
All Systems All Systems All Databases All Databases DOGEAR All ADDEPAGE All OPNACT Proprietable Tables All ases All ases	CHG_EMP COUNTRY DEPARTME EMPLOYEE EMP_DRAFT EMP_TYPE 127 of 127 item	EMPINST EMPINST EMPINST EMPINST EMPINST EMPINST s displayed	USERSPACE4 USERSPACE4 USERSPACE4 USERSPACE4 USERSPACE4 USERSPACE4	K K K K	USERS USERS
 Nicknames Cache Objects Triggers Schemas Indexes Table Spaces Event Monitors Buffer Pools Application Objects User and Group Objects Federated Database Objects 	Create New T	<u>able</u>	Selea	st an object fr	om the list

47. Click on the "EMPLOYEE" table and in the bottom pane click on "Open"

Name	\$ Schema∉	Ta	ble space≑	Comment⊜	Index tabl	e space⇔	Lar
CHG_EMP_DRAFT	EMPINST	US	ERSPACE4K		50		-
COUNTRY	EMPINST	US	ERSPACE4K	-			1
DEPARTMENT	EMPINST	US	ERSPACE4K				
	EMPINST	Us	ERSPACE		USERSPA	ACE4K	
BE EMP DRAFT	EMPINST	US	ERSPACE		USERSPA	ACE4K	
EMP_TYPE	EMPINST	US	ERSPACE4K				
1							»F
							Contraction of the local distance of the loc
127 of 127 items display	yed ↓ <mark>A</mark> z	钤	ৰহ টেট	Å Å	Default Vie	w*	View
127 of 127 items display	yed \downarrow^{A}_{Z}	钤	42 (M)	\$° \$°	Default Vie	w* •	View
127 of 127 items display	yed ↓ ^A Z	32	43 (M)	₹ \$	Default Vie	w* *	View P ×
127 of 127 items display Table - EMPLC Schema : EMPINST	yed ↓ ^A z DYEE	Sir Colu	영화 (취) mms	\$ ₽	Default Vie	w* *	View p ×
127 of 127 items display	yed ↓ ^A Z DYEE BATOR	Si Colu	영소 (개) mns	Name	Default Vie	w [*] [^]	View P ×
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53	yed ↓ ⁴ Z DYEE BATOR	Sp Colu	영화 (개) mms PROF_KEY	Name	Default Vie	w [×] [▲] <u>Data type</u> CHAR	
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions:	yed ↓ ⁴ Z DYEE BATOR	Colu Key	∰ (A) mns PROF_KEY PROF_UID	Name	Default Vie	W [*] Hel Data type RCHAR RCHAR	View D ×
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions:	yed ↓ ⁴ Z DYEE BATOR	Colui Key	Signal Control State (State State Stat	Name	Default Vie	W [*] Hell Data type RCHAR RCHAR RCHAR	View
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions: Open For DUPPY	yed ↓ ⁴ Z DYEE BATOR	Colu Key	Sector 10 (100) <td>Name</td> <td>Default Vie</td> <td>W⁸ Hell Data type ICHAR ICHAR ICHAR ICHAR ESTAMP</td> <td></td>	Name	Default Vie	W ⁸ Hell Data type ICHAR ICHAR ICHAR ICHAR ESTAMP	
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions: Open Co guery	yed ↓ ⁴ Z DYEE BATOR	Colu Key	Sector 10 (100) <td>Name</td> <td>Default Vie</td> <td>W^a Data type ICHAR ICHAR ICHAR ICHAR ICHAR ICHAR</td> <td></td>	Name	Default Vie	W ^a Data type ICHAR ICHAR ICHAR ICHAR ICHAR ICHAR	
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions: Open S Guery S Show Related Object	yed JAZ DYEE BATOR	Colui Key	Sector 10 (100 mms) PROF_KEY PROF_UID PROF_UID PROF_LAS PROF_MAII	Name	Default Vie VAF VAF VAF TIM VAF	Data type CCHAR CCHAR CCHAR CCHAR CCHAR CCHAR CCHAR CCHAR	
127 of 127 items display Table - EMPLC Schema : EMPINST Creator : ADMINISTF Columns : 53 Actions: Open S Gueny S Show Related Object Columns Column	yed JAZ DYEE BATOR	Colu Key	Sector 10 (100 mms) PROF_UID PROF_UID PROF_UID PROF_LAS PROF_MAII PROF_MAII PROF_GUII PROF_GUII	Name LOWER T_UPDATE _LOWER D	Default Vie VAF VAF VAF TIM VAF VAF	W ^x Hell Data type RCHAR RCHAR RCHAR RCHAR RCHAR RCHAR RCHAR	

48. You should see the list of the people imported from the LDAP directory

👆 Open Table	- EMPLOYEE				>
CONNECTIONS	· DB2 · PEOPLED	B - EMPINST.EMPLOYE	E		
Edits to these re change the form	sults are performe of editing.	d as searched UPDATEs (and DELETEs. Use the Too	ls Settin	gs notebook to
PROF_KEY ⇔	PROF_UID ⇔	PROF_UID_LOWER \$	PROF_LAST_UPDATE \$	PR(Add Row
the second s	A DE LA DELLA D	Autor		A Designation of the local division of the l	
7fdb5e06-9276	chiara	chiara	Jul 4, 2008 4:22:14 PM 6	chiar	
7fdb5e06-9276 7fc1a9bc-f2e1	chiara eugenio	chiara eugenio	Jul 4, 2008 4:22:14 PM 6 Jul 4, 2008 4:22:14 PM 6	chiar euge	Delete Row
7fdb5e06-9276 7fc1a9bc-f2e1 518f41ea-9bd5	chiara eugenio marina	chiara eugenio marina	Jul 4, 2008 4:22:14 PM 6 Jul 4, 2008 4:22:14 PM 6 Jul 4, 2008 4:21:48 PM 4	chiar euge marir	<u>D</u> elete Row

Close the table and the Control Center

Part 6: Installing Lotus Connections

- 1. Make sure that server1 is started
- 2. Change directory to C:\temp\Lotus_Connections_Install.
- 3. Go there and run "Install.bat"

In the Welcome screen click Next

Nelcome to Lotus	Connections	
rescome to cottas	CONTROLUCION CONTROL CONTRO	
The wizard installs deployment, or a ne to network deploym	Lotus Connections 2.5 on your computer. You can choose either to install a stand-alone twork deployment with clustering capability. The stand-alone deployment can be scaled ent in future if needed.	
Note: Instructions fi	or adding nodes in network deployment are in the information center.	
	Launch Information Center	
۔ To continue, choos	a Next.	
Licensed Materials - Prop	arty of IBM. LJYUN-7STGFV	
(c) Copyright IBM C ibm.com and Lotus company, product c trademarks is avail Restricted Rights: (proporation and its licensors 2007, 2009. All Rights Reserved. IBM, the IBM logo, are trademarks of IBM Corporation in the United States, other countries, or both. Other r service names may be trademarks or service marks of others. A current list of IBM able on the Web at www.ibm.com/legal/copytrade.shtml. U.S. Government Users Jse, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.	

4. Accept the license agreement and click Next



5. Select "Install Lotus Connections only" and click Next

.otus. Connections	IBN
This wizard provides the opportunity to install and/or create a response file. A response file is created by saving the installation settings to a file to use to perform a silent install of this product on this or other computers.	
IIShield -	



6. Select the option "Advanced Standalone deployment"

us Connections 2.5 installation wizard	
otus. Connections	TRM
C Stand-alone deployment	
- All features are deployed on a single server instance.	
Select this option if you are deploying to a single workgroup or small business.	
C Network deployment	
- All features are installed on multiple nodes in a network.	
Select this option if you are deploying to a high-availability environment where features are clustered on the nodes. You can also use this option to convert an existing stand-alone deployment to a network deployment.	
Advanced Stand-alone deployment	
- All features are deployed multiple server instances on one WebSphere Application Server profile.	
Select this option if you want to install a customized stand-alone deployment to improve performance.	
IShield -	
	1
< <u>Back</u> Next>	<u>C</u> ancel

7. Select the installation directory

installation Wizard for Lotus Connections 2.0	
Lotus. Connections	TBM
Choose Next to install "Lotus Connections" to this directory, or choose Browse to install to a different directory.	
Directory name:	
C:WebSphereLotusConnections	
Browse	
	1
allShield	-
< Back Next >	<u>C</u> ancel

8. Select to install all the features. Then click next

tus Connections 2.5 installation wizard	And the number of the local sector	
otus. Connections		THN
Select the features to install:		-
✓ Activities		
🔽 Blogs		
🔽 Communities		
🗹 Dogear		
☑ Files		
🔽 Profiles		
🔽 Wikis		
IShield		
	s Back	Next > Cancel
	- Dark	

9. Select the additional features to install





10. Select the location of the Application Server

Connectio	ns			TH
location of the V	VebSohere Application Server			
	enopriere Application Server.			
install Lotus Con	e Application Server Installations were detected, S nections.	elect the installation whe	ere you	
Sphere\AppServe	ər			/
				4
				-
				/
6		< Back	Next >	Са
otus Connections	2.5 installation wizard	<u>e B</u> ack	Next >	<u>C</u> a
Cotus Connections Lotus, Connections Select a WebSp AppSrv01 Specify the serve Activities	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: <pre>create new server></pre>	< Back	Next >	
Select a WebSp AppSrv01 Specify the serve Activities Blogs	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: create new server> create new server> create new server>	<u>e Back</u>	Nex >	
otus Connections Lotus. Connections Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: <create new="" server=""> </create> </create> </create> </create> </create> <td><u> Eack</u></td> <td>Next ></td> <td></td>	<u> Eack</u>	Next >	
otus Connections Lotus, Conn Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear	2.5 Installation wizard nections here Application Server profile to use: er instance that will provide each feature: create new server>	<u> Back</u>	Next>	
Cotus Connections Lotus, Connections Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear Profiles	2.5 Installation wizard Dections here Application Server profile to use: er instance that will provide each feature: <create new="" server=""></create> 	< Back		
Cotus Connections Lotus, Connections Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear Profiles	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: screate new server>	< Back		
Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear Profiles Home page	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: er create new server> ecreate new server	<u> « B</u> ack		
AppSrv01 Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear Profiles Home page Wikis	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: create new server>	< Back		
Cotus Connections Lotus, Connections Select a WebSp AppSrv01 Specify the serve Activities Blogs Communities Dogear Profiles Home page Wikis Files	2.5 installation wizard nections here Application Server profile to use: er instance that will provide each feature: <create new="" server=""> </create> <td>< Back</td> <td>Next></td> <td></td>	< Back	Next>	

11. Select "create new server" for each Connections feature as in the picture



12. Input the names for every new server instances

<mark>.otus.</mark> Conr	iections			TRM
Selected WAS Pi	rofile:		-	
AppSrv01		7		
Input the name fi	or the new server instance(s):			
Activities	activitiesServer		1	
Blogs	blogsServer			
Communities	communitiesServer			
Dogear	dogearServer			
Profiles	profilesServer			
Home page	homepageServer			
Wikis	wikisServer			
Files	filesServer			
Mobile	mobileServer			
			_	

13. Select the administrative user. Choose connections and password connections

cture Connections	
orus. Connections	191
pecify a administrative user for this deployment. This user ID is used for internal administrative roles and ust be able to authenticate with the WebSphere Application Server installation that hosts Lotus connections	
User ID:	
connections	
Password:	

Note: You should create this user ID in WebSphere Application Server Identity Manager so that it can comply with password expiration policies.	
IIShield	



14. Enter the hostname for the WAS server

tus Connections 2.5 installation wizard	
Lotus. Connections	TDM
Enter the WebSphere Application Server host name. Use the fully qualified Domain Name Service (DNS) name or short DNS name.	
connections.test.ibm.com	
IShield	
<back< td=""><td><u>C</u>ancel</td></back<>	<u>C</u> ancel

15. Select the database type as DB2

16. Answer **yes** in the following screen

nstallation Wizard for Lotus Connections 2.0			- (C
Lotus. Connections		TEN	
Are the features using the same database server?			
Yes, the same database server			
V No, different database servers			
inShield -			
	< Back	Next > Cance	el

17. In the following screen select these values Host name : connections.test.ibm.com Port: 50000 Jdbc driver library : c:\IBM\SQLLIB\java

Enter the database server properties. The installation wiz	ard uses this information to	create a JDBC	
provider and to connect to the database for each feature.			
Host name:			
connections.test.ibm.com			
Port			
50000			
JDBC driver library:			
C//BM/SQLLIB/java			
		Browse	1
		<u></u>	

In the following screen select these values
 Database name : OPNACT (default)
 Application user id : db2admin password : db2admin

Enter the database properties. The installer uses this information to create the JDBC provider and	
Connect to the database for the reatured application.	
Activities	
Database name:	
OPNACT	
Application user ID (Account used by feature to connect to the database server):	
db2admin	
Application user password:	

19. Repeat the same choice for username and password for the other databases
20. Specify the data directory for Lotus Connections and click $\ensuremath{\textbf{Next}}$

us Connections 2.5 Installation wizard	-
.otus. Connections	TBN
pecify data directories for the features.	
The data directory is a secondary store in addition to database storage and stores index files for searches and content such as images and shared files.	
G Specify a data directory for all features	
C WebspherelLotusConnections/Data	
C Specify a data directory for each feature	
	-
#Strietd	
* Back Next >	Cance

21. Do not select to use Notification at the moment. If you need it can be changed later

fail-enable features				
Mall enabled features can send notifications. Do you want to ena	mail notifications based on key ev ble notifications?	ents, and allow users to send th	ielr own	
C Yes. Provide mail server con	figuration information in the steps	that follow.		
No. Notifications will not be a	enabled, but can be configured affi	er installation,		-
				-



22. Select "Profiles database" as search directory and click next

otus Connections 2.5 installation wizard	
Lotus, Connections	
People search	
Select a method to use search for people profiles.	
Profiles database	
C LDAP organizational directory	
N.:	
AND NO.	
ance and a	
	« Back Mext» Caucal

23. Review the settings and click **next**

Lotus. Connections	IBN
fyou want to review or change any settings, click Back. Click Next to begin installation. Install following parameters:	ing with the
Install location:C:WebsphereU.otusConnections WebSphere Application location: C:WebSphereAppServer Cell:connectionsNode01Cell Node: connectionsNode01 Hostname: connections.test.ibm.com	
People search News repository Profile: AppSrv01 Server instance: NewsServer Database type: DB2 Universal Database (TM) Database type: CB2 Universal Database (TM)	
Database name: HOMEPAGE Database name: HOMEPAGE Database user: db2admin Search Profile: AppSrv01	

Now you should see what you were looking for since you started $\ensuremath{\textcircled{\sc only}}$



24. Take note of the ports used by the servers

Lotus Connections 2.5 installation wizard	>
Lotus. Connections	IN.
Installation result	
Wikis: http://conn25.test.ibm.com:9070/ibm/console Home page: http://conn25.test.ibm.com:9071/ibm/console Mobile: http://conn25.test.ibm.com:9072/ibm/console	
News repository: http://conn25.test.ibm.com:9082/news Search: http://conn25.test.ibm.com:9084/activities Blogs: http://conn25.test.ibm.com:9084/activities Dogear: http://conn25.test.ibm.com:9086//ologs Communities: http://conn25.test.ibm.com:9086//ologs Dogear: http://conn25.test.ibm.com:9088//ologear Files: http://conn25.test.ibm.com:9088//ologear Files: http://conn25.test.ibm.com:9088//ologear Profiles: http://conn25.test.ibm.com:9088/profiles Wikis: http://conn25.test.ibm.com:9088/profiles Wikis: http://conn25.test.ibm.com:9080/wikis	
Mobile: http://conn25.test.ibm.com/9092/mobile Review the log file C:\Documents and Settings\Administrator\Local Settings\Temp\\cinstalllog.bt for details. View Log	
nstallShield< <u>B</u> ack	<u><u> </u></u>

Applying Lotus Connections fixes

- 1. Go in the Connections install directory, c:\Websphere\LotusConnections and create an "update" directory
- 2. Unzip the LotusConnectionsUpdateInstalle.zip file in the update directory
- 3. Under the update directory, create two new subdirectories named "fixes"
- 4. Put all the Lotus Connections fixes in the "fixes" directory.
 - 5. Open a DOS prompt and go in c:WebSphere\AppServer\profiles\AppSrv01\bin and run SetupCmdLine.bat
 - 6. In the **same** DOS window (don't open it directly from windows explorer) launch **updateLCWizard.bat** (i.e. C:\Websphere\LotusConnections\update\updateLCWizard.bat)
 - 7. Do not close the DOS window, it will be used another time later.
 - 8. Select the language

sed for this wiza
*
Cancel

9. In the next screen click "next"

Update Installation Wi	zard for Lotus Connections	
IN.	Lotus Connections Welcome to the Update Installation wizard for Lotus Connections products. To keep your product current, this wizard installs and uninstalls updates.	
	For more information about updates, see the IBM Support Web site: http://www-306.ibm.com/software/lotus/products/connections/support	
	To continue, choose Next	
InstallShield -	< Back	ncel

10. Select to update the Lotus Connections install
Update Installation Wizard for Lotus Connections
The following Lotus Connections products were found on your computer. Select
appear in the list, specify the product installation location.
CWebSphereLotusConnections
Other Lotus Connections install location
Install Shield
InstallShield
Cancel

11. In the following screen select "install fixes" and click next

		Vaccor149 4.1			
Opdate Installation Wiza	ard for Lotus Connections				_03
	′ou can install or uninstall fixes or fix p	acks for this product.			
	Install fix packs				
	 Uninstall fix packs 				
	Install fixes				
	C Uninstall fixes				
InstallShield			e Dook		Consol
			< Баск	INext >	Cancel

12.	Specify	y the location	of the	fixes	and	click	next
-----	---------	----------------	--------	-------	-----	-------	------

🙆 Update Installation Wizard for Lotus Connections	_O×
Specify the location where fixes are located.	
Fix location: Browse C:WVebSphere\LotusConnections\update\Fixes Browse	
InstallShield - < Back Next >	<u>C</u> ancel

13. Select all the fixes you want to apply and click next

Note : the fixes in the following screens are those required at the time this document was written and may be different from the one you will need when you install. Always check FixCentral http://www-933.ibm.com/eserver/support/fixes/) to obtain the list of the fixes needed.

	Install	Name	Date	Status		
-		LO43637	8/25/09			
		L043716 1.043847	9/10/09			
					-	
	∆ Partiall	y installed 🛛 No	t installed			
	Fix description	1:				_
	Communities xt formatting	: Confirmation of act	ions due to session expirati	on can cause cor	ruption of te	Details

14. Type the WAS admin user and password : connections / connections

ninistrator user id an	d password for the follov	ving
e Back	Nexts	Cancel
	< <u>B</u> ack	< Back Next >

15. Review the settings and click next

Opdate Installation	Wizard for Lotus Connections 2.5.0.0		
IDN.	The following fixes will be installed: LO43716 LO43847 LO43637		
	for the following products: Communities Mobile		
	in the following location: C:WVebsphere\LotusConnections		
InstallShield		< Back Next >	<u>C</u> ancel



- 16. Verify all the fixes has been installed and click finish

Part 7 - Creating a Blogs administrative user

You cannot configure a home page blog for the Blogs feature until you have administrative access to Blogs. Use the WebSphere Application Server Integrated Solutions Console to grant yourself and anyone else you want to designate as an administrator administrative access to Blogs.

1. Open the WAS admin console at <u>http://localhost:9060/admin</u> and log in as "**connections**" password "**connections**"

2. Expand the section Applications and click on Enterprise Applications

Integrated Solutions Console Welcome connection	ons			
View: All tasks	Enterprise Applications			
= Welcome	Enterprise Applications			
🗄 Guided Activities	Enterprise Applications			
	Use this page to manage installed applications. A single applicat			
Applications				
Enterprise Applications Install New Application	Start Stop Install Uninstall Update Rollout Up			
🗄 Resources				
🖽 Security	Select Name 🛟			
🗄 Environment	Activities_			
🗄 System administration	Blogs			
🗄 Users and Groups	DefaultApplication			
⊞ Monitoring and Tuning				
⊞ Troubleshooting				
	SamplesGallery			
I DODI	ivtApp_			
	auery			
	Total 7			

3. Click on "Blogs"



4. Click the Security role to user/group mapping link.

guration	
neral Properties	- Modules
Name	- Marrier Mardeller
Blogs	Manage Modules
Application reference validation	Web Module Properties
Issue warnings 📃	Session management
Detail Properties	Context Root For Web Modules
	JSP reload options for web modules
Target specific application status	Virtual hosts
Startup behavior	
Application binaries	
Class loading and update detection	
Remote request dispatcher properties	
Security role to user/group mapping	
View Deployment Descriptor	
Last participant support extension	
References	
Resource references	
Shared library references	

5. To map a user to the administrative role, select the check box beside the **admin** role, deselect the check boxes for all other roles, and then click the **Look up users or groups** button.

- Channel	S. A				
	ne macis u	s Look ur		to a user or group from t	ne domain user registry.
	-				
	0				
Select	Role	Everyone?	All authenticated?	Mapped users	Mapped groups
	person		N		
	1 20 20	-	-		

6. In the search box type a user name (in our example **marina*)** and click "**Search**". Add the user to the "**selected**" group clicking on the ">>" button. Then click "**OK**"

erprise Applications			
Enterprise Applications > Blogs > Sec	urity role to user/group n	napping > Look up users or gr	oups
Specifies whether to look up users or	groups.		66.5563
The following roles are mapped to the	e items in the selected list		
admin			
To search for users or groups, enter :	a limit (number) and a sea	arch pattern (such as a*) and	click Search:
limit (number of items)			
20			
marina*	rch		
Select users or groups in the Availabl	e list. Move them to the S	elected list by clicking >>.	
Available:	>>	Selected:	
martoni@ibm.com		martoni@ibm.com	
	<<		
		<u> </u>	
OK Cancel			

7. You will see this. Click OK

ach ro	le that is c	lefined in the ap	, plication or module must m	ap to a user or group from th	e domain user registry.
Lo	ok up use	rs Look u	ip groups		
D	6				
Select	Role	Everyone?	All authenticated?	Mapped users	Mapped groups
	person		N		
	admin			martoni@ibm.com	

8. Save the settings



- 9. Start the Profiles server from the command line: open a DOS prompt, change directory to C: \WebSphere\AppServer\profiles\AppSrv01\bin and run the command "startServer ProfilesServer". After a while you should see the message "Server ProfilesServer open for e-business". Profiles are needed for authentication, if the Profiles server is not started you will not be able to log on to Blogs later
- Start the Blogs server from the command line: open a DOS prompt, change directory to C: \WebSphere\AppServer\profiles\AppSrv01\bin and run the command "startServer BlogsServer". After a while you should see the message "Server BlogsServer open for e-business"
- 11. Open the blog home page at http://connections.test.ibm.com:9085/blogs
- 12. Select "New blog creation page"

Blogs
Welcome to Blogs! Follow these steps to finalize your Blogs installation:
• Create a blog
Before you can start blogging, you need to create at least one blog. Just so you know, you can create as many as you want. Each user can have multiple blogs and each blog can have multiple authors.
Create your first blog via the New Blog Creation Page
Designate a frontpage blog
You must specify a blog to serve as the frontpage of your site. You can do this by going to the Server Admin->Configuration page. In the field labeled "Handle of the blog to serve as the frontpage" enter the handle of the blog you want to front your site.
Designate a frontpage blog on the Server Admin Page
Login as a user to who you gave admin role for Blogs before

14. Fill out the new blog form to create the Blog site's home page. Include the following information: Name : Administration Blog Description : Blog di amministrazione Handle : first Timezione : Europe – Central European Standard Time Theme : Homepage

Then click "Create blog"

13.



e: jelog Ammi	nistrazione			
n: [
s:				
l.				
e: first				
URL: http://	/conn25.test.ibm.com:9085/blo	gs/first		
e: (GMT+02:0	00) Amman		2	
-	-			
e: homepage	2 🕜			
F22 Insection Comm	unina 📰 Esperi	TO Done Diversity in		
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Cong) Entropy (Annual Cong) All Stop Market States	Break Bay The Allowed Blogs Home Emission	Annual States		
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Engl Hermitetter H	Big Read Big Read Big Read Big Read<			
Image: State Stat	Big Reading Big Reading Big Reading			

15. You will be directed to the new blog homepage. Click the "Edit my blog" tab and then click "Server Administration"

Blogs Browse Blog	My Blog	My Recent Items	Administration		
I New blog (first) has been successfully created					Actions
Select a blog to edit, manage, or configure.					🖄 Create new blog
8) Administration Blog					Feel like you've got more to
Admin Blog				Entries	say? Maybe another blog is
Author: Marina Artoni				Settinge	Server administration
[Set this blog to be your primary blog]				Country .	Make atta valida administration
					changes.

16. Type "first" in the "Handle of blog to server as frontpage blog" field

Site Settings		
Site Name (for main page and feed)	Blogs Home	
Short name (shown in site banner)	Blogs Home	
Site Description (for main page and feed)		
Handle of blog to serve as frontpage blog	(first)	
Enable active content filtering	N	
Poll interval when editing (minutes)	15	



Scroll down to the bottom of the page and click "Save"

17. Click the "**Browse Blogs**" tab. You will see this

Browse Blogs	My Blog	My Updates	Administration	
Blogs				
Start a blog	New Entry			
Sort by: Date 🗸	Title Mos	t Recommendations	Most Comments	Most Visits

 Now start all the Connection features. Blogs and Profiles are already started so issue the following commands to start the others (Activities,Dogear,Communities,HomePage,Files,Wikis,Mobile,News,Search).

open a DOS prompt, change directory to C:\WebSphere\AppServer\profiles\AppSrv01\bin and run the command "**startServer xxServer**". After a while you should see the message "Server xxServer open for e-business".

19. Open the Home Page of Connections at http://connections.test.ibm.com:9091/homepage, you will see this.



20. You can start using Lotus Connections now

Appendix 1: IBM Tivoli Directory Server 6.0 (LDAP) – Binary Installation

This is a reference in case you want to use TDS as LDAP server

Before installing ITDS you need to create the user ID that will own ITDS's IBM DB2 database used to store the directory data. You will be asked to provide this user ID and its password during configuration, which runs automatically after installation and system restart.

1. Open a Windows Command Prompt and enter the following commands:



NET USER Idapdb2 password /ADD /ACTIVE:yes /expires:never /comment:"ITDS Account"

NET LOCALGROUP Administrators /add Idapdb2



The account Idapdb2 now exists on the Windows Server, is active, and has the proper privileges. You can now move into the actual setup of ITDS.

To install ITDS:

2. Navigate to the c:\InstallKits\TDS directory and unzip the C83X4ML.zip file





3. Navigate to c:\InstallKits\TDS\itdsV60\itds and double-click the setup.exe icon.



- 4. The language window is displayed.
- 5. Choose **English** as the language to use during IBM Tivoli Directory Server installation. Click **OK**.

ivoli D	irecto	ry Ser	ver [-101>
langua	ge to be	used	for this \	wizard.
Eng	lish	1	-	
Oł		Са	ncel	
	ivoli D langua Eng	ivoli Director language to be English	ivoli Directory Ser language to be used English	ivoli Directory Server

6. On the Welcome window, click Next.







7. After reading the Software license agreement, select I accept the terms in the license agreement. Click Next.



8. Select C:\LDAP as installation directory and click Next.

🛃 IBM Tivoli Directory !	Server 6.0		_02
200	Click Next to install "IBM Browse to install to a dif	Tivoli Directory Serv Terent directory.	er 6.0" to this directory, or click
	Directory:		
de la	C:LDAP		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Browse
M			
InstallShield			
	1	< Back	Next > Cancel

9. A window showing the available components for installation is displayed. The components that are not yet installed are preselected. Leave all of them selected and click **Next**.



🔁 IBM Tivoli Directory S	rver 6.0
	Select the features to install: Client SDK 6.0 Veb Administration Tool 6.0 Veb Administration Tool 6.0 Veb Administration Tool 6.0 Veb Server 6.0 Veb Se
InstallShield	< Back Next > Cancel

10. You will be prompted to provide User ID and Password for DB2. Type **db2admin** as User ID and **db2admin** as password, and click **Next**.

🔁 IBM Tivoli Directory Se	rver 6.0	- U ×
	Enter the userid and password for the DB2 system id. If yo existing userid be sure your password is correct.	ou are using an
	User ID db2admin	
	Password	
Auto	Enter the password again to confirm	
InstallShield	< Back Next >	Cancel

11. On the next panel click **Next**, to start the LDAP Server installation.

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12. At the end of the installation, click **Finish.**



13. Wait for the ITDS Instance Administration Tool to open and click Close.

nstance	Туре	Version	Description	Create
				Edit TCP/IP settings.
				Delete
				View/
				8

- 14. Now, you have to install the fixpack. Navigate to the c:\InstallKits\TDS directory and unzip the 6.0.0.3-TIV-ITDS-Win32-IF0002.zip file under c:\InstallKits\TDS
- 15. Navigate to C:\InstallKits\TDS\6.0.0.3-TIV-ITDS-Win32-IF0002 and double-click the setup.exe.

💐 C:\InstallKits\TD5\8	.0.0.3-TIV-IT	D5-Win32-IF0002			
File Edit View Fav	orites Tools	Help			
🕁 Back 🔹 🔿 👻 🛅	Q Search	🔁 Folders 🧭 👫 🦞	XSH		
Address 🧰 C:\InstallKits	\TDS\6.0.0.3-1	TIV-ITDS-Win32-IF0002			
Folders	×	Name	Size	Туре	Modified
🕜 Desktop		🗀 license		File Folder	7/20/2007 5:22 AM
🗄 🛄 My Computer		🚞 neededFiles		File Folder	7/20/2007 5:22 AM
1 31/2 Floppy (A:	5	i optionsFiles		File Folder	7/20/2007 5:22 AM
E C Local Disk (C:)		🚞 tools		File Folder	7/20/2007 5:22 AM
	and Settings	archive.jar	73,788 KB	JAR File	10/31/2006 2:19 AM
idsinstinfo	(C)	ConsoleSetup.exe	34,979 KB	Application	10/31/2006 2:21 AM
🗄 🧰 InstallKits		🐻 media.inf	1 KB	Setup Information	10/31/2006 2:21 AM
	tions	elsetup.exe	35,003 KB	Application	10/31/2006 2:22 AM
E C TDS	03055102	-			
6.0	0.0.3-TIV-ITD				
🗄 🛄 itd	sV60				

16. Choose English as the language to use during IBM TDSinstallation, and click OK.



17. On the On the Welcome window, click Next.

	Welcome to the InstallShield Wizard for IBM Tivoli Directory Server 6.0
	The InstallShield Wizard will install IBM Tivoli Directory Server 6.0 on your computer. To continue, choose Next. IBM Tivoli Directory Server 6.0
· The	

18. After reading the Software license agreement, select I accept the terms in the license agreement. Click Next.



- 19. On the next panel click Next, to start the LDAP Server upgrade.
- 20. A window showing the available components for upgrade is displayed. The components that are not yet installed are preselected. Leave the default and click **Next**

200	Select the features to install:
0	Client SDK 6.0
	Java Client 6.0
A CONTRACTOR	Web Administration Tool 6.0
	Proxy Server 6.0
	Server 6.0 (Full Server Package)
	embedded version of WebSphere Application Server - E
Con a	DB2 V8.2
Le Tra	GSKit
3 L	
12101213	
istallShield	

- 21. On the next panel click Next.
- 22. At the end of the upgrade process you should be prompted to restart your machine. Select **Yes** and press **Next**, then **Finish**. Even if you are not asked to do so, restart your machine.





- 23. At system restart login as Administrator. If the DB2 First Step Console is displayed, close it.
- 24. Now you need to create a directory server instance and complete configuration. Before you can use the server, you must:
 - a. Create a directory server instance
 - b. Set the administrator DN and password for the instance
 - c. If you installed and plan to use the full server, configure the database that will store the directory data
- 25. To restart the Instance Administration Tool you can:
 - a. open a Command Prompt, and type the command: C:\LDAP\sbin\idsxinst.cmd
 - b. locate the command with windows explorer and double click it
 - c. From the Windows Menu, select Start \rightarrow Programs \rightarrow IBM Tivoli Direcory Server 6.0 \rightarrow Instance Administration Tool

The IBM Tivoli Directory Server Instance Administration Tool window is displayed.

26. Click Create

nstance	Туре	Version	Description	Create
				Edit TCP/IP settings
				Delete
				View

27. On the Create a new directory server instance window select **Create a new directory server** instance and press **Next**



Create or migrate		
 Create a new di 	irectory server instance	
C Migrate from a p	pre-6.0 version of directory server	
Enter path of the b	acked un files	
	and the second	
	Browse	
	Browse	
	Browse	

28. On the Instance details window, complete the following fields:

User name: Idapdb2 Install location: C Encryption seed string: connectionsdb

T 1		Carlored P. Dok
The directory server	Instance will be created in an existing system user a	account.
User name		
didapub2		
Install location (at lea	ast 30 MB free)	
(C)	
Encryption seed stri	ing	
Encryption seed stri		
Encryption seed stri		
Encryption seed stri		
Encryption seed stri	ing 1	_

Then press Next.

29. DB2 instance details window is displayed, accept the name that is displayed in the **DB2 instance name** field (**Idapdb2**), and then click **Next**.

Create new directory server instance	- O ×
DB2 instance details	
Enter the details of the DB2 instance to be associated with the new directory server instance. You may select an existing DB2 instance or enter a new DB2 instance name.	
DB2 instance name	
Note:	
 You cannot select a DB2 instance which is already associated with another directory server instance. 	
 The new DB2 instance name should be same as an existing system user account. 	
Help ? <back next=""> Finish</back>	Cancel

30. On the TCP/IP settings for multihomed hosts window select the Listen on all configured IP addresses check box, and click Next.





31. On the TCP/IP port settings window, leave the default values and click Next

Lreate	new directory s	erver instanc	2	_0
CP / IP #	port settings			
Enter (port details ——			
Serve	r port number			
	389			
Serve	r secure port numk	er		
	636			
Admin	daemon port num	ber		
	3538			
Admin	i daemon secure n	ort number		
	3539			
1.1.				

32. The Optional steps window is displayed. Select Configure admin DN and password to configure the administrator DN and password for the directory server instance now, and select even Configure database to configure the database for the directory server instance now. Press Next. When you configure the database, the Instance Administration Tool adds information about the database that will be used to store directory data to the configuration file (ibmslapd.conf) for the directory server instance. In addition, if the database does not already exist, the Instance Administration Tool creates the database.



Create new directory server instance	
Optional steps	
You can choose to configure admin DN / password and database or configure them later using the idsxcfg tool. Uncheck the steps do not wish to carry out now.	e now, you
Steps	
Configure admin DN and password	
Configure database	
V	



33. The Configure administrator DN and password window is displayed. Set the following values:

Administrator DN: cn=root

Administrator password/confirmation password: password

Configure odmin	strator Dhi and m			د اللالم
Configure admin	strator Diviario pi	assword		
Administrator D	N			
cn=root				
Administrator pa	assword			
*******	5			
\sim				
Confirm passw	ord			

	1		1 marshi (
Hein 21	< Back	Next >	FINISP	Cancel

Click Next.

34. The Configure database window is displayed.

Set the following values:

Database user name: db2admin

Password: db2admin

Database name: LDAPDB

Configure database		dia minana
Database user name		
db2admin		
Password		

Database name		
x x x x	\sim	W
Heln 2 seck	(Nexts) Einish	Cancel

Click Next.

35. In the Database options window leave the default option and click Next



36. In the Verify settings window, information is displayed about the options you specified. To return to an earlier window and change information, click **Back**. To begin creating the directory server instance, click **Finish**.

Create new director	server instance	
Verify settings		
Verify that the settings t	alow are correct.	
Click Finish to begin the i	istance creation.	
A new directory server	instance 'Idapdb2' will be created.	
The directory server ins	ance will be created at: 'C'.	
The directory server ins	ance will be configured for IP 'All'.	
The directory server ins	ance's port will be set to '389'.	
The directory server ins	ance's secure port will be set to '63	36'.
The directory server ins	ance's Admin Daemon port will be s	set to '3538'.
The directory server ins	ance's Admin Daemon secure port '	will be set to '3539'.
Database instance 'Idap	lb2' will be configured.	
The directory server ins	ance admin DN will be set to 'cn=ro	ot'.
The database 'LDAPDB'	will be configured.	
The database will be cr	ated at: 'C'.	
Database will be UTF-8.		
un lal		
Heip ?	< Back Next >	Cancel

37. The Results window is displayed, and messages are displayed while the instance is being created. A completion message is displayed when instance creation is complete. Click **OK** to remove the message.

🎸 Create new dire	ctory server instance - Res	ults		×
Start time	Elapsed time			
7/20/07 3:37 AM	0:3:22			
Task messages				
GLPCTL027I Created	database: 'LDAPDB'.			*
GLPCTL034I Updating	the databas 📂 Information		×	
GLPCTL035I Updated	the databas		الشنق	
GLPCTL020I Updating	the databas (1) GLPCFG09	92l Task completed.		
GLPCTL0211 Updated	the databas			
GLPCTL023I Enabling	multi-page f	ОК		
GLPCTL024I Enabled	multi-page fi			
GLPCDB005I Configu	ring database 'LDAPDB' for dire	ctory server instance: 'Ida	apdb2'.	
GLPCDB006I Configu	red database 'LDAPDB' for direc	ctory server instance: 'Ida	ipdb2'.	
GLPCDB003I Added	atabase 'LDAPDB' to directory	server instance: 'Idapdb2'	<u>.</u>	•
4				•
			Close	Help 2

38. Click Close to close the window and return to the main window of the Instance Administration Tool.

💋 Create new dire	ctory server instance - Results		×
Start time	Elapsed time		
7/20/07 3:37 AM	0:3:22		
Task messages			
GLPCTL026I Creating	database: 'LDAPDB'.		
GLPCTL027I Created	database: 'LDAPDB'.		
GLPCTL034I Updating	the database: 'LDAPDB'		
GLPCTL035I Updated	the database: 'LDAPDB'		
GLPCTL020I Updating	the database manager: "ldapdb2'.		
GLPCTL0211 Updated	the database manager: 'ldapdb2'.		
GLPCTL023I Enabling	multi-page file allocation: 'LDAPDB'		
GLPCTL024I Enabled	multi-page file allocation: 'LDAPDB'		
GLPCDB005I Configu	ring database 'LDAPDB' for directory server instance: 'ldapdb2'.		
GLPCDB006I Configu	red database 'LDAPDB' for directory server instance: 'ldapdb2'.		1.000
GLPCDB003I Added of	latabase 'LDAPDB' to directory server instance: 'ldapdb2'.		-
•			•
- Thirty			
		Close	Heip ?

39. Click Close to exit the Instance Administration Tool. And Yes to confirm.

💋 IBM Tivoli Di	irectory Serv	er Instance	Administration Tool	- 🗆 ×
List of directory s	erver instances	s installed on t	he machine	
Instance	Туре	Version	Description	Create
ldapdb2		6.0	IBM Tivoli Directory Server Instance V6.0	Edit TCP/IP settings
				Delete
				View
4			<u>)</u>	
			\mathbf{C}	ose Help ?

Part 2: IBM Tivoli Directory Server 6.0 (LDAP) – Configuration and Populating the LDAP Server

During the previous steps, you had already configured the ITDS Server special "super-user" account, the ITDS Database and database Instance. Now you have to **add a suffix** to your ITDS. A suffix (also known as a naming context) is a distinguished name (DN) that identifies the top entry in a locally held directory hierarchy. Because of the relative naming scheme used in LDAP, this DN is also the suffix of every other entry within that directory hierarchy. A directory server can have multiple suffixes, each identifying a locally held directory hierarchy, for example, dc=ibm,dc=com.

To set the suffix perform these steps:

 Start the IBM Tivoli Directory Server Configuration Tool window by typing the command C: \LDAP\sbin\idsxcfg.cmd in a command window, or by locating it via windows explorer and double clicking it.

The following window will open:



Select Manage suffixes.



In the Manage suffixes window type dc=ibm,dc=com as the suffix to add, then click Add and then OK.



3. Select **Import LDIF data**, fill the *Path and LDIF file name* field with the value **C:\InstallKits \Connections\connections.Idif**, select **Standard Import** and then press **Import**.



4. Verify all the entry have been successfully added, anc click Close.

🚰 IBM Tivoli Directory Server Configu	ration Tool			_ 🗆 🗵
File Help				e
Choose a task: Overview Manage administrator DN Manage administrator password Configure database Manage changelog Manage schema files Manage schema files Manage schema files Restore database Restore database Optimize database Optimize database	Import LDIF data Enter the path and na Note: Before importin Path and LDIF file nar	me of the LDIF file (on the LDAP server) g an LDIF file you must add the correspond ne	from which you want to import directory data. ing suffixes in the Manage suffixes task.	
	C UnstallKits Connec Remove trailing s C Standard Import Start time 7/24/07 4:46 AM Task messages RDBM backend clien GLPCOM0221 The de GLPRDB002/W Idir2d	tions connections idit paces in Standard import or Bulkload C Deta validation only Schema checking is done on the data, but the data is not added to the directory. Warning: To improve performance Bulkload does not check the correctness of the data. Run Data validation only on the LDIF file before attempting bulkload. Elapsed time 0:0:8 tilbrary loaded tabase plugin is successfully loaded from of b. 15 entries have been successfully adde	Browse: C Bulkload for very large LDIF files. Bulkload options Frable schema checking Frable ACL checking Enable password policy. CADAP/lib/libback-config.dll, dout of 15 attempted. Import Stop Close	Clear results Help ?

- 5. You can now close the IBM Tivoli Directory Server Configuration Tool window.
- 6. Open "Services" from Control Panel -> Administrative tools. Find the "IBM Tivoli Directory Server Instance V6.0 –Idapdb2" service and set it to start automatically

Kan International Content of the American Action (International Content of the American Action Actio	Started	Automatic

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