



The IBM Tivoli Directory Server Instance Administration Tool is automatically launched after the ISMP installation has completed.



- 1. Create a Db2 Administrator group named "db2admin"
- 2. Create a new user, whose primary group is the "db2admin" group and make them a member of the idsldap group.
- 3. Set the password for the new user.
- 4. su <new user>
- 5. Again su <new user> and enter the password
- 6. You will be prompted to enter a new password
- 7. Enter the new password for this user and confirm the password

IBM Tivoli Directory Server – ITDS 6.0 Replication		
Idsxinst – create a new directo	ory server Instance	
IBM Tivoli Directory Server Instan	ce Administration Tool	1
List of directory server instances installed on the machine Instance Type Version Description	Create Edit TCP/IP settings Delete	
RI		
	<u>Close</u> <u>Help</u> ?	
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The IBM Tivoli Directory Server Instance Administration Tool is automatically launched after the ismp install has completed. You will use this tool to create your IBM Tivoli Directory Server Instance. Click the "Create" button to begin.

IBM Tivoli Directory Server – ITD	S 6.0 Replication	
ldsxinst – create a ne	w directory server Instance	
IBM Tivoli Directory Serv	ver Instance Administration Tool - 🗐	
List of directory server instances installed on the m	nachine	
Instance Type Version Descrip	tion Create	
	Fair TCD/ID cottings	
	Delete	
	View	
	- Create new directory server instance -	
	Create or migrate	
[su]	Create a new directory server instance	
	Migrate from a pre-6.0 version of directory server	
·	Enter path of the backed up files	
	Browse	
	Help ? < Back Next > Binish Cancel	=
	B	
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The "Create new directory server instance" window will appear. Select "Create a new directory server instance" and click "Next".

IBM Tivoli Directory Server – ITDS 6.0 Replication Idsxinst – create a new directory server Instance IBM Tivoli Directory Server Instance Administration Tool IBM Tivoli Directory Server Instance Administration Tool Ibm Tivoli Directory Server Instance Administration Tool
Instance Type Version Description Edit TCP/IP settings Delate Delate View Create new directory server instance • Instance details The directory server instance will be created in an existing system user account. User name Issmpinst Install location (at least 30 MB free) //home/ismpinst Instance description Instance description Instance for ISMP example Heip 2 Heip 2 Back
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- 1. Enter the User name you created in slide 22.
- 2. Enter the Install location for this instance.
- 3. Enter the Encryption seed string for this instance. (**Make note of this value)
- 4. Optionally you may enter a description for this instance.

IBM Tivoli Directory Server – ITI	DS 6.0 Replication	0::)ā
	Help ?	
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Select the DB2 instance name and click "Next".

IBM Tivoli Directory Server – ITDS 6.0 Replication
Idsxinst – create a new directory server Instance
IBM Tivoli Directory Server Instance Administration Tool
Ugt of directory server instances installed on the machine Instance Type Version Description Edit TCE/IP settings Delete
TCP / IP settings for multihomed hosts
► Listen on all configured IP addresses
- Select the specific IP addresses to listen on
9,48:204.184
Help ? <u>Back</u> <u>Next</u> <u>Finish</u> <u>Cancel</u>
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By default the "Listen on all configured IP addresses" will be selected, click the "Next" button to continue configuring the new directory server instance.

IBM Tivoli Directory Server – ITDS 6.0 Replication	
Idsxinst – create a new directory server Instance	
IBM Tivoli Directory Server Instance Administration Tool	
Ligt of directory server installed on the machine	
Instance Type Version Description Create	
Edit TCP/IP settings	
Create new directory server instance	
TCP / IP port settings	
Enter port details	
Server port number	
383	
Server secure port number	
Admin daemon port number	
3538	
Admin daemon secure port number	
3539	
Help ? < <u>Back</u> <u>Next</u> > <u>Finish</u> <u>Cancel</u>	
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Each directory server instance is associated with four unique ports. The default settings are shown above. Click the "Next" button to continue with the default TCP/IP port settings.

BM Tivoli Directory Server	- ITDS 6.0 Replication	
IOSXINST — Optional IBM Tivoli Directory S Ligt of directory server instances installed on the Instance Type Version Des	Steps Server Instance Administration Tool he machine cription Create Edit TEP/IP settings Defete View	
	Create new directory server instance Optional steps You can choose to configure admin DN / password and database now, or configure them later using the idsxcfg tool. Uncheck the steps you do not wish to carry out now. Steps Configure admin DN and password Configure database	
10	Help ? Back Next Emisin Can 8/13/2007 © 2007	cel / IBM Corporation

Select "Configure admin DN and password" and "Configure database" and click the "Next" button.

IBM Tivoli Directory Server – ITDS 6.0 Replication	
Idsxinst – create and configure the database	e
IBM Tivoli Directory Server Instance Administration Tool	
Ligt of directory server instances installed on the machine Instance Type Version Description Create Edit TCP/IP settings	
Delete	
Create new directory server instan	ce ·
Configure database Database user name jsmpinst Password ********1 Database name jsmpinst	
Help ? < Back Next>	<u>Finisin</u>
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- 1. Enter the Database user name
- 2. Enter the password for the Database user name
- 3. Enter the Database name and click "Next".

IBM Tivoli Directory Server – ITDS 6.0 Replication	i:)∐i
Idsxinst – create and configure the database	
Ligt of directory server instances installed on the machine Instance Type Version Description Create Edit TCP/IP settings	
Create new directory server instance Database options Database install location (at least 80 MB free) //home/ismpinst Character-set option G Create a gniversal DB2 database (UTF-8 / UCS-2) Create a local codepage DB2 database Note : Choose universal DB2 database if you anticipate storing data from multiple character sets (recommended).	
Help ? <u>Back Next</u> Emism Cancel	
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To create a UTF-8 database in the directory server instance location, click "Next" to continue.

IBM Tivoli Directory Server – ITDS 6.0 Replication	
IBM Tivoli Directory Server Instance Administration Tool	
List of directory server instances installed on the machine	
Instance Type Version Description Create Edir TCP/IP settings Delere	
Create new directory server instance Verify settings Verify that the settings below are correct. Click Finish to begin the instance creation. A new directory server instance "ismpinst" will be created.	
The directory server instance will be created at: '/home/ismpinst'. The directory server instance will be configured for IP 'All. The directory server instance's port will be set to '383'. The directory server instance's port will be set to '383'. The directory server instance's Admin Daemon port will be set to '3538'. The directory server instance's Admin Daemon secure port will be set to '3538'. The directory server instance's admin Daemon secure port will be set to '3538'. The directory server instance's admin Daemon secure port will be set to '3538'. The directory server instance's admin Daemon secure port will be set to '3538'. The directory server instance admin Da will be set to 'cn=root'. The database 'ismpinst' will be configured. The database will be created at: '/home/ismpinst'.	
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Confirm your configuration selections and click "Finish" to

- 1. Create the new directory server instance
- 2. Create the new database instance
- 3. Set the Administrator DN and password
- 4. Create and configure the new database.

IBM Tivoli Directory Server – ITDS 6.0 Replication	t¦i
Idsxinst – task completed	
I	
List of directory server instances installed on the machine	
Instance Type Version Description Create	
Edit TCP/IP settings	
Delete	
<u>⊻</u> iew	
Create new directory server instance – Results	
Start time Elapsed time	
Task messages Task messages GLPCTL024! Enabled GLPCTL024! Enabled GLPCTL024! Enabled GLPCTL037! Addingi GLPCTL038! Added i GLPCTL038! Added i GLPCTL021! Stoppic GLPCTL028! Starting database manager for database instance: "ismpinst". GLPCTL009! Started database manager for database instance: "ismpinst".	
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When the creation and configuration is complete, you will see a pop up window indicating that the task is complete. Click "OK" to close the window. Note in the main idsxinst window there is now an entry for the new directory instance just created.

	voli Directory Server – ITDS 6.0 Replication		IEW
ldsxinst -	 exit the results panel 		
<u> </u>	IBM Tivoli Directory Server Instance Administration T	'ool 🛛 🔽	
List of directory se Instance	erver instances installed on the machine Type Version Description	Create	
Ismpinst	6.0 Instance for ISMP example	Edit TCP/IP settings	
		Delete	
		<u></u> iew	
l l	Create new directory server insta	ince – Results	/
	Start time Elapsed time		
	3/26/07 6:56 PM[0:3:35		
Task messages GLPCDB0051 Configuring database 'Ismpinst' for directory server instance: 'Ismpinst'. GLPCDB0051 Configuring database 'Ismpinst' for directory server instance: 'Ismpinst'. GLPCDB0051 Configuring database 'Ismpinst' for directory server instance: 'Ismpinst'. GLPCTL0371 Adding local loop back to database: 'Ismpinst'. GLPCTL0381 Added local loop back to database: 'Ismpinst'. GLPCTL0115 Stopping database manager for the database instance: 'Ismpinst'. GLPCTL0281 Starting database manager for database instance: 'Ismpinst'. GLPCTL0091 Starting database manager for database instance: 'Ismpinst'. GLPCTL0091 Starting database manager for database instance: 'Ismpinst'. GLPCDB0031 Added database 'Ismpinst' to directory server instance: 'Ismpinst'.			
		Close He Close this pane	elp ?
15	8/13/2	2007 © 20	007 IBM Corporation

Click "Close" to close the results panel.

-	IBM Tivoli Direc	atory Server Instance Administrat	ion Tool
Li <u>s</u> t of director	/ server instances installa Type Version 6.0	ed on the machine Description Instance for ISMP example	Create Edit TCP/IP settings Delete View

Click "Close" to exit the idsxinst utility.

IBM Tivoli Directory Server – ITDS 6.0 F Idsxinst – confirm and ex IBM Tivoli Directory Server List of directory server instances installed on the mac Instance Type Version Descriptio Impinst 6.0 instance for Impinst 10 instance	teplication
17	<u>Соот IBM Corporation</u>

After click the "Close" button on the previous slide, a pop up window will ask you to confirm whether or not you really want to exit the tool. Click "Yes" to exit the idsxinst tool.

IBM Tivoli Directory	Server – ITDS 6.0 Re UTCE A SUFFIX Ele Eelp Choose a task: Manage administr Manage administr Manage administr Manage administr Manage administr Manage administr Manage administr Manage administr Manage scheme Manage changeloc Manage changeloc Manage scheme fi Manage	overview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview Coverview C	ver Configuration Tool	y Access Protocol access to the LD4
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Launch the "idsxcfg" utility by issuing "idsxcfg from the command prompt.

**Note: You can also configure a database and set the Administrator DN and password from this utility as well



Select "Manage suffixes" from the left hand navigation panel. This will load the "Manage suffixes" panel.



Enter the new Suffix DN and click "Add".



Click the "OK" button to commit the changes.



Once you have committed the changes to the "Manage suffixes" panel, the Overview panel is displayed. You are now ready to proceed to load data into the directory server database.

IBM Tvoil Directory Server Configuration Tool Elie Help Overview Manage administr Outconfigure database Gonga charage changelog Gonga charage schema fr Gonfigure database Gonga charage schema fr Gonfigure database Gonga charage schema fr Gonga	From which you want to imp ding suffixes in the Manage Browse Bulkload Use bulkload for very far Bulkload options - Enable scigame che Engele ACL checkin Enable gassword pr
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Select "Import LDIF data" from the left navigation panel.

IBM Tivoli Director	y Server – ITDS 6.0 Replication	
	IBM Tivoli Directory Server Configuration Tool	
Choose a task: Overview Manage administr Configure databas Unconfigure databas Manage suffixes Manage suffixes Manage suffixes Manage suffixes Backup database Restore database Optimize databas	Import LDIF data Enter the path and name of the LDIF file (on the LDAP server) fn Note: Before Importing an LDIF file you must add the correspond Path and LDIF file name [/opt/IBM/Idap/V6.0/examples/sample.Idif Remove trailing spaces in Standard Import or Bulkload Standard Import Cotat 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. Start time Elapsed time	Browse Browse Buikload Use buikload for very far Buikload options Enable schama ches Enable ACL checkin Enable gassword po
24	Task messages 8/13/2007	© 2007 IBM Corporation

Click the browse button to select the location of the ldif file that you wish to import. In the "/opt/IBM/ldap/V6.0/examples" directory a sample ldif file named "sample.ldif" is provided with the installation. The sample ldif file contains a static group definition, multiple subtree definitions and 50 user entries.



The top level entries for the sample.ldif file are defined as follows. These entries must be loaded before any user data can be loaded. The sample.ldif file contains these entries in the beginning of the ldif so the user entries can be loaded as part of the same file.

dn: o=IBM, c=US objectclass: top objectclass: organization o: IBM

dn: ou=Austin, o=IBM, c=US ou: Austin objectclass: top objectclass: organizationalUnit seealso: cn=Linda Carlesberg, ou=Austin, o=IBM, c=US

dn: ou=In Flight Systems, ou=Austin, o=IBM, c=US ou: In Flight Systems objectclass: top objectclass: organizationalUnit description: main product:Course Maker businessCategory: aircraft seealso: cn=Maria Garcia, ou=In Flight Systems, ou=Austin, o=IBM, c=US

dn: ou=Home Entertainment, ou=Austin, o=IBM, c=US ou: Home Entertainment objectclass: top objectclass: organizationalUnit description: Home Entertainment product development businessCategory: Home Entertainment

dn: ou=Groups, o=IBM, c=US objectclass: top objectclass: organizationalUnit ou: Groups

sxctg – load		ration Tool	
File Help Choose a task: Overview Manage administr Configure databas Unconfigure databas Manage changelor Manage schema fil Export LDIF data Exclup database Restore database Optimize databas	Import LDIF data Schema checking is done on the data, but the data is not added to the directory. Warning: To improve performance Bukkoad does not check the correctness of the data. Run Data validation only on the LDIF file before attempting bukkload.	Use buikload for very large LDIF files. Buikload options Enable solitens checking Enable ACL checking Enable gassword policy	
		Clear resu 2009 <u>C</u> lose <u>Help</u>	Its]

Scroll to the bottom of the panel and click the "Import" button to begin loading the sample Idif file.



Once the ldif file is loaded, a success message indicating the number of entries loaded is displayed in the "Task messages" panel. Click the "Close" button to exit the "Import LDIF data" panel.

