

IBM Tivoli Software



Introduction to IBM Tivoli Directory Server 6.0 – Installation and Configuration Using InstallShield MultiPlatform (ISMP)

Excerpt taken from presentation given on April 10, 2007
Starting the IBM Tivoli Directory Server

Support Technical Exchange Web site

http://www-306.ibm.com/software/sysmgmt/products/support/supp_tech_exch.html

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Starting the Server

There are several options for starting the server.

For Example:

- **ibmslapd, idsslapd**
- **ibmdirctl, idmdirctl**
- **The Web Administration tool**

In this example, I will start up the server using ibmdirctl.

The administration daemon control program, ibmdirctl, is used to start, stop, restart or query the status of the IBM Tivoli Directory Server. It can also be used to stop the administration daemon. To display syntax help for ibmdirctl, type ibmdirctl -?.

Note: The administration daemon (idsdiradm) must be running for the ibmdirctl

Starting the Server

1. Verify the ports associated with your instance using the `idsilist -a` command

```
==> idsilist -a
Directory server instances:
-----
Instance 1:
Name: ismpinst
Version: 6.0
Location: /home/ismpinst
Description: instance for ISMP example
IP Addresses: All available
Port: 389
Secure Port: 636
Admin Daemon Port: 3538
Admin Daemon Secure Port: 3539
Type: Directory Server
```

Starting the Server

2. Start the Administration Daemon

To start the Administration Daemon issue the following command:

ibmdiradm -I <instance name>

In this example our instance name is “ismpinst”.

```
==> ibmdiradm -I ismpinst
GLPCOM003I Non-SSL port initialized to 3530.
GLPADM028I Admin Daemon audit logging is started.
GLPADM004I IBM Tivoli Directory (SSL), 6.0      ibmdiradm started
[ root:/tmp/C84FUML/itdsV60/itds ]
==>
```



Starting the Server

3. Start the server using the `ibmdirctl` command.

```
ibmdirctl -h <hostname> -D <Admin DN> -w <Admin password> -p <Admin port>  
start
```

Since this command runs using the Administration Daemon you can issue this command from any ITDS client.

```
root@l2aix:/  
# ibmdirctl -h ldapaixc1 -D cn=root -w secret -p 3538 start  
Start operation succeeded  
root@l2aix:/  
#
```

To verify that the server is now running, you can issue the `ibmdirctl` command again and specify the “status” option

```
root@l2aix:/  
# ibmdirctl -h ldapaixc1 -D cn=root -w secret -p 3538 status  
ibmslapd process is running.  
root@l2aix:/  
#
```



Installation - ISMP

You should now understand how to do the following:

- **Install ITDS version 6.0 and prerequisite software via ISMP**
- **Create Users and Groups from command line**
- **Create and Configure an ITDS and DB2 instance using idsxinst**
- **Create and Configure a DB2 database using idsxinst**
- **Configure the Administrative DN and password using idsxcfg**
- **Configure a Suffix DN using idsxcfg**
- **Import data from an Idif file using idsxcfg**
- **Start the server from a remote ITDS ldap client using ibmdirctl**



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