IBM Tivoli Software

IBM

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

Excerpt taken from presentation given on April 10, 2007
Step-by-step installation using ISMP

Support Technical Exchange Web site
http://www-306.ibm.com/software/sysmgmt/products/support/supp_tech_exch.html

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IBM Tivoli Directory Server is:

- **A powerful and authoritative enterprise directory infrastructure that is a critical enabler for enterprise security.**

- **An important part of the IBM Tivoli Integrated Identity Management portfolio and plays a key role in building the enterprise identity data infrastructure for applications such as identity management, portals, and Web services.**

- **The default directory for WebSphere(R) Application Server and Portal, Tivoli Identity Manager and Access Managers, as well as the AIX operating system.**

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A quick overview of ITDS

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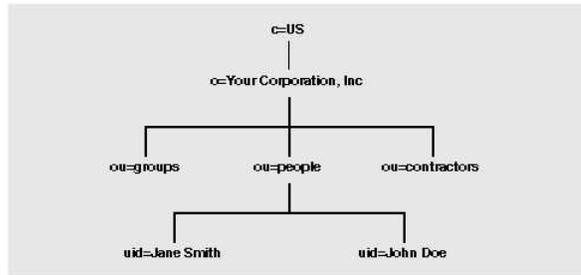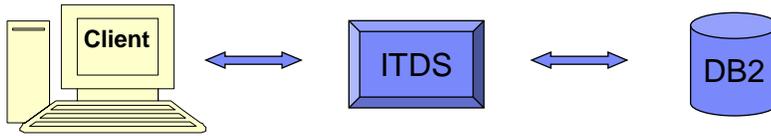
New Features

- **Multiple directory servers on a single computer**

- **Multiple versions of clients on a single computer**

- **Coexistence of IBM Tivoli Directory Server with other directory vendors, including openLDAP and sunOne, is supported in this release.**

- **64-bit client support (on specific platforms)**

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New Features

- **Proxy server**
- **IPv6 middleware enablement**
- **Security enhancements**
- **Performance enhancements**

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New Features

- **Serviceability and manageability enhancements**

- **Ease of use and deployment improvements**

- **Additional operating system support**
  - Support for SuSe Linux Enterprise Server 9 is provided.
  - Support for AIX 5.3 is provided.

- **Updated versions of co requisite products are provided.**

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Useful Links

- **ITDS Support Site http://www-306.ibm.com/software/sysmgmt/products/support/IBMDirectoryServer.html**

- **ITDS documentation http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?toc=/com.ibm.IBMDS.doc/toc.xml**

- **EOS information http://www-306.ibm.com/software/sysmgmt/products/support/lifecycle/**

- **Supported Platforms http://www-306.ibm.com/software/tivoli/products/directory-server/requirements.htm**

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Before starting any installation please review the Supported Platforms information and the Installation and Configuration guide.

Installation

If you are downloading the ISMP or Native install of ITDS version 6.0 from Passport Advantage (http://www-142.ibm.com/software/sw-lotus/services/cwepassport.nsf/wdocs/passporthome) please verify that you have downloaded the appropriate packages:

ISMP :

C91FSML.iso -> itds60-aix-ppc-ismp.iso

C83WMML.tar -> itds60-aix-ppc-ismp.tar

Native:

C83WNML.iso -> itds60-aix-ppc-native.iso

C84FUML.tar -> itds60-aix-ppc-native.tar

Section 1

Installation and Configuration of ITDS 6.0 on AIX 5.3 via ISMP

- Install ITDS v6.0 and prerequisite software
- User Creation
- Directory Server instance creation using the Instance Administration tool
- Database Creation and configuration
- Set the Admin Dn and Password
- Configure a suffix using the idsxcfg utility
- Load sample data using the idsxcfg utility
- Start the ITDS server using ibmdirctl

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Installation - ISMP

For this ISMP installation we will use the following package:

C83WMML.tar -> itds60-aix-ppc-ismp.tar

IBM Tivoli Directory Server V6.0, (tar - ISMP) for AIX, Multilingual (C83WMML)   →   18-Apr-2005   ⊘   489.0   ⊡
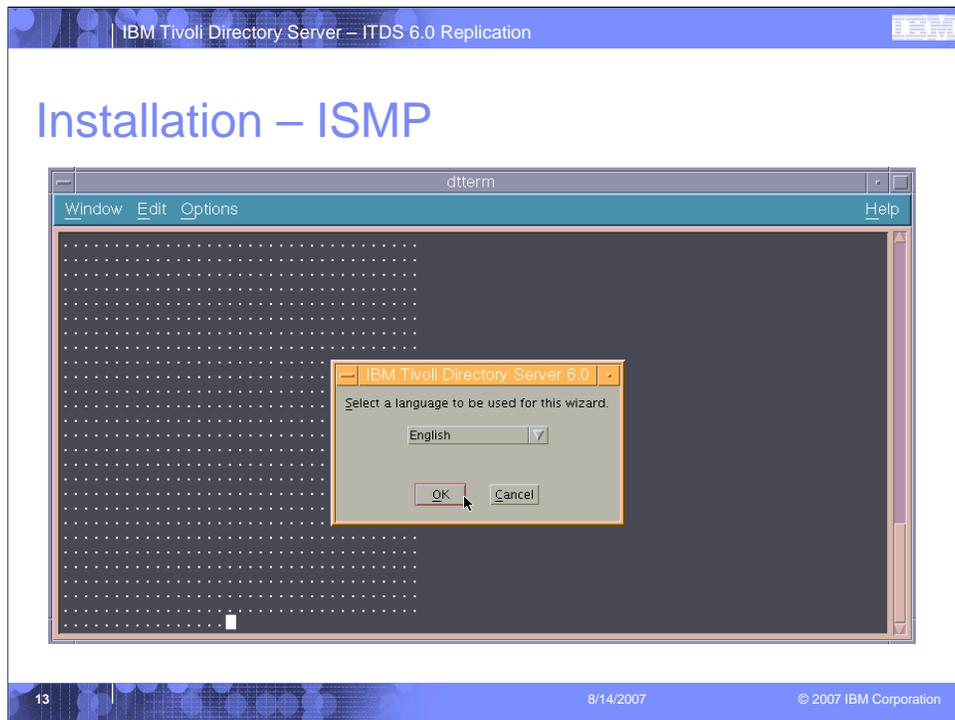
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Installation - ISMP

Download and extract the C83WMML.tar file.

```
==> ls
C83WMML.tar
[ root:/tmp/C83WMML ]
==> tar -xf C83WMML.tar
[ root@ldapaixc1:/tmp/C83WMML ]
==> ls
C83WMML.tar  itdsV60ismp
[ root:/tmp/C83WMML ]
==> cd itdsV60ismp
[ root:/tmp/C83WMML/itdsV60ismp ]
==> ls
appsrv        itds            license        tools
doc           itdsLangpack    setup
[ root:/tmp/C83WMML/itdsV60ismp ]
==>
```
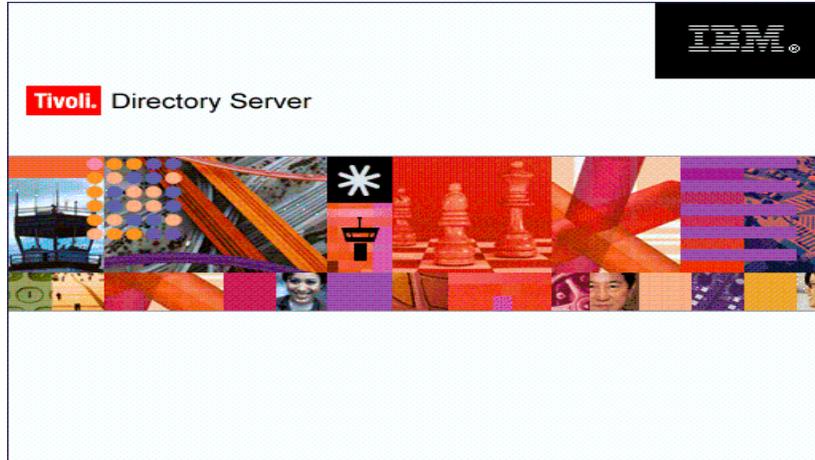
Installation – ISMP

Starting the ISMP installer

```
dtterm
Window  Edit  Options                                            Help

==> ls
appsrv        itds         license       tools
doc           itdsLanqpack setup

==> ./setup
InstallShield Wizard

Initializing InstallShield Wizard...

Preparing Java(tm) Virtual Machine...
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```

To install IBM Tivoli Directory Server 6.0:

1. Log in as **root**.

2. If you are installing from a CD, insert the CD in your CD-ROM drive, and then change directories to the root directory on the CD. If you are installing from the downloaded tar file, go to the itdsV60ismp subdirectory of the directory where you untarred the downloaded tar file.

3. Type ./setup.

1) Select the language to be used for the ISMP install wizard and click the "OK" button.

**Note: If you would like to install additional languages via the ISMP installer, please refer to our online documentation for additional information.

http://publib.boulder.ibm.com/infocenter/tivihelp/v2r1/index.jsp?topic=/com.ibm .IBMDS.doc/install08.htm

Installation – ISMP

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After selecting the language choice for the installed the Tivoli Directory Server logo screen will appear.

After the Tivoli Directory Server logo flashes you will see the Initializing wizard screen.
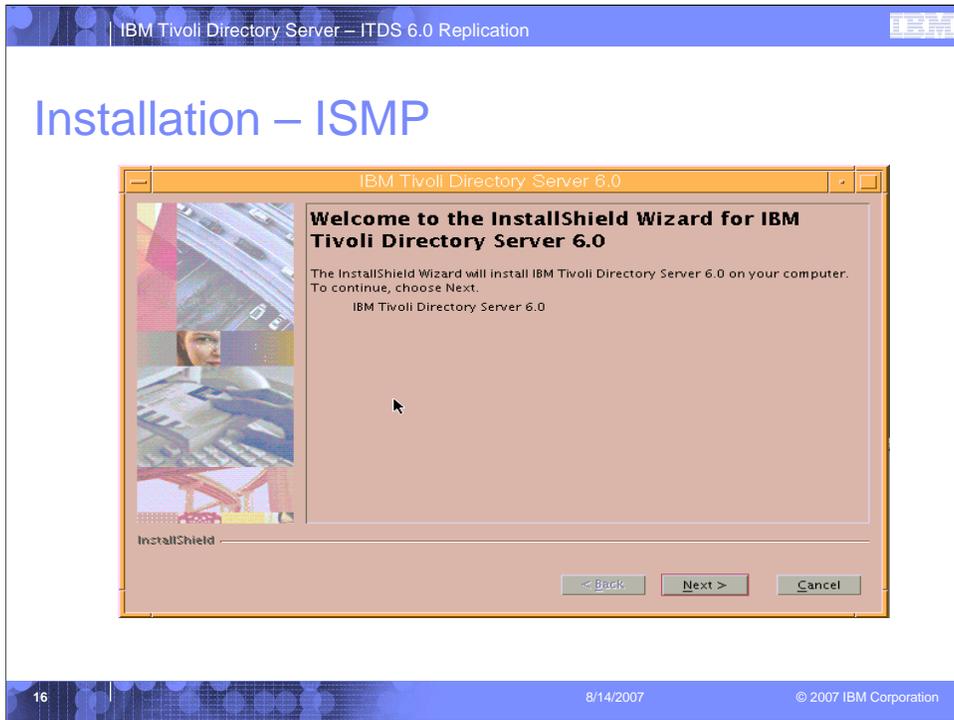
After the ISMP install wizard has finished initializing the Welcome screen is displayed. Click "Next" to continue.

Accept the Software License Agreement in order to proceed with the Installation.

1. Select the Radio button next to "I accept the terms in the license agreement"
2. Click the "Next" button.
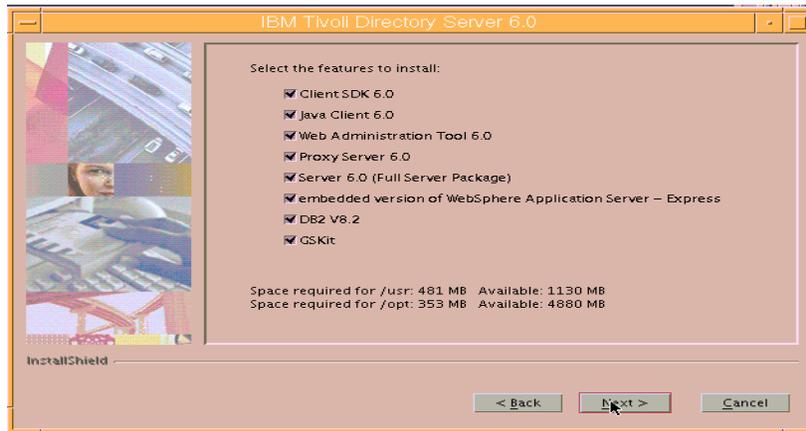
Select the features you wish to install and click "Next" to continue.

Installation – ISMP
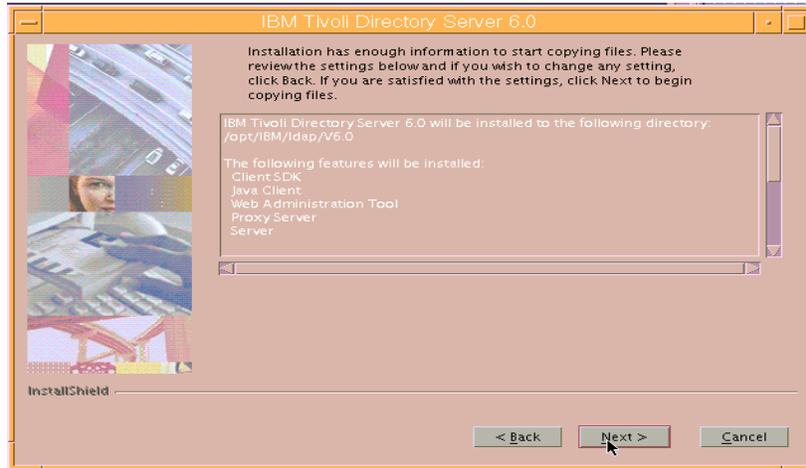
Confirm your selections and click "Next" to proceed with the installation.
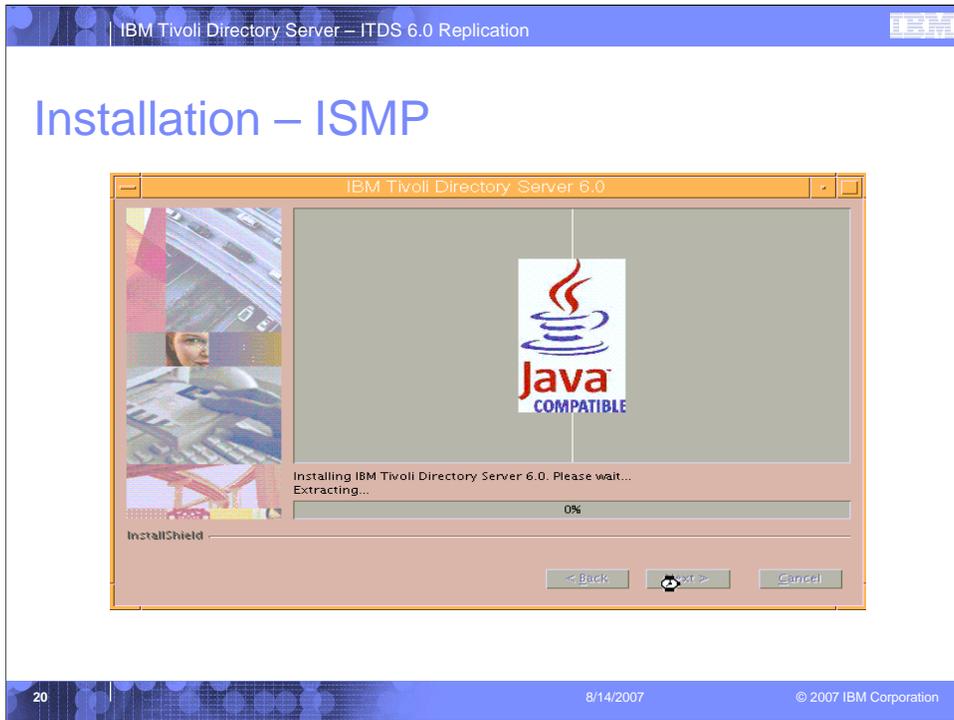
The install shield wizard will extract the packages you selected as it prepares to install. During the install you can monitor progress by watching the progress bar on the ISMP install wizard.
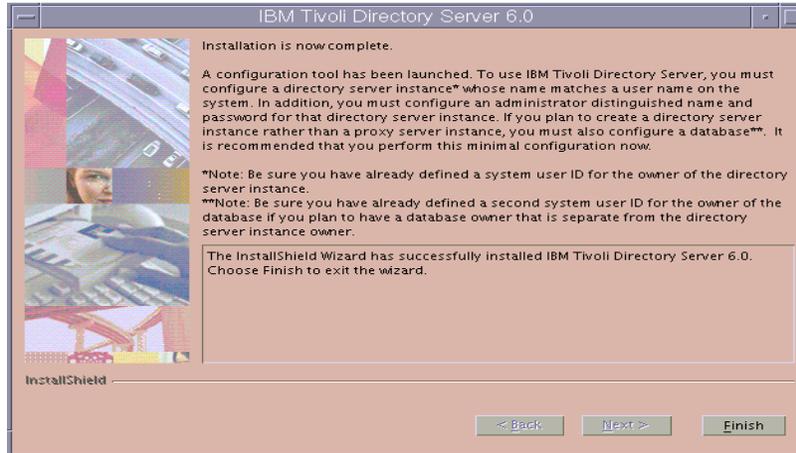
When the installation completes you will the installation complete screen. Click the "Finish" button to complete the install. Upon completion the Instance Administration tool is launched.

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