



IBM Software Group

IBM WebSphere® Data Interchange V3.3

Installing AIX Server



@business on demand.

Goals

- Define prerequisite steps prior to installation
- Outline Installation Procedures on AIX
- Describe post installation verification test

Prerequisite Installation Steps

- DB2 Installation
- Determine your display settings
 - ▶ Are you installing on a remote AIX system, or do you have access to the console of the system.
 - ▶ For a remote system you will need to export your DISPLAY environment variable.
 - Export DISPLAY=nnn.nnn.nnn.nnn:0.0
 - Ensure your local system is capable of displaying X11 windows from remote systems. There are many different Windows X11 servers available, including many open source options.

Beginning the Installation

- Insert and mount the WebSphere Data Interchange install media.
- From the AIX command line execute the install program
 - ▶ wdi.aix
- Select the installation path for the server
 - ▶ By default the server will be installed in /opt/IBM/WDIServer/V3.3
- Once you have selected the directory the install wizard will complete the installation.

Upgrading/Migrating DB2 7 Databases

- If you are upgrading from WebSphere Data Interchange V3.2 and are running DB2 7 you will need to migrate your existing database to DB2 8

▶ <http://publib.boulder.ibm.com/infocenter/db2luw/v8/index.jsp>

- Document provides details on installing and migrating to a new version of DB2
- Involves the following steps
 - Backup existing databases
 - Install new version of DB2
 - Perform migration command to move databases to new version

Create and configure the Database

- Using your DB2 admin user id create the database for the WDI server
 - ▶ After the installation you will have the following directories in your base install directory
 - bin, bind, ddl, eif, include, license, mig32, runtime and samples.
 - ▶ From the ddl directory issue the following command:
 - `db2 -tf createdb.ddl > createdb.out`
 - ▶ From the `/u/<db2 instance>/sqllib/bnd` directory issue the following commands
 - `db2 connect to ediec33e`
 - `db2 bind @db2ubind.lst messages bind.msg grant public`
 - `db2 bind @db2cli.lst messages clibind.msg grant public`
 - `db2 connect reset`

Create and configure the Database (continued)

- Return to the ddl directory in the WDI base installation directory and execute the following commands:
 - ▶ `db2 -tf ediec33.ddl -l ec33.log`
 - ▶ `db2 -tf grntec33.ddl -l grntec33.log`
- Change directories to the bind directory and issue the following command:
 - ▶ `db2 -tf bindgrnt.fil -l bind.log`
- Change to the eif directory and load the base data for WDI server by executing the command:
 - ▶ `loadeif`

Remote Procedure Setup

- To use the remote execution function of the client connecting to a Windows database, the database will need to be stopped and restarted once all the previous setup is complete. This will allow the stored procedures to be loaded.
- For use of the remote execution function of the Client connecting to an AIX database, you will need to add the `setdienv.sh` to the DB2 profile of the user starting DB2 and then restart DB2.

Post Installation Verification Test

- In the base installation directory locate the samples directory.
- Ensure your user id has write permission to the directory.
- Execute the command: `wditest`
- You should see the following output

```
DI Translator Started, build date: Jan 30 2007  
DI Translator processed your request.  
DI Translator shutdown
```

Trademarks, copyrights, and disclaimers

The following terms are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both:

IBM	CICS	IMS	WMQ	Tivoli
IBM (logo)	Cloudscape	Informix	OS/390	WebSphere
e (logo) business	DB2	iSeries	OS/400	xSeries
AIX	DB2 Universal Database	Lotus	pSeries	zSeries

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

Intel, ActionMedia, LANDesk, MMX, Pentium and ProShare are trademarks of Intel Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Linux is a registered trademark of Linus Torvalds.

Other company, product and service names may be trademarks or service marks of others.

Product data has been reviewed for accuracy as of the date of initial publication. Product data is subject to change without notice. This document could include technical inaccuracies or typographical errors. IBM may make improvements and/or changes in the product(s) and/or program(s) described herein at any time without notice. Any statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only. References in this document to IBM products, programs, or services does not imply that IBM intends to make such products, programs or services available in all countries in which IBM operates or does business. Any reference to an IBM Program Product in this document is not intended to state or imply that only that program product may be used. Any functionally equivalent program, that does not infringe IBM's intellectual property rights, may be used instead.

Information is provided "AS IS" without warranty of any kind. THE INFORMATION PROVIDED IN THIS DOCUMENT IS DISTRIBUTED "AS IS" WITHOUT ANY WARRANTY, EITHER EXPRESS OR IMPLIED. IBM EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT. IBM shall have no responsibility to update this information. IBM products are warranted, if at all, according to the terms and conditions of the agreements (e.g., IBM Customer Agreement, Statement of Limited Warranty, International Program License Agreement, etc.) under which they are provided. Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products in connection with this publication and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. IBM makes no representations or warranties, express or implied, regarding non-IBM products and services.

The provision of the information contained herein is not intended to, and does not, grant any right or license under any IBM patents or copyrights. Inquiries regarding patent or copyright licenses should be made, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. All customer examples described are presented as illustrations of how those customers have used IBM products and the results they may have achieved. The actual throughput or performance that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput or performance improvements equivalent to the ratios stated here.

© Copyright International Business Machines Corporation 2006. All rights reserved.

Note to U.S. Government Users - Documentation related to restricted rights-Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract and IBM Corp.

