Installing and Configuring Oracle 10g Express Edition

for use with the ETM® System

Contents

Oracle 10g XE Installation and Configuration	1
Preparing Oracle 10g XE for use with the ETM [®] System	1
Installation	1
Running the Oracle 10g XE Database Configuration Script	5
Sample output of running oraclexe_config.pl	5
Where to Go From Here	9

ii • Oracle 10g XE Installation and Configuration

Oracle 10g XE Installation and Configuration

Preparing Oracle 10g XE for use with the ETM[®] System

This document explains how to install the Oracle 10g Express Edition (XE) software on Windows and then run the Perl scripts to prepare the XE database for use with the $\text{ETM}^{\textcircled{B}}$ System. Oracle 10g XE is not supported on Solaris.

Installation To install Oracle 10g Express Edition (XE)

1. Start the installer by executing **OracleXE.exe**. After the setup program prepares the InstallSheild wizard, the **Welcome** dialog box appears.



2. Click **Next**. The license agreement appears.

Oracle 10g XE Installation and Configuration • 1

Oracle Database 10g Express Edition - Install Wizard	×
License Agreement Please read the following license agreement carefully.	DATABASE EXPRESS EDITION
ORACLE DATABASE 10g EXPRESS EDITION LICENSE AGREEMENT	
To use this license, you must agree to all of the following terms (by either clicking the accept button or installing and using the program):	
I accept the terms in the license agreement I do not accept the terms in the license agreement	▼ int
Instalibitierd Kack Next > C	Cancel

3. Accept the license agreement and click **Next**. The **Destination Location** dialog box appears.

hoose Destination Location		
		ORACI
Select folder where setup will ins	tall files.	DATABA Express cor
Setup will install Oracle Databas	e 10g Express Edition in the follo	wing folder.
To install to this folder, click Nex another folder.	kt. To install to a different folder, c	lick Browse and select
🔽 Oracle Database 10g Expres	s Edition	1593016 K
Oracle Database 10g Express	s Edition	1593016 K
✓ Oracle Database 10g Expres	sEdition	1593016 K
Oracle Database 10g Expres Destination Folder	s Edition	1593016 K
Oracle Database 10g Expres Destination Folder	s Edition	1593016 K
Oracle Database 10g Expres Destination Folder C:\oraclexe\	s Edition	1593016 K Browse
Oracle Database 10g Expres Oracle Database 10g Expres Oraclexe C:\oraclexe\ Space Required on C:	s Edition 1593016 K	1593016 K Browse
Oracle Database 10g Expres Destination Folder C:\oraclexe\ Space Required on C: Space Available on C: Space Available on C:	s Edition 1593016 K 18591928 K	1593016 K
Oracle Database 10g Expres Destination Folder C:\oraclexe\ Space Required on C: Space Available on C: Shield	s Edition 1593016 K 18591928 K	1593016 К Вгожзе

- 4. Click **Next** to accept the default installation location. The default is **C:\oraclexe**. You can optionally browse to and select a different destination folder.
- 5. The Choose Database Listener Port dialog box appears.

Oracle Data	oase 10g Express	Edition - Install Wizard	×
Choose D	atabase Listener	Port	DATABASE EXPRESS EDITION
The default running on t	database listener por he system.	rt, 1521, is currently in use, possibly by another database li	stener
Enter a port use.	that is not currently in	n use for the Oracle 10g Express Edition database listener	to
Port	1522	L3	
InstallShield —			
		<back next=""> Ca</back>	ancel

The default port is **1521**.

- If port 1521 is available, click **Next**.
- If the default port is already in use, you are informed and prompted to specify a free port, as shown above. After specifying the port, click **Next**.
- 6. Click **Next**. The **Passwords** dialog box appears.

Oracle Database 10g Express Edition - Insta	l Wizard 🗙
Specify Database Passwords	CRACLE DATABASE EXPASS BOTTOM
Enter and confirm passwords for the database. The the SYSTEM database accounts.	nis password will be used for both the SYS and
Enter Password	₩.
Confirm Password	
Note: You should use the SYSTEM user along w Database Home Page after the install is complete	ith the password you enter here to log in to the a.
InstallShield	
	< Back Next > Cancel

Oracle 10g XE Installation and Configuration • 3

7. In the **Enter Password** and **Confirm Password** boxes, type the password to be used for the SYS and SYSTEM database accounts, and then click **Next**. The **Summary** dialog box appears.

Oracle Database 10g Express Edition - Install Wizard	×
Summary Review settings before proceeding with the Installation.	DATABASE EXPRESS EDITION
Current Installation Settings:	
Destination Folder: C:\oraclexe\ Port for 'Oracle Database Listener': 1522 Port for 'Oracle Services for Microsoft Transaction Server': 2030 Port for HTTP Listener: 8080	×
I	
4	V V
InstallShield	
< Back Install	Cancel

- 8. Click **Install**. Installation begins.
- 9. When the installation is complete, the **Complete** dialog box appears. At this point, the 10g XE database software has been installed and an instance has been created and is running.

Oracle Database 10g Express Edition - Install Wizard	
	InstallShield Wizard Complete
	Setup has finished installing Oracle Database 10g Express Edition on your computer.
DATABASE EXPRESS EDITION	Launch the Database homepage.
	k,
	< Back. Finish Cancel

10. Clear the Launch the Database homepage check box, and then click Finish.

Running the Oracle 10g XE Database	IMPORTANT Active Perl must be installed on the database host computer before you can run the Perl scripts to create and configure the ETM Database.
Configuration Script	Unlike the other supported versions of Oracle, installation of the Express Edition instantiates and starts a database instance, identified by the SID XE , and a listener automatically. The database configuration script, which is run on the database host computer, configures the database instance for use by the Management Server.
	To run the database configuration script
	1. Be sure Active Perl is installed.
	 From a command prompt, change to the ETM scripts directory: <install_dir>\scripts\Oracle.</install_dir>
	3. At the prompt, type: perl oraclexe_config.pl
	4. Follow the onscreen prompts.
	• Some prompts provide default values that you can accept by pressing ENTER. These are denoted by square brackets.
	• Example input is denoted by parenthesis. You must type a value for these items; no default values are provided.
Sample output of running	C:\Program Files\SecureLogix\ETM\scripts\Oracle> perl oraclexe_config.pl
oraclexe_config.pl	SecureLogix Corporation's Oracle XE DB Customization Utility
	Version: 1.0
	Please Enter the value for Oracle XE installation directory (C:\oraclexe\): C:\oraclexe
	Are you sure you want to set Oracle XE installation directory to C:\oraclexe\? (y/n): y
	Would you like the script to modify the tnsnames.ora file? (y/n) [y]: y
	Please enter your Host Address [10.1.1.206]:
	10.1.1.206 - Is this correct? (y/n) [n]: y
	Please enter the listener port for Oracle [1521]: 1521

1521 - Is this correct? (y/n) [y]: y Please enter the preferred Tablespacename [ETM]: Please enter the ETM User name [etmuser]: Please specify the password for the ETM User: Iwalk8miles Please re-enter the password for the ETM User: Iwalk8miles Database customization sql script written to: C:\oraclexe\app\oracle\product\10.2.0\server\ config\scripts\etmCustomDB.sql Please enter the password for database user 'sys': Admin123 C:\oraclexe\app\oracle\product\10.2.0\server\bin\ sqlplus "sys/Admin123 AS SYSDBA" @C:\oraclexe\app\ oracle\product\10.2.0\server\config\scripts\ etmCustomDB.sql SQL*Plus: Release 10.2.0.1.0 - Production on Mon Oct 23 14:27:40 2006 Copyright (c) 1982, 2005, Oracle. All rights reserved. Connected to: Oracle Database 10g Express Edition Release 10.2.0.1.0 - Production SQL> SOL> DROP USER HR CASCADE; User dropped. SQL> DROP TABLESPACE USERS INCLUDING CONTENTS AND DATAFILES CASCADE CONSTRAINTS; Tablespace dropped. SQL> REM * Create the ETM user and tablespace SQL> CREATE TABLESPACE "ETM" LOGGING 2 DATAFILE 'C:\oraclexe\\oradata\XE\ ETM01.dbf' SIZE 100M 3 AUTOEXTEND ON NEXT 10M

4 EXTENT MANAGEMENT LOCAL;

Tablespace created.

SQL> REM * Create the default user for use with the system.

SQL> CREATE USER etmuser PROFILE "DEFAULT" IDENTIFIED BY "etmuser"

- 2 DEFAULT
- 3 TABLESPACE "ETM" TEMPORARY
- 4 TABLESPACE "TEMP" ACCOUNT UNLOCK;

User created.

SQL> REM * Explicitly grant the required system
privileges. We explicitly grant
SQL> REM * the privileges as opposed to granting
them via roles due to the fact
SQL> REM * that when running jobs via
DBMS_JOB.RUN() roles are ignored. Since
SQL> REM * we use DBMS_JOB to run various
maintenance procedures, we go ahead
SQL> REM * and explicitly grant the privileges to
cover all our bases. (For more
SQL> REM * information see the "Managing Job
Queues" section in the Oracle 9i
SQL> REM * Database Administrators Guide).

SQL> GRANT ALTER SESSION TO etmuser;

Grant succeeded.

SQL> GRANT CREATE PROCEDURE TO etmuser; Grant succeeded.

SQL> GRANT CREATE SEQUENCE TO etmuser; Grant succeeded.

SQL> GRANT CREATE SESSION TO etmuser;

Oracle 10g XE Installation and Configuration • 7

Grant succeeded.

SQL> GRANT CREATE MATERIALIZED VIEW TO etmuser; Grant succeeded.

SQL> GRANT CREATE TABLE TO etmuser; Grant succeeded.

SQL> GRANT CREATE TRIGGER TO etmuser; Grant succeeded.

SQL> GRANT CREATE VIEW TO etmuser; Grant succeeded.

SQL> REM * By default, just grant the user unlimited use of the tablespaces. SQL> REM * DBAs may optionally revoke this grant and set up specific quotas SQL> REM * for the various tablespaces. SQL> GRANT UNLIMITED TABLESPACE TO etmuser; Grant succeeded.

SQL> spool off SQL> EXIT Disconnected from Oracle Database 10g Express Edition Release 10.2.0.1.0 - Production

Database customization script executed.

End of SecureLogix Corporation's Oracle XE DB Customization Utility

C:\Program Files\SecureLogix\ETM\scripts\Oracle>

Where to Go From Here The Oracle 10g XE database is now installed, running, and configured with the ETM System user and necessary permissions and privileges. Next, you connect to the database with the ETM Database Maintenance Tool to complete database configuration. See the *ETM*[®] *System Installation Guide* for instructions.