

Installing and Configuring Oracle 10g Express Edition

for use with the ETM[®] System

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Oracle 10g XE Installation and Configuration

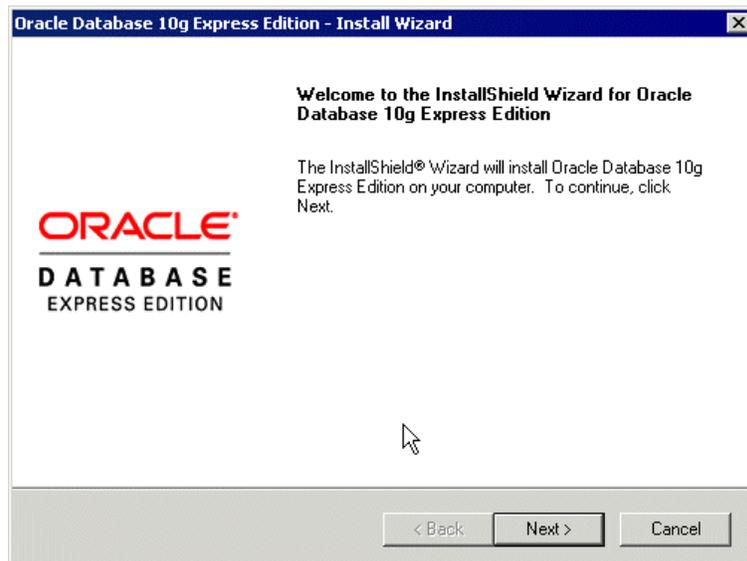
Preparing Oracle 10g XE for use with the ETM[®] System

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 ETM[®] System. Oracle 10g XE is not supported on Solaris.

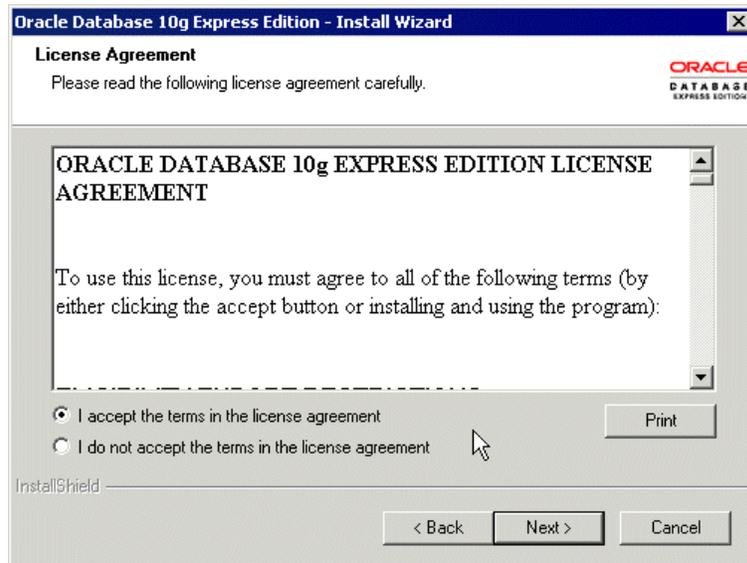
Installation

To install Oracle 10g Express Edition (XE)

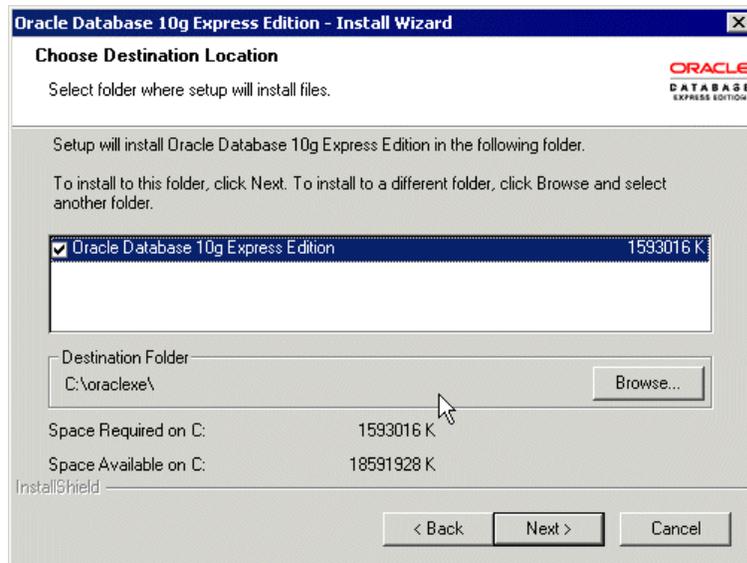
1. Start the installer by executing **OracleXE.exe**. After the setup program prepares the InstallShield wizard, the **Welcome** dialog box appears.



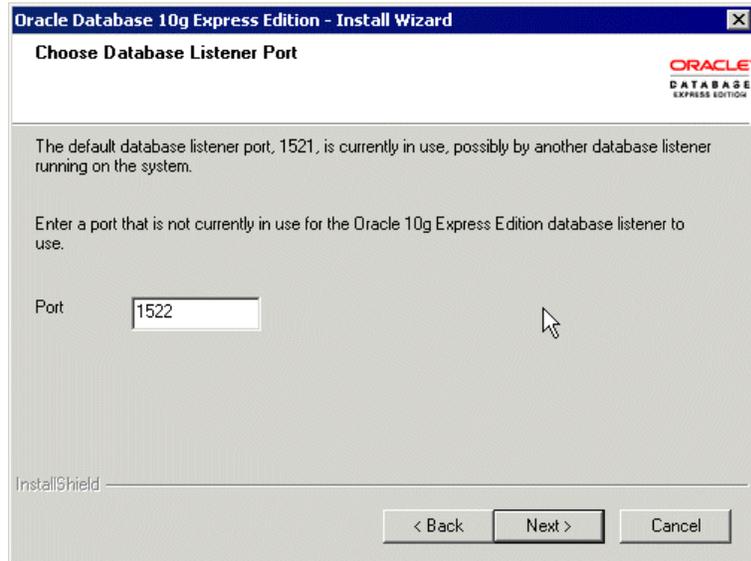
2. Click **Next**. The license agreement appears.



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



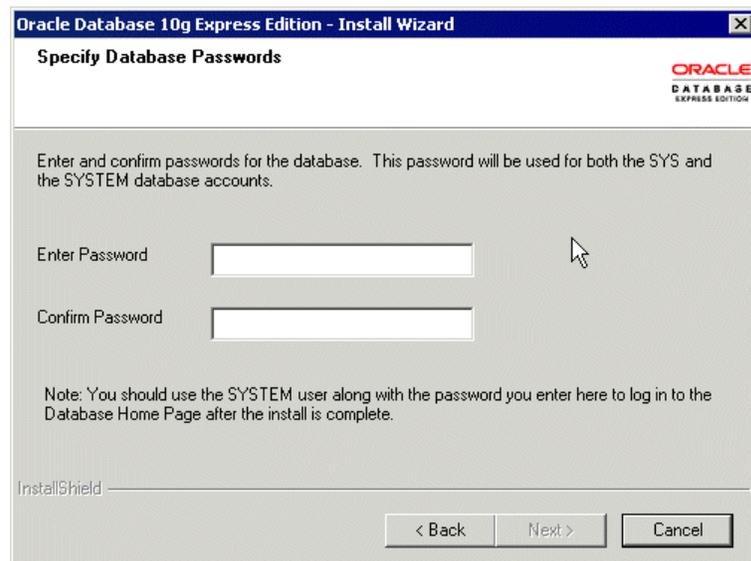
4. Click **Next** to accept the default installation location. The default is **C:\oraclexe**. You can optionally browse to and select a different destination folder.
5. The **Choose Database Listener Port** dialog box appears.



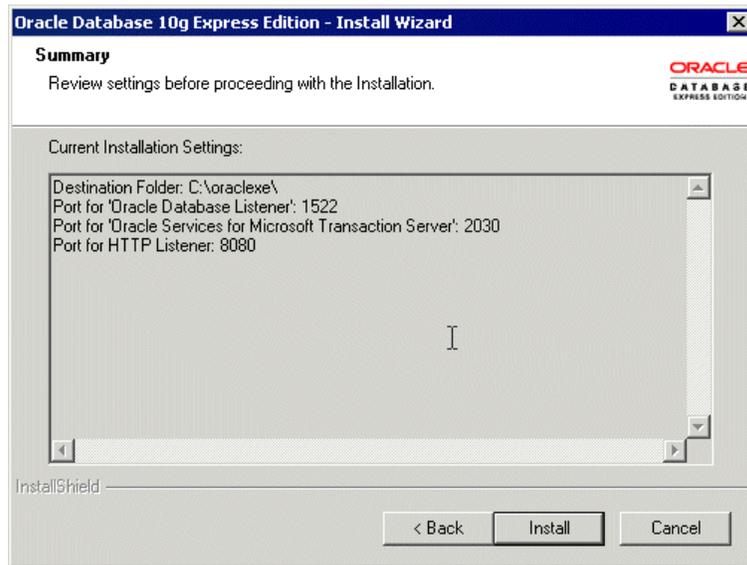
The default port is **1521**.

- 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**.

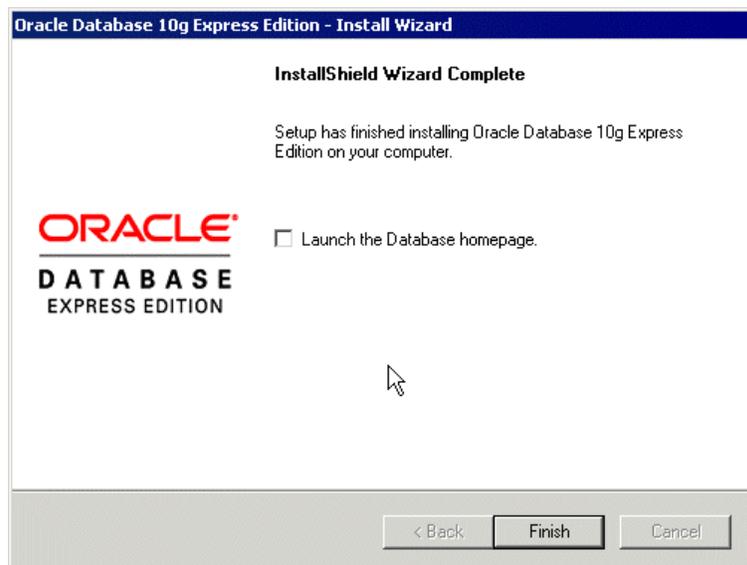
6. Click **Next**. The **Passwords** dialog box appears.



- 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.



- Click **Install**. Installation begins.
- 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.



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

Running the Oracle 10g XE Database Configuration Script

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.

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.
2. From a command prompt, change to the ETM scripts directory:
<INSTALL_DIR>\scripts\Oracle.
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 oraclexe_config.pl

```
C:\Program Files\SecureLogix\ETM\scripts\Oracle>
perl 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 Tablespace name [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>
SQL> 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;
```

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.