

Using PC-Duo Enterprise with MSDE

Microsoft SQL Server 2000 Desktop Engine (MSDE 2000) is a free version of Microsoft SQL Server that provides the core SQL Server database engine. It does not include a user interface for database administration and development, but it is fully compatible with Microsoft SQL Server 7.0 and SQL Server technologies and runs on Windows NT, 2000, XP and 2003. This document describes how to install and configure an MSDE server to host Enterprise Site Databases.

Installing MSDE

- 1 Download the MSDE 2000 kit from the Microsoft Web site. For more information, see <http://www.microsoft.com/sql/msde/downloads/download.asp>.
- 2 If you have just installed MDAC, reboot your PC.
- 3 Extract the contents of the MSDE kit to a temporary directory.
- 4 By default, the MSDE 2000 setup will not install a new instance of MSDE 2000 unless you specify a strong SA password using the installer's SAPWD parameter. To specify the SA password:
 - a In the temporary directory, open SETUP.INI and specify the details of the account you want to use for the SA login.
 - b Change the Security Mode to SQL.
For example, to specify a login password of *enterprise*, enter the following details:

```
[Options]
SAPWD="enterprise"
SECURITYMODE=SQL
```
 - c Save and close the SETUP.INI file.
- 5 Double-click SETUP.EXE to install MSDE using the settings you specified.
- 6 When the install displays a message asking if you want to reboot your PC, click Yes to complete the installation and create the MSDE server. By default, the server has the same name as the PC on which it is installed.

Creating an Enterprise MSDE Site

- 1 At a command prompt on the PC where MSDE is installed, navigate to the \Program Files\Microsoft SQL Server\80\Tools\Binn directory.
- 2 Type `OSQL -Usa -Psapassword`
Where *sapassword* is the password you specified in the SETUP.INI file.
- 3 At the MSDE osql command prompt, type `create database dbname` and press the ENTER key.
Where *dbname* is the name of the Site Database you want to create.
- 4 Type `go` and press the ENTER key. MSDE displays the details of the space used to create the new database. For example:

```
C:\Program Files\Microsoft SQL Server\80\Tools\Binn>osql -U SA -P enterprise
1> create database dbtest
2> go
The CREATE DATABASE process is allocating 0.63 MB on disk 'dbtest'.
The CREATE DATABASE process is allocating 0.49 MB on disk 'dbtest_log'.
```
- 5 Type `exit` and press ENTER to close the MSDE osql command prompt.

Enabling Network Access to the MSDE Server

If you want to access your MSDE Site from multiple Consoles or Schedulers, you must enable network access for your MSDE Server. This section describes how to enable the default SQL Server port on your MSDE server so that it can communicate with any Console or Scheduler using the SQL Server Client service, which is installed as part of Windows Operating Systems.

- 1 At a command prompt on the PC where MSDE is installed, navigate to the \Program Files\Microsoft SQL Server\80\Tools\Binn directory.
- 2 Type `svrnetcn`. The SQL Server Network Utility dialog is displayed.
- 3 In the **Disabled Protocols** list, select **TCP/IP**, and click **Enable** to enable the default SQL Server port. The protocol is displayed in the **Enabled Protocols** list.
- 4 Click **OK** to save your changes and close the dialog.
- 5 Open the SQL Server Service Manager in the Windows System Tray and restart the MSDE Server to enable the changes.

You can now use the database with Enterprise by clicking Create New Site in the Enterprise Console, selecting Create or copy a Site using custom options, and choosing the SQL Server and Create new database overwriting any existing file in the custom options.

For more information on creating Site Databases from the Enterprise Console, see Chapter 2: Creating Sites in the PC-Duo Enterprise User Manual.