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BioStar 1, Oracle

How to configure the Oracle settings to run BioStar

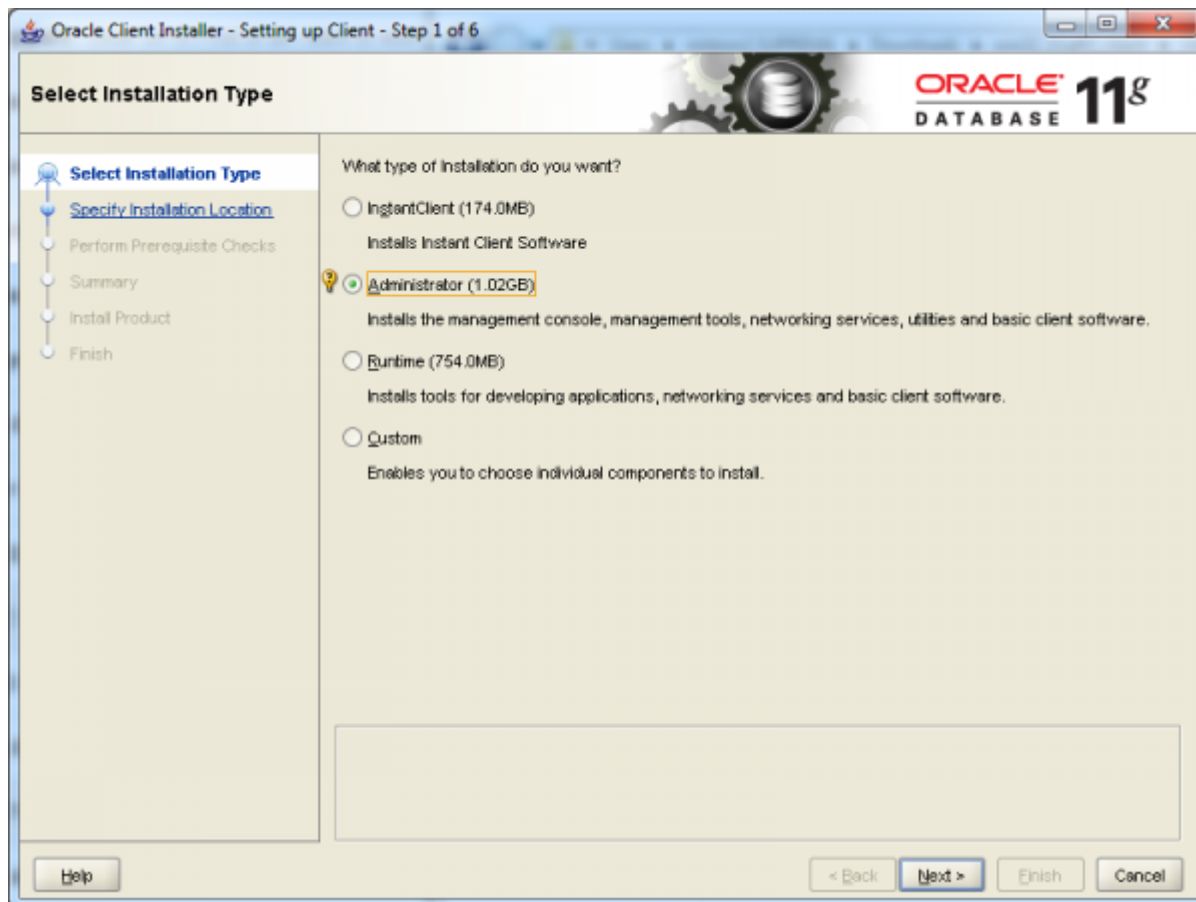
Installing Oracle Client

If the Oracle database server is 64 bit, you need to install the 32-bit Oracle Client. BioStar 1.x is a 32-bit application, so it can load 32-bit DLLs only. By installing the 32-bit Oracle Client, we can get 32-bit Oracle libraries.

You can download the 32-bit Oracle Client from

<http://www.oracle.com/technetwork/database/enterprise-edition/downloads/112010-win32soft-098987.html>.

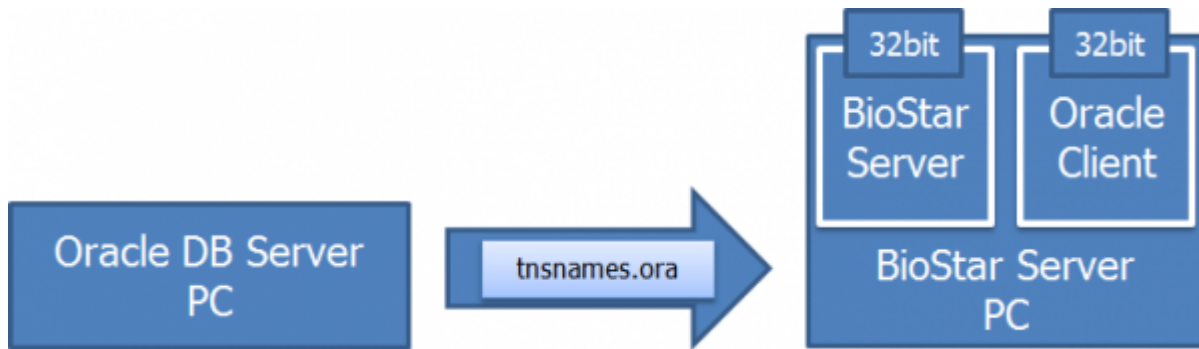
During the installation, you should select **Administrator**, as shown in the figure below:



After installing Oracle Client, you need to copy the **tnsnames.ora** file from Oracle Database Server PC to BioStar Server PC.

Let's say that the Oracle Database is installed in the C:\oraclexe folder. The tnsnames.ora file is located at **C:\oraclexe\app\oracle\product\11.2.0\server\network\ADMIN**.

1. Copy the **tnsnames.ora** file to the admin folder of the Oracle Client. If the Oracle Client is installed in the D drive, the admin folder for the Oracle Client will be **D:\app\mhkim2\product\11.2.0\client_1**.



2. Open **tnsnames.ora** using **Notepad** and edit it if needed. For example, you might need to change the IP address.

```
tnsnames.ora - Notepad
File Edit Format View Help
XE =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = mHKIM2-PC.users.suprema.co.kr)(PORT = 1522))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = XE)
    )
  )

EXTPROC_CONNECTION_DATA =
  (DESCRIPTION =
    (ADDRESS_LIST =
      (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1))
    )
    (CONNECT_DATA =
      (SID = PLSExtProc)
      (PRESENTATION = RO)
    )
  )

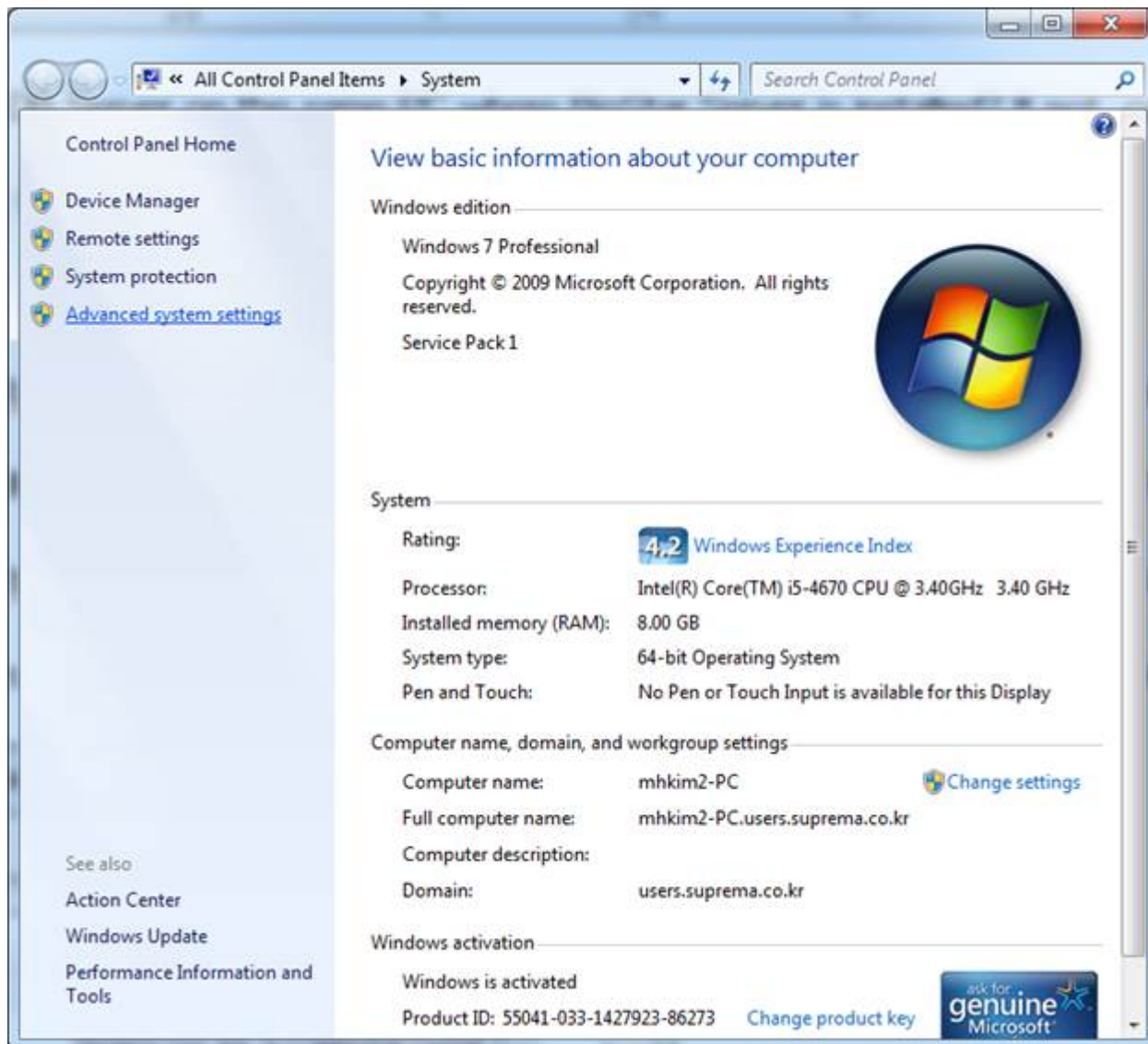
tnsnames.ora - Notepad
File Edit Format View Help
XE =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = 192.168.1.90)(PORT = 1522))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = XE)
    )
  )

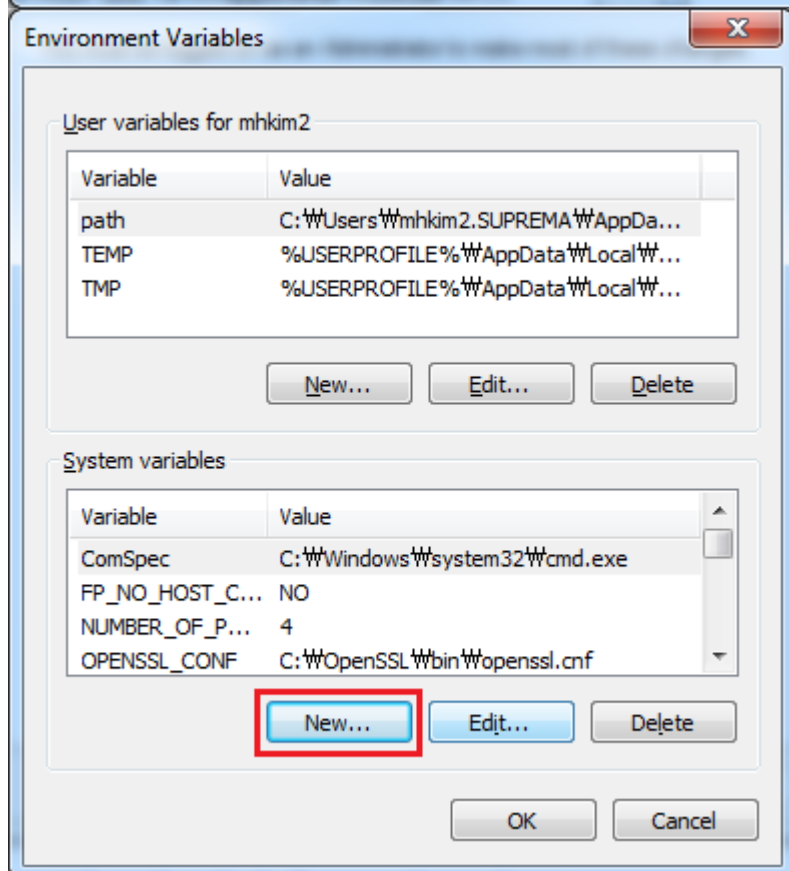
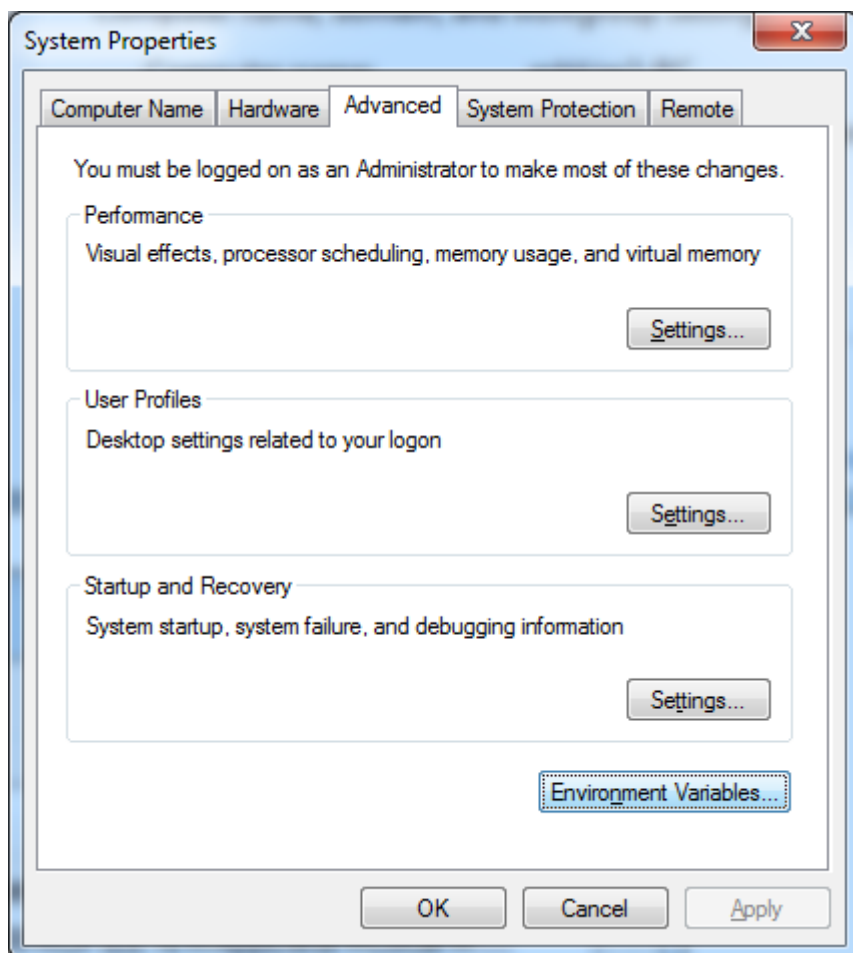
EXTPROC_CONNECTION_DATA =
  (DESCRIPTION =
    (ADDRESS_LIST =
      (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1))
    )
    (CONNECT_DATA =
      (SID = PLSExtProc)
      (PRESENTATION = RO)
    )
  )
```

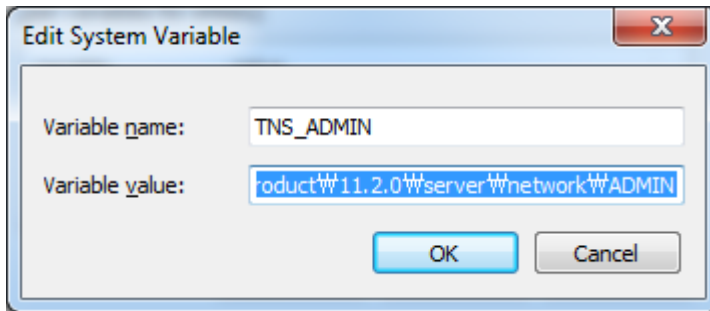
You need to create an environment variable to designate the tnsnames.ora file.

3. On **Control Panel**, go to **Advanced system settings > Environment Variables**.

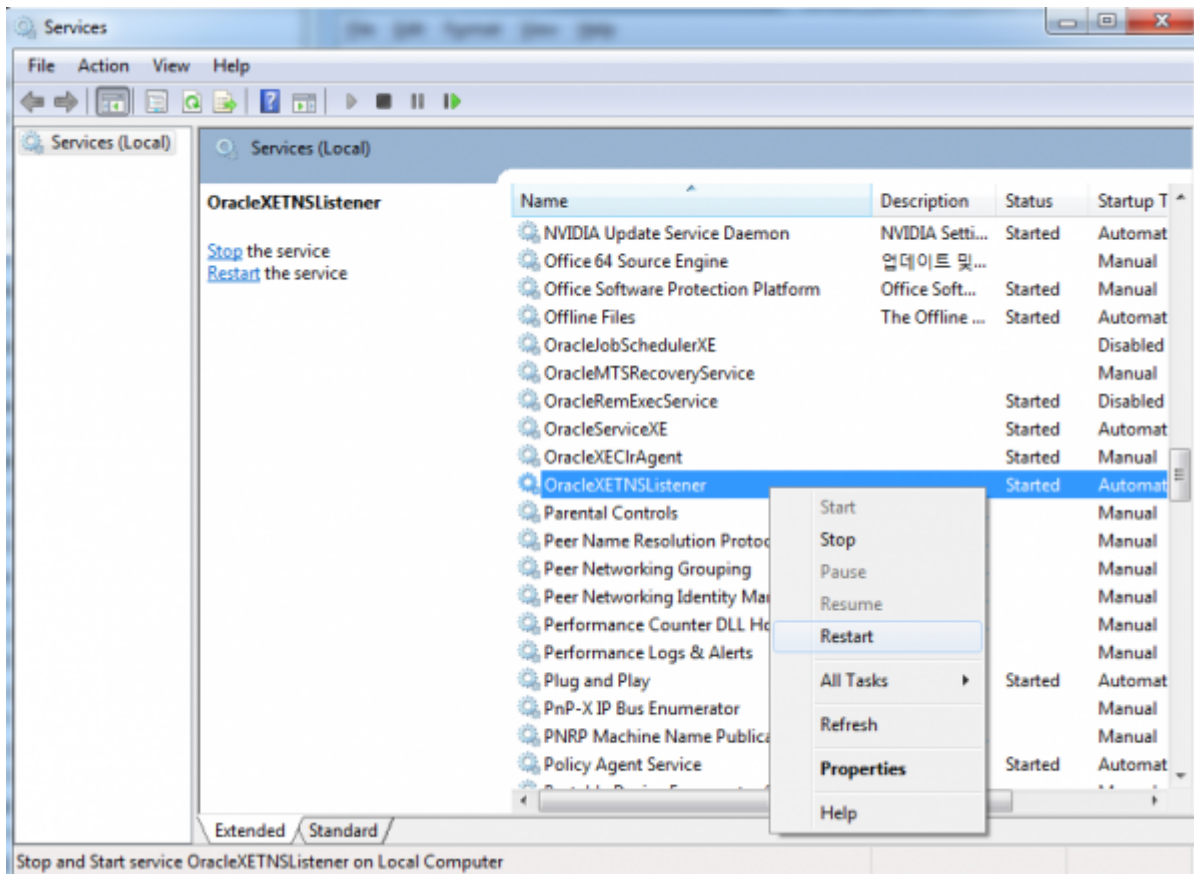
4. Click **New** to create the variable. Set the variable name to **TNS_ADMIN** and enter the admin folder for the value.







5. In **Control Panel**, go to **Services** and restart the Oracle Listener service and Oracle Service (**OracleServiceXE, OracleXETNSListener**).

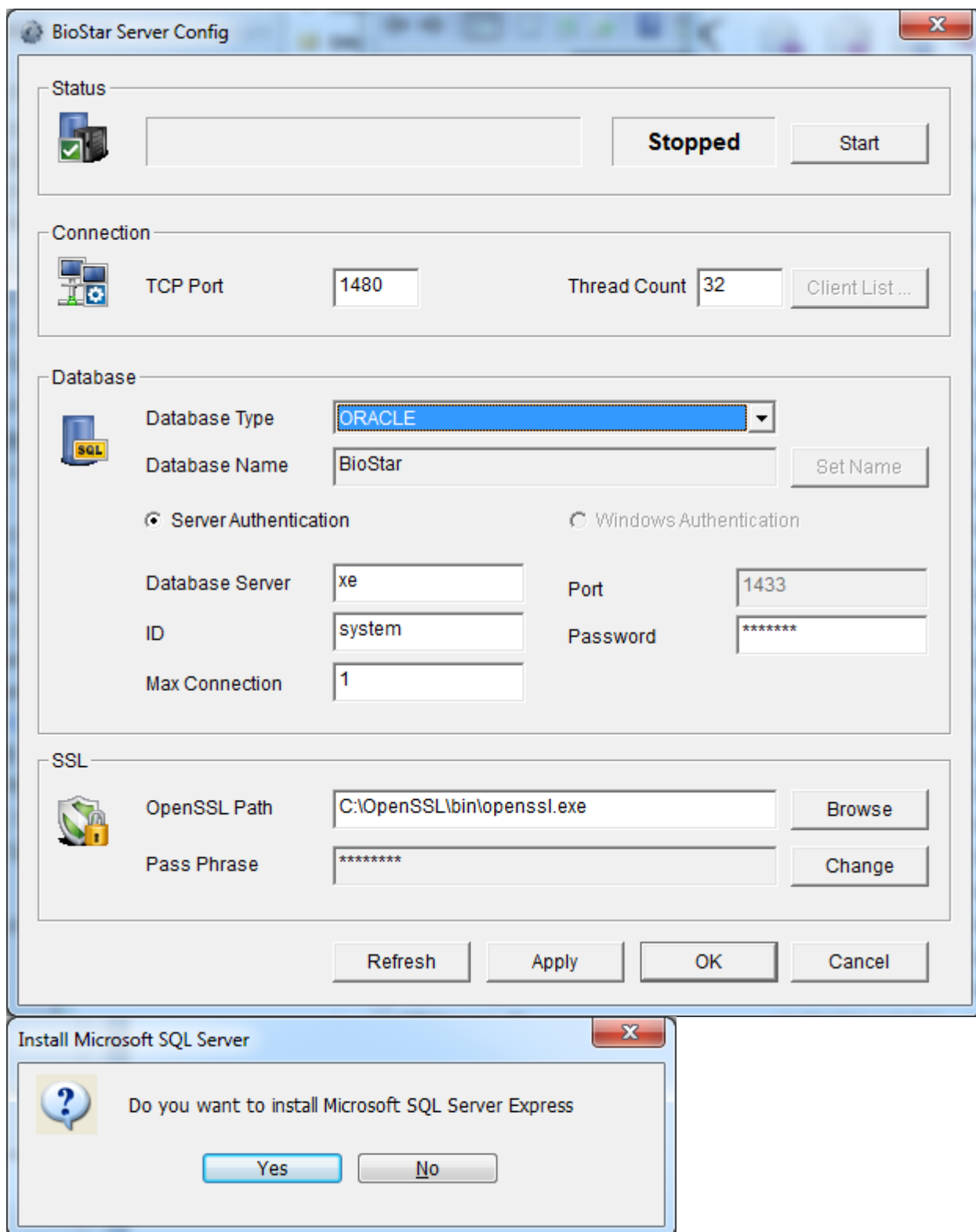


6. Run BioStar Server Config, set Database Type to Oracle and configure the DB settings. Click Apply.

7. Go to C:\Program Files (x86)\BioStar\server and run DBSetup.exe. When a message box asking to install MS SQL Server prompts, click No.

8. Set Database Type to ORACLE and configure the DB settings. Click Setup.

9. On BioStar Server Config, click Start.



Create database [BioStar]

Select DB Server and authentication method.
You can also specify the way to authenticate your login using your current credentials or a SQL Login ID and Password.

Database

Database Type: ORACLE

Database Name: BioStar Set Name

Authentication

☒ Server Authentication ☐ Windows Authentication

Database Server: xe Port: 1521

ID: system Password:

Progress

Setup

From:

<http://kb.supremainc.com/knowledge/> -

Permanent link:

http://kb.supremainc.com/knowledge/doku.php?id=en:1xfaq_how_to_configure_the_oracle_settings_to_run_biostar

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