

## How to Access Oracle on Bingsuns

Following the following steps to access your Oracle account:

1. The university's Oracle Server is running on a Unix server (bingsuns). You should first log on to your bingsuns account (userid and password should be the same as those for your BU email account). You can use telnet or SSH secure shell to access your bingsuns account: `username@bingsuns.cc.binghamton.edu`. When you cannot connect to bingsuns, you can also try bingsun2. You can log out your bingsuns account using `logout` from the system prompt.

2. Before connecting to the Oracle server from your bingsuns account for the first time, add the following four lines to the end of the file `.cshrc` in your bingsuns account (from `bingsuns%` prompt, use `"pico .cshrc"`):

```
setenv ORACLE_HOME /local/opt/oracle/product/11.2.0/instantclient_11_2
setenv TNS_ADMIN /local/opt/oracle/product/11.2.0/instantclient_11_2
setenv LD_LIBRARY_PATH ${LD_LIBRARY_PATH}:/local/opt/oracle/product/11.2.0/instantclient_11_2
setenv PATH {${PATH}}:/local/opt/oracle/product/11.2.0/instantclient_11_2
```

3. After you saved the changes, use the following to activate the changes:

```
bingsuns% source .cshrc
```

4. Login information about your Oracle account:

user name: same as your user id on bingsuns

password: first two characters of your last name followed by the last 6 digits of your B-number (no space in between)

Example: For a user with Last name = Smith and B-number = B00987654, the password is: `sm987654`

Important: Your password expires after you log in for the first time. You must change your password immediately! When you prompted to change password, DO NOT USE ANY SPECIAL CHARACTER IN YOUR NEW PASSWORD! If you use any special character in your password, your account will become usable.

5. Now log into your Oracle account from the bingsuns prompt:

```
bingsuns% sqlplus <your_userid>@acad111 <return>
Enter password: xxxxxxxx <return>
SQL>
```

Here `acad111` is the name of the Oracle database we will be using. If you see the SQL prompt, it means you have successfully logged into your Oracle account. If you get a message saying "Command not found", it means you did not modify your `.cshrc` file correctly.

You can exit your Oracle account by `SQL> exit`. It is important to exit your Oracle account properly to avoid future access to your account (see below).

6. BU's Oracle server allows you to open up to 3 simultaneous sessions. If

you failed to terminate your sessions appropriately, you may be blocked from starting a new session. You can find your active sessions (process #) from your bingsuns account by:

```
bingsuns% ps -edf | grep userid <return>
```

and then kill the ones you don't need by:

```
bingsuns% kill process# <return>
```