



Export and Import in Oracle

Oracle for Base

Objectives

After completing this lesson, you should be able to do the following:

- iSQL*Plus
- Export
- Import

iSQL*Plus

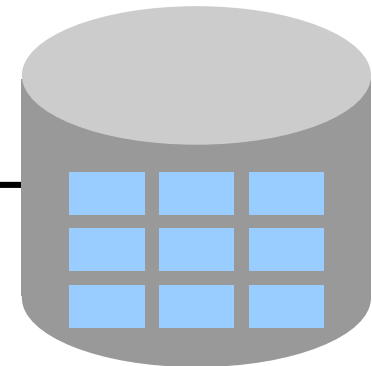
**Database
administrator**



```
sqlplus /nolog
```

```
connect user/pass@orcl
```

sys/sysdba



What Are the Export and Import Utilities ?

- The Export and Import utilities provide a simple way for you to transfer data objects between Oracle databases, even if they reside on platforms with different hardware and software configurations.
- When you run Export against an Oracle database, objects (such as tables) are extracted, followed by their related objects (such as indexes, comments, and grants), if any. The extracted data is written to an export dump file. The Import utility reads the object definitions and table data from the dump file.

Export and Import

Syntax:

```
exp username/password@orcl_name  
file=file_name_backup.dum log=file_name_log.log
```

Ex:

```
exp HR/hr@orcl file=HR_1214.dum log=HR_1214.log
```

Export and Import

```
exp SYSTEM/admin123@orcl parfile=exp_ora.txt  
/
```

Exp_ora.txt:

Log=C:\file_name_log.log

What to include

ROWS=Y

INDEXES=Y

Grants=Y

Constraints=Y

STATISTICS=NONE

Export and Import

Exp_oracle.txt:

Performance options

COMPRESS is not file compression,

it reorganises each table into one large extent

COMPRESS=N

Buffer=90000

DIRECT=Y

#Full = Y

How the export will run OWNER, TABLES or FULL?

OWNER=Username_db_schema

#TABLES=t_accounts,t_account_balances

FULL=n

Export and Import

Syntax:

```
imp username/password@orcl_name  
file=file_name_restore.dum log=file_name_log.log  
fromuser=HR
```

Ex:

```
imp HR/123@orcl file=HR_1214.dum log=HR_1214.log  
fromuser=HR
```


Export and Import

Syntax:

```
imp system/admin123@orcl parfile=impOracle.txt  
/
```

impOracle.txt:

The file to be imported

File=C:\HR_Stanford_101214.dmp

What to include

ROWS=Y

INDEXES=Y

grants=Y

Export and Import

Syntax:

```
imp system/admin123@orcl parfile=impOracle.txt  
/
```

impOracle.txt:

ignore errors - if object already exists import the data anyway

Ignore=Y

commit during import will avoid excessive rollback

Commit=Y

Export and Import

Syntax:

```
imp system/admin123@orcl parfile=impOracle.txt
```

impOracle.txt:

How the import will run:

Import must be either FULL import, TABLES import or
a USER/fromuser/touser import.

#FULL=y

TABLES=T_ACCOUNTS, T_ACCOUNT_BALANCES,

USER=LIBOL55

FROMUSER=HR_Stanford_1214

TOUSER=HR_Stanford

THANK YOU !

Stanford – Dạy kinh nghiệm lập trình