

## CREATING A DATABASE DUMP IN ELLIPSE PROCEDURE



<u>System:</u> Quality Management System	<u>Reference No, Revision No:</u> Q-F-IT-P-10, Rev 1	<u>Originated by:</u> Systems Administrator
<u>Revision Date:</u> 20.07.2013	<u>Page No:</u> Page 1 of 2	<u>Authorised by:</u> IT Manager

### 1 Purpose

This document describes the procedure and a process for performing a database backup dump on Ellipse, the current Enterprise Resource Planner. The database is Oracle 11g R2 and the operating system is HP-UX 11.31.

### 2 Scope

The procedure serves as a guide to carry out a database backup dump.

### 3 References

Q-F-IT-PO-04 Data Backup Storage Policy

### 4 Definitions

ERP – Enterprise Resource Protocol

### 5 Responsibilities

The Systems Administrator – Only the System Administrator OR an approved IT department employee is responsible for executing the commands backing up Ellipse.  
The Business Systems Engineer – Only the Business Systems Engineer or the IT Manager can approve the creation of an Ellipse Database dump.

### 6 Procedure

#### 6.1 Creating a database dump.

- Obtain or seek approval for the shutting down the ERP system, by filling the Systems Shutdown request form.
- Login in the Ellipse system using an ssh session to IP address 147.110.192.90
- You will be required to enter a username and password
- Stop CICS by entering the below command

```
#su - ellprd -c "stopellinst.pl -t -c normal -b"
```

- Shutdown the database by entering the following command

```
#su - oracle -c "dbshut immediate"
```

- Run the following commands in the given order to create the dump

```
#su - oracle
```

```
#export ORACLE_SID=ellprd
```

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```
#export ORACLE_HOME=/usr/oracle/product/11.1.0
```

```
#exp USERID=ellipse/ellipse_633 file=/orabackup/backups/ellprd.dmp FULL=N  
buffer=2000000 TABLES=MSF%, MRF% GRANTS=N TRIGGERS=N  
STATISTICS=NONE
```

- The dump will be located in the directory /orabackup/backups/ and will be labelled ellprd.dmp
- Run the following commands to start up oracle

```
# su - oracle -c "dbstart"
```

- Check if the database is online by entering the below commands

```
#su – oracle
```

```
# export ORACLE_SID=ellprd
```

```
# sqlplus / as sysdba
```

```
# SQL> select status from v$instance;
```

- The response that you should get is

```
STATUS
```

```
-----
```

```
OPEN
```

Start-upCICS by entering the commands

```
#su - ellprd -c "startellinst.pl -t -c cold -b"
```

- To check login to the Ellipse client.

## 7 Records

Reference No	Title	Responsible	Retention period
Q-F-IT-F-04	Systems Shutdown Request Form	Business Systems Engineer/Systems Analyst	Indefinite