

Oracle FLEXCUBE Private Banking
Dec 2010
Database Dump Installation Manual

Oracle Part Number E51529-01



Document Control

Date	Version	Description	Author
21.12.10	1.0	Initial Version	Jaiminkumar Shah Sandipan Pratihar
24.12.10	1.1	Modifications to include scripts	VJ

Table of Contents

1	Introduction	1
1.1	CREATING USERS	1
1.2	IMPORTING THE DUMP	2
	Importing the source schema objects to the new destination schema	2
	Compilation of the invalid objects in the refreshed schema	2

1 Introduction

This manual is intended to help during the installation of the database dump of Oracle Flexcube Private Banking (v2.0). Installation of the dump is different than using the Oracle FCPB database upgrade utility and is the recommended way of installation

Assuming you have a database dump available on 11g (ONLY), please follow the steps below to install the dump. Also please note that you should have completed the pre-requisites for the database installation (e.g. tablespace creation, mount points creation etc...). Please refer to the document of the same name that would have been provided for the specific environment (11g ONLY)

1.1 CREATING USERS

Oracle FCPB requires two users to be created -> The schema owner and the application user. The schema owner has DDL rights and the application user has the DML + limited set of DDL rights. In all the other installation manuals, any reference to the application user will be this user

These need to be created by the sys dba

CREATING SCHEMA OWNER

Create a new user called <SCHEMA_OWNER_NAME> by the following script of user creation in SQL window.



`pbs_so_create_scrip
t.sql`

The script will prompt you for the details. Please note that you would need to supply the same set of tablespace names that you would have created during the pre-requisites setup

CREATING APP USER:

Create the application user called <APPLICATION_USER_NAME> using the following script



`pbs_au_create_scrip
t.sql`

CREATING TRIGGER TO POINT TO FCPB SCHEMA OWNER(SCHEMA_OWNER_NAME)

```
CREATE OR REPLACE TRIGGER after_logon_trg
AFTER LOGON ON SCHEMA
BEGIN
  DBMS_APPLICATION_INFO.set_module(USER, 'Initialized');
  EXECUTE IMMEDIATE 'ALTER SESSION SET current_schema = <SCHEMA_OWNER_NAME>';
END;
```

1.2 IMPORTING THE DUMP

Importing the source schema objects to the new destination schema

Make sure that the DEFERRED_SEGMENT_CREATION parameter value is 'FALSE'.

Now open the command prompt, go to c:\ and give the following command.

```
c:\imp TO_USER/password@sid file=<Name of Dump File>.dmp log=<Schema_
Owner_NAME>.log
fromuser=< Name of Dump File > touser=<Schema_ Owner_NAME> buffer=200000
```

This will import all the source schema objects to the destination schema.

Import of types

If the dump is getting imported in a separate schema on the same server then the types may not get imported. Please check the import log file to verify whether the types have been created or not. If the types have not been created then run the following script to create the types.



Compilation of the invalid objects in the refreshed schema

After the import activity gets completed, there will be a number objects which will remain in invalid state due to dependency. So you need to recompile them to make the schema to be refreshed properly.

Login with the credentials of the TO_USER schema and execute the following script.

```
Begin
DBMS_UTILITY.compile_schema (schema => '<SCHEMA_OWNER_NAME>');
End;
```

It will recompile all the invalid objects.

Java Sources Recompile:

Sometimes java objects failed to compile instead of your previous execution of the recompile script. Please run the "java_sources_recompile.bat" to recompile the java sources.

To run this, you have to pass three arguments.

Name of the schema owner

Password of the schema owner

SID of the database

For example: java_sources_recompile.bat username password sid



java_sourCE_RECO
MPILE.zip

After recompilation of the java objects, you have a totally refreshed schema of username <SCHEMA_OWNER_NAME> in the database.

You should have no invalid objects at the end of this exercise

App user grants

Once this activity is completed and you have no invalid objects left, the application user has to be granted the rights

The script below will dynamically create all the access rights required for the app user. The output of the script is to be executed using the schema owner or the sys dba account

The <APPLICATION_USER_NAME> has to be supplied to this function



DYNAMIC_APP_USE
R_GRANT.sql



Schema refresh manual.
Dec 2010
Version number 1.0

Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:
Phone: +1.650.506.7000
Fax: +1.650.506.7200
[www.oracle.com/ financial_services](http://www.oracle.com/financial_services)

Copyright © 2010 Oracle Financial Services Software Limited. All rights reserved.

No part of this work may be reproduced, stored in a retrieval system, adopted or transmitted in any form or by any means, electronic, mechanical, photographic, graphic, optic recording or otherwise, translated in any language or computer language, without the prior written permission of Oracle Financial Services Software Limited.

Due care has been taken to make this Schema refresh manual Document as accurate as possible. However, Oracle Financial Services Software Limited makes no representation or warranties with respect to the contents hereof and shall not be responsible for any loss or damage caused to the user by the direct or indirect use of this Integration Layer Document and the accompanying Software System. Furthermore, Oracle Financial Services Software Limited reserves the right to alter, modify or otherwise change in any manner the content hereof, without obligation of Oracle Financial Services Software Limited to notify any person of such revision or changes.

All company and product names are trademarks of the respective companies with which they are associated.