

Oracle FLEXCUBE Private Banking
March 2012

FCPB-FCDB SSO INTEGRATION MANUAL
9PW004-FCPB Release 12.0

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Revision History

Date	Version	Description	Author
02-03-2012	1.0	Initial Design	

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1. Introduction

FCPB 12.0 will be integrated with FCDB as part of the 12.0 release. This integrated system will provide for a single-sign-on to users for accessing Oracle FLEXCUBE Private Wealth management screens. There would be some link from FCDB which will allow a customer to access the FCPB application.

1.1 Abbreviations and Acronyms

Abbreviation	Description
FCPB	FLEXCUBE Private Banking
FCDB	FLEXCUBE Direct Banking

1.2 Single-sign-on rules

1. Session Management will remain independent between FCPB and FCDB .When a user goes from FCDB system to FCPB system, FCPB session will be created and managed by FCPB. If the session/jsession details passed by FCDB are validated through the service call to FCDB from FCPB, and if the user trying to access the FCPB is valid user, user will get the FCPB dashboard

Below is the screenshot of the FCPB dashboard:-

NetWorth

Loan	-93,281,830.00
Portfolio Value	1,342,191,855.27
Total(INR)	1,248,910,025.27
Sum Insured	0.00

Alerts

Portfolio Alerts System Alerts

Alert

NO PORTFOLIO ALERTS FOUND

Products

Product Category	Instrument Name
EQ	BHEL South India Bank

Portfolio Summary

Name	CCY	Buy Cost	Market Value	Settlement Date	Positions	Unrealized P/L	P/L %	ROR%
Discretionary	INR	0.00	0.00		0.00	0.00	0.00	0.00
Heldaway	INR	0.00	0.00		0.00	0.00	0.00	0.00
RM Managed	INR	13,870,276,545.30	1,339,306,854.10	1,339,306,854.10	12,530,969,691.20	-90.34	-3.88	
Total	INR	13,902,879.58	1,341,448,495.27	1,341,311,855.27	12,561,431.09	-90.35	-3.88	

Recommended Asset Allocation (Mod-PB1)

Actual Asset Allocation

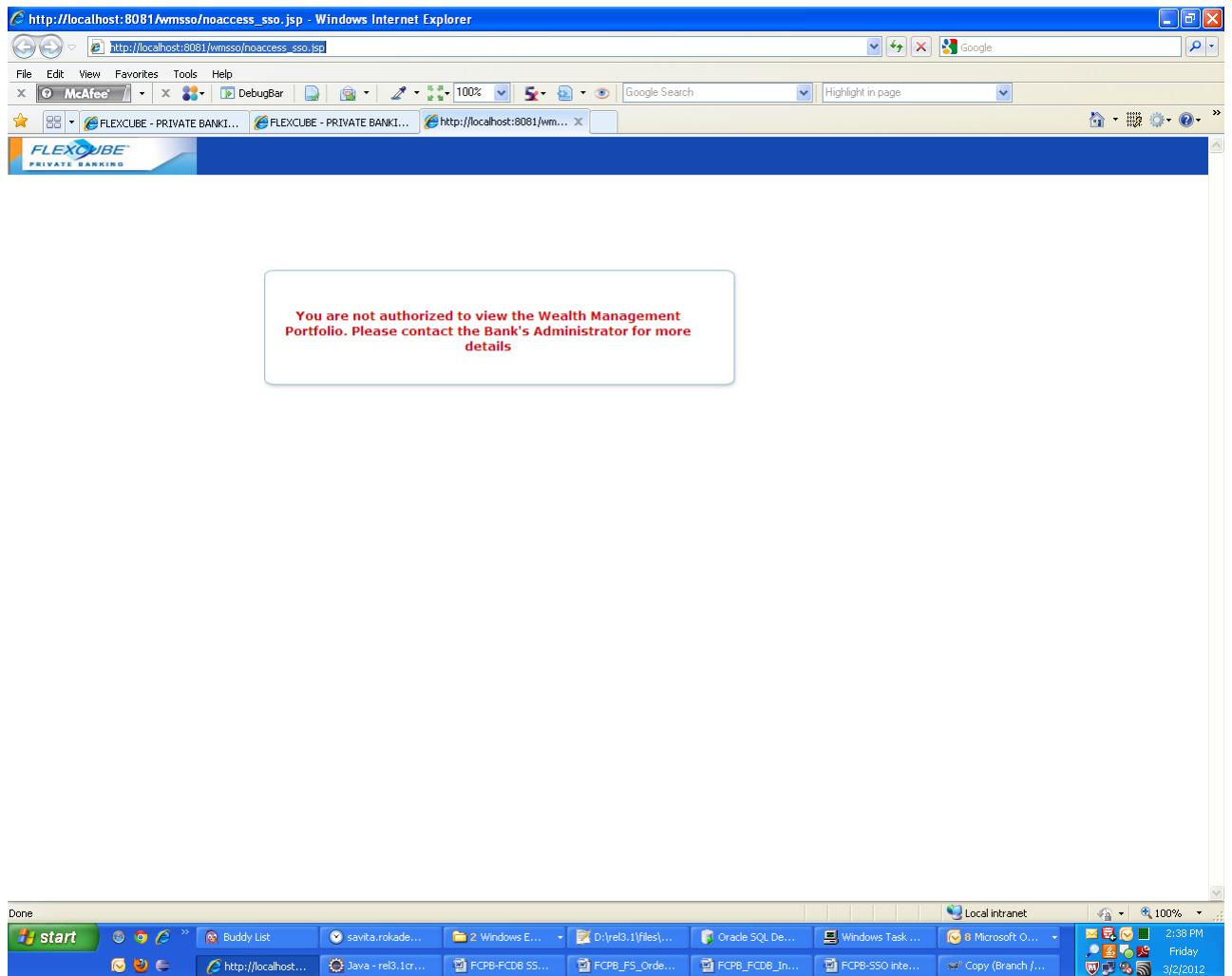
Type	Value	%	%Dev.
Commodity	28,716,666.00	2.14	▲ 2.14
Debt	838,901,082.98	62.50	▲ 62.50
Equity	474,494,118.29	35.35	▼ -64.65
Others	79,988.00	0.01	▲ 0.01
INR	1,342,191,855.27		

Portfolio by Instrument Group

Please refer to the [Disclaimer](#) by clicking on the hyperlink

2. There is no reverse process for the customers to visit FCDB from FCPB.
3. If user tries to access the FCPB menu via FCDB and if due to any reason the session passed by FCDB is not validated by FCDB, in that case FCDB will give failure response to FCPB and the control will be forwarded to FCPB and FCPB will display the page with the following error messages :
"You are not authorized to view the Wealth Management Portfolio. Please contact the Bank's Administrator for more details".

Below is the screenshot of this screen:-



4. Fcdb will be using **External Customer ID** for interacting with FCPB.

2 Steps for integrating FCPBSSOADAPTER project with FCPB core application

****important*** The steps 1 to 3 are already taken care during fcpb build process. So we can skip those steps

- 1) Make following changes in **web.xml** of the FCPB Core Application-

Comment the “**WmSpringWebSecurity.xml**“ being used in the core, and instead load the **WmSSOSpringSecurity.xml** present in the FCPBSSOADAPTER project.

→ **classpath**:/WmSSOSpringWebSecurity.xml

- 2) Configure the **oamLogin** mapping in **wmStruts-sms.xml** of FCPB Core Application.
To do so add below entry into **wmStruts-sms.xml**

```
<action name="oamLogin" class="oamLoginAction">
    <interceptor-ref name="exception"/>
    <interceptor-ref name="alias"/>
    <interceptor-ref name="servlet-config"/>
    <interceptor-ref name="prepare"/>
    <interceptor-ref name="i18n"/>
    <interceptor-ref name="chain"/>
    <interceptor-ref name="wmRole"/>
    <interceptor-ref name="wmRoleFunction"/>
    <interceptor-ref name="debugging"/>
    <interceptor-ref name="profiling"/>
    <interceptor-ref name="scoped-model-driven"/>
    <interceptor-ref name="model-driven"/>
    <interceptor-ref name="checkbox"/>
    <interceptor-ref name="static-params"/>
    <interceptor-ref name="params">
        <param name="excludeParams">dojo\..\*</param>
    </interceptor-ref>
    <interceptor-ref name="conversionError"/>
    <interceptor-ref name="validation">
        <param
name="excludeMethods">input,back,cancel,browse</param>
    </interceptor-ref>
    <interceptor-ref name="workflow">
        <param
name="excludeMethods">input,back,cancel,browse</param>
    </interceptor-ref>
    <interceptor-ref name="pbs-token-session"/>
    <interceptor-ref name="xss-injection"/>

        <result name="next" type="redirect-
action">${nextAction}</result>
    </interceptor-ref>
</action>
```

- 3) After doing the above build the FCPB Core Application
- 4) Open the file fcpcbOamSSOadapter-3.1.jar which is inside the given fcpcbOamSSOadapter-3.1.jar file under the path fcpcbOamSSOadapter-3.1.jar
- 5) Update **IntegrationParams.properties** of the fcpcbOamSSOadapter-3.1.jar has the IPAdress of the host machine where the FCDB application is running..

Below is the entry done in the **IntegrationParams.properties** file

ServerHostIpAddress = 10.10.10.10

- 6) Save the ear file and deploy the application

http:// <ipAddress>:<port number>/<context path>/oamLogin.action



All the parameters required for validating and logging will be present in the request header which FCPB gets from the FCDB.