Oracle Access Manager Integration Oracle Banking Payments Release 14.7.0.0.0 [Decmebr 2022]





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# 1. Preface

# 1.1 Introduction

This manual discusses the integration Oracle Banking Payments and the Oracle Access Manager system. The configurations required for the proper functioning of this integration, and further processing are documented in this manual.

# 1.2 Audience

This manual is intended for the following User/User Roles:

| Role                          | Function  |
|-------------------------------|---|
| Back office data entry Clerks | Input functions for maintenance related to the interface. |
| Back office Managers/Officers | Authorization functions.                                  |

# 1.3 Abbreviations

| Abbreviation | Description  |
|--------------|--|
| System       | Unless specified, it shall always refer to Oracle Banking Payments |
| OAM          | Oracle Access Manager  |
| SSO          | Single Sign-on   |
| LDAP         | Lightweight Directory Access Protocol                              |

# 1.4 **Documentation Accessibility**

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <a href="http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc">http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc</a>.

# 1.5 Organization

This manual is organized into the following chapters:

| Chapter 1 | <i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.   |
|-----------|--|
| Chapter 2 | <i>Enabling Single Sign-on (SSO) with Oracle Access Manager</i> discusses the method to integrate Oracle Banking Payments with Oracle Access Manager for Single Sign-on. |

# 1.6 Glossary of Icons

This User Manual may refer to all or some of the following icons.

Icons Function



| Icons    | Function       |
|----------|----------------|
| ×        | Exit           |
| +        | Add row        |
|          | Delete<br>row  |
| <b>*</b> | Option<br>List |

## 1.6.1 Related Documents

You may refer the following manuals for more information

- Procedures User Manual
- Oracle Access Manager User Manual (not included with Oracle Banking Payments User Manuals)



# 2. Enabling Single Sign-on with Oracle Access Manager

# 2.1 Introduction

Single sign-on capability of Oracle Banking Payments is qualified with Oracle Identity Management 11.1.1 (Fusion Middleware 11gR1), specifically using the Access Manager component of Oracle Identity Management. This feature is available in the releases Oracle Banking Payments V.UM 7.3.0.0.0.0 and onwards.

This document explains the method to enable single sign-on for Oracle Banking Payments deployment using Oracle Fusion Middleware 11g. You will also find backgrounds of various components of deployment and the configurations in Oracle Banking Payments and Oracle Access Manager that enable single sign-on using Oracle Internet Directory as a LDAP server.

# 2.2 **Prerequisites**

### 2.2.1.1 Software Requirements

### Oracle Access Manager – OAM (11.1.1.5)

- Access Server
- Webtier Utilities 11.1.1.5
- Web Gate 11.1.1.5
- Http Server

### LDAP Directory Server

Ensure that the LDAP used for Oracle Banking Payments Single Sign-on deployment is certified to work with OAM.

Some of the LDAP directory servers supported as per OAM document are as follows.

**Note**: This is an indicative list. You can find the conclusive list in Oracle Access Manager Documentation.

- Oracle Internet Directory
- Active Directory
- ADAM
- ADSI
- Data Anywhere (Oracle Virtual Directory)
- IBM Directory Server
- NDS
- Sun Directory Server

### WebLogic (10.3.5)

For achieving single sign-on for Oracle Banking Payments UBS in FMW 11gR1, the Weblogic instance must have an explicit Oracle HTTP server (OHS).



#### **Background of SSO Related Components** 2.3

# 2.3.1 Oracle Access Manager (OAM)

Oracle Access Manager consists of the Access System and the Identity System. The Access System secures applications by providing centralized authentication, authorization and auditing to enable single sign-on and secure access control across enterprise resources. The Identity System manages information about individuals, groups and organizations. It enables delegated administration of users, as well as self-registration interfaces with approval workflows. These systems integrate seamlessly.

The backend repository for the Access Manager is an LDAP-based directory service that can be a combination of a multiple directory servers, which is leveraged for two main purposes:

- As the store for policy, configuration and workflow related data, which is used and • managed by the Access and Identity Systems
- As the identity store, containing the user, group and organization data that is managed through the Identity System and is used by the Access System to evaluate access policies.

## 2.3.2 LDAP Directory Server

When Oracle Banking Payments is integrated with OAM to achieve Single Sign-on feature. Oracle FLEXCUBE password policy management, such as password syntax and password7 expiry parameters can no longer be handled in Oracle FLEXCUBE. Instead, the password policy management can be delegated to the Directory Server. All password policy enforcements will be based on LDAP user IDs and passwords.

### 2.3.3 WebGate/AccessGate

A WebGate is a Web server plug-in that is shipped out-of-the-box with Oracle Access Manager. The WebGate intercepts HTTP requests from users for Web resources and forwards it to the Access Server for authentication and authorization.

Whether you need a WebGate or an AccessGate depends on your use of the Oracle Access Manager Authentication provider. For instance, the:

Identity Asserter for Single Sign-On: Requires a separate WebGate and configuration profile for each application to define perimeter authentication. Ensure that the Access Management Service is On.

Authenticator or Oracle Web Services Manager: Requires a separate AccessGate and configuration profile for each application. Ensure that the Access Management Service is On.

#### 2.3.4 **Identity Asserter**

Identity Asserter uses Oracle Access Manager Authentication services and also validates already-authenticated Oracle Access Manager Users through the ObSSOCookie and creates a WebLogic-authenticated session. It also provides single sign-on between WebGates and portals. You can get more details on Identity asserter at http://download.oracle.com/docs/cd/E12839 01/core.1111/e10043/osso.htm#CHDGCACF.

Note: This document contains the configuration of Oracle Internet Directory as LDAP server and its configuration in Weblogic. This document does not discuss the configuration and setup of OAM and LDAP directory server of other LDAP servers. Such details are provided by the corresponding Software provider.



# 2.4 **Configuration**

# 2.4.1 Pre-requisites

The configuration steps are provided in this section based on the following assumptions:

- Oracle FLEXCUBE has already been deployed and is working without single sign-on.
- Oracle Access Manager and the LDAP server are installed and the requisite setup for connecting them along Weblogic's Identity Asserter is completed.

### 2.4.2 Changing web.xml file

Locate the file *web.xml* in the application (FCUBS) EAR file.

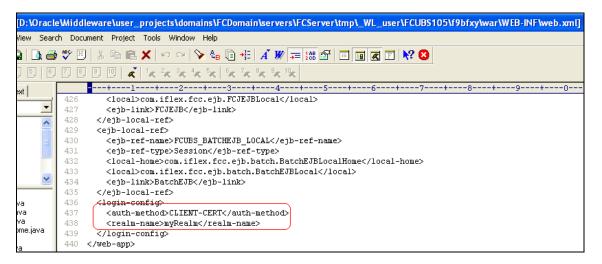
Add the following lines under login-config.

<login-config>

<auth-method>CLIENT-CERT</auth-method>

<realm-name>myRealm</realm-name>

</login-config>



Save the file and redeploy it. Restart the application.

# 2.4.3 Configuring SSO in OAM Console

After installing OAM, Webtier Utilities and Webgate, extend the Weblogic domain to create OAM server.

Follow the post installation scripts deployWebGate and EditHttpConf as explained in the page <a href="http://docs.oracle.com/cd/E17904\_01/install.1111/e12002/webgate004.htm">http://docs.oracle.com/cd/E17904\_01/install.1111/e12002/webgate004.htm</a>.

### 2.4.3.1 Identity Store Creation

Create a new User Identity Store. Login to OAM Console and navigate to System Configuration>>Common configuration>>Data Sources>>User Identity Store.



| ORACLE' Access Manager   | Accessibility Help Sign Out<br>Signed in as webi   |
|--|--|
|  |  |
| Policy Configuration System Configuration  | Welcome FriiBSWelcoste OAM Agents com servert IDAD User Identity Stores  |
| ✓ Common Configuration   |  |
| Actions 🕶 View 👻 📑 🔛 🔛   | Create: User Identity Store Test Connection Apply 3  |
| ✓ Data Sources     ✓ @ User Identity Stores  | * Store Type OID: Orade Internet Directory   Enable SSL  |
| Actions - View - 📑 🗁 💥 🔞   | ✓Location and Credentials  |
| <ul> <li></li></ul>  | * Location ifdrw-ap-21:3061 * Bind DN on=ordedmin: * Password *******  |
| <ul> <li>&gt; QUSS Japans</li> <li>♥ III Authentication Modules</li> <li>♥ III DAP Authentication module</li> <li>■ III DAP</li> <li>&gt; III CAPNoPasswordAuthModule</li> <li>&gt; III Kerberos Authentication module</li> <li>&gt; III Kerberos Authentication module</li> <li>&gt; III Kerberos Authentication module</li> <li>&gt; III Custom Authentication module</li> </ul> | ✓ Users and Groups         * User Name Attribute         * User Sand Base         * User Sand Base         (ri-Users,dc=orade,dc=com         User Filter Object Classes         Group Search Base         * Group Search Base         Group Cache         Group Cache Size (Mb)         Minimum Pool Size         Minimum Pool Size         So ©         Maximum Pool Size         So ©         Wat Timeout (seconds)         Inactivity Timeout (seconds) |
| ≥ Security Token Service   | <u>.</u>   |

Specify the following details in the User Identity Store.

#### Store Type

Select Oracle Internet Directory.

#### Location

Specify the LDAP server Host name and Port Number in <HOSTNAME>:PORT format.

#### Bind DN

Specify the user name to connect to the LDAP Server.

#### Password

Specify the password to connect to the LDAP Server.

#### **User Name Attribute**

Specify the attribute created in LDAP, which is the user name for the other application. in this example it is treated as the FCUBS Username.

#### **User Search Base**

Specify the container of the user name in the LDAP server.

#### **Group Search Base**

Specify the container of the group name in the LDAP server.



After entering the above details, click 'Apply' button. On Successful creation, click 'Test Connection' button to verify whether the LDAP connection is working fine.

| ORACLE <sup>®</sup> Access Manager                          |  |                              | Accessibility  | Help Sign Out 🧲      |
|---|--|------------------------------|--|----------------------|
|   |  |                              |  | Signed in as weblogi |
| Policy Configuration System Configuration                   |  |                              |  |                      |
| Common Configuration  | Welcome FCUBSWebgate OAM Agents oam_server1 LDAF                 | FCUBSIdentityStore           |  |                      |
| Actions - View - 🎴 🗁 💥 🔞                                    | FCUBSIdentityStore   |                              | Test Connection  | Apply 🕐              |
| V Data Sources  | Confirmation   |                              | Connection Status  | ×                    |
| ♥   | User Identity Store FCUBSIdentityStore created successfully.     |                              | Connection to the User<br>Identity Store<br>successful!  |                      |
| ✓ Access Manager Settings                                   | Store Name FCUBSIdentityStore Descri                             | ription                      | OK Cancel  |                      |
| Actions 🗸 View 🖌 🔄 🔛 💥 🔞                                    | * Store Type OID: Orade Internet Directory                       |                              |  |                      |
| Access Manager Settings                                     |  |                              |  |                      |
| ♥ SSO Agents ▷ SO AM Agents                                 |  | Enable SSL                   |  |                      |
| > SO CAM Agents   | ✓ Location and Credentials                                       |                              |  |                      |
|   | * Location iffichw-ap-21:3061                                    | * Bind DN cn=orcladmin       |  |                      |
| LDAP Authentication module     LDAP                         |  | * Password •••••             |  |                      |
| LDAP     LDAPNoPasswordAuthModule                           |  |                              |  |                      |
| ▷ ∰ Kerberos Authentication module                          | ✓ Default and System Store Options                               |                              |  |                      |
| X509 Authentication module     Gustom Authentication module | Set as default store (Current Default Store UserIdentityStore 1) |                              |  |                      |
| Custom Authentication module                                | Set as system store (Current System Store UserIdentityStore1)    |                              |  |                      |
|   | ⊻ Users and Groups   |                              |  |                      |
|   | * User Name Attribute uid  |                              |  |                      |
|   | * User Search Base cn=Users,dc=orade,dc=com                      |                              |  |                      |
|   | User Filter Object Classes                                       |                              |  |                      |
|   | Group Name Attribute   |                              |  |                      |
|   | * Group Search Base cn=Groups,dc=oracle,dc=com                   |                              |  |                      |
|   | Group Filter Classes   |                              |  |                      |
|   | Enable Group Cache   |                              |  |                      |
|   | Group Cache Size (Mb) 10000 🖨                                    |                              |  |                      |
|   | Group Cache TTL (Seconds) 0                                      |                              |  |                      |
|   | ✓ Connection Details   |                              |  |                      |
|   | Minimum Pool Size 10 🚔   | Results time limit (seconds) | ▲<br>♥   |                      |
|   | Maximum Pool Size 50 🚔   | Retry Count 3                | A Contraction of the second se |                      |
|   | Wait Timeout (seconds) 120 🗮                                     | Referral Policy follow       | <b>*</b>   |                      |
| > Security Token Service                                    | Inactivity Timeout (seconds) 0                                   |                              |  |                      |
|   | 1  |                              |  |                      |
|   |  |                              |  |                      |

# 2.4.3.2 Creating Authentication Module

Navigate to System Configuration >> Access Manager Settings >> Authentication Modules >> LDAP Authentication Module.



| ORACLE' Access Manager  | Accessibili  | ity Help Sign Out Ϙ   |
|---|--|-----------------------|
| -   |  | Signed in as weblogic |
| Policy Configuration System Configuration   |  |                       |
| Sommon Configuration  | FCUBSWebgate OAM Agents oam_server1 LDAP FCUBSIdentityStore FCUBS_Authentication_Module  |                       |
| Actions - View - 📑 🗁 💥 🔯  | FCUBS_Authentication_Module  | Apply                 |
| Actors + View +     Image: Second Seco | FCUBS_Authentication_Module         LDAP Authentication Module FCUBS_Authentication_Module         * Name       FCUBS_Authentication_Module         * User Identity Store       FCUBSIdentityStore | Apply                 |
|   |  |                       |
| ≥ Security Token Service  | <u> </u>   |                       |

Click 'New' button to create new Authentication Module.

#### Name

Specify the name of the authentication module.

### **User Identity Store**

Specify the user identity store you had created in the previous step.



## 2.4.3.3 Creating OAM 11g Webgate

Navigate to System Configuration>>Access Manager Settings>>SSo Agents>>OAM Agents.

| ORACLE Access Manager   | Accessbility   | Help Sign Out 🧲       |
|---|--|-----------------------|
|   |  | Signed in as weblogic |
| Policy Configuration System Configuration   |  |                       |
| Common Configuration  | Welcome Create 0AM 116 Webgate   |                       |
| _   | Welcome to Oracle Access Manager 11g   |                       |
| Actions - View -<br>> E Available Services<br>> Server Instances<br>> S | Wetcome to Oracle Access Manager policies already configured in the system.         • Manage the Access Manager policies already configured in the system.         • Manage the Access Manager policies and server profiles of the configured Access Manager servers.         • Register new applications for Oracle Access Manager and Oracle Security Token Service.         Cick any of the links below to start using the console. Alternatively, you can use the navigation there on the left as well.         Image Partner applications.       Image Truth Token Service Token Service.         • New OMM 10g Webgate       Image Partner applications.         • New OMM 10g Webgate       Image Partner application domains.         • New Application Domain       Image Partner settings and configuration domains.         • New Application Domain       Image Partner settings and configurations. |                       |
| 2) Access Manager Settings 2) Security Token Service  | 3  |                       |

Click 'Create 11g webgate' button or 'New OAM 11g Webgate' link on the Welcome page.



| ORACLE' Access Manager  | Accessbility  | Help Sign Out Signed in as weblogi |
|---|---|------------------------------------|
| Policy Configuration System Configuration   |   |                                    |
| Common Configuration  | O Welcome Create 0AM 11G Webgate  | × 🖹                                |
| Actions - View - 🔄 🗁 💥 🚯  | Create OAM 11g Webgate  | Apply                              |
| > Bit Available Services         > Bit Available Services         > Bit Available Services         > Bit Server Instances         > Bit Server Instances         > Bit Server Instances         > Dit Server Instances | Version 11g vectogate         * Name       FCUBSWebgate         Base URL       http://fd/m-ap-21:7001             Access Clent Password          * Security @ Open              Host Identifier          Resource List       Polic Resource List         Relative URI          /       Relative URI         /          Relative URI          /       Relative URI |                                    |
| ≥ Access Manager Settings   |   |                                    |
| ≥ Security Token Service  |   |                                    |

Specify a name for Webgate and the Base URL (the host and port of the computer on which the Web server for the Webgate is installed). Click 'Apply' button.

Once the OAM 11g Webgate created, add filterOAMAuthnCookie=false parameter along with default parameters in User Defined Parameters.

Click 'Apply' button to save the changes.

#### 2.4.3.4 Post OAM Webgate 11g Creation Steps

Complete the following steps to copy the artifacts to the Webgate installation directory:

1. On the Oracle Access Manager Console host, locate the updated OAM Agent ObAccessClient.xml configuration file and any certificate artifacts.

For example: \$DOMAIN\_HOME/output/\$Agent\_Name/ObAccessClient.xml

2. On the OAM Agent host, copy artifacts (to the following Webgate directory path).

Example: 11gWebgate\_instance\_dir/webgate/config/ObAccessClient.xml

(for instance WebTier\_Middleware\_Home/Oracle\_WT1/instances/instance1/config/

OHS/ohs1/webgate/config/ObAccessClient.xml)

#### 2.4.3.5 Creating Authentication Scheme

Navigate to *Policy Configuration >> Authentication Schemes*. Click 'Create' button to create a new Authentication Scheme.



| ORACLE Access Manager                                |  | Accessibility Help Sign Out 🧲         |
|--|--|---------------------------------------|
|  |  | Signed in as weblogic                 |
|  |  | · · · · · · · · · · · · · · · · · · · |
| Policy Configuration System Configuration            |  |                                       |
| Al   | 😶 Welcome 🛛 🔀 FCUBS_Auth_Scheme                                | X                                     |
| Search   | Authentication Schemes   | Set As Default Apply                  |
| Browse Search  | Gamma Confirmation   | X                                     |
| View - 🔞 🔮 🙂 🗁 💥                                     | Authentication Scheme, FCUBS_Auth_Scheme, created successfully |                                       |
| V 🎬 Shared Components                                |  |                                       |
|  |  |                                       |
| фнттр  | * Name FCUBS_Auth_Scheme                                       |                                       |
| TokenServiceRP                                       | Description  |                                       |
| ŵwl_authen   | * Authentication Level 1                                       |                                       |
| V Host Identifiers                                   | Default  |                                       |
| ☐ IAMSuiteAgent<br>V <b>3 Authentication Schemes</b> | * Challenge Method BASIC 💌                                     |                                       |
| Autorentication sciences     AnonymousScheme         |  |                                       |
| BasicScheme  | * Challenge Redirect URL /oam/server                           |                                       |
| BasicSessionlessScheme                               | * Authentication Module FCUBS_Authentication_Module            |                                       |
| ▷ 🖾 FAAuthScheme                                     | Challenge Parameters   |                                       |
| FCUBS_Auth_Scheme                                    |  |                                       |
| KerberosScheme                                       |  |                                       |
| LDAPNoPasswordValidationScheme                       |  |                                       |
| ▷ 👺 LDAPScheme                                       |  |                                       |
| OAAMAdvanced   |  |                                       |
| DAAMBasic  |  |                                       |
| ▷ 🔀 OAM10gScheme                                     |  |                                       |
| GAMAdminConsoleScheme     GIFScheme                  |  |                                       |
| OIFScheme     OIMScheme                              |  |                                       |
| > A TAPScheme  |  |                                       |
| > 20 X509Scheme                                      |  |                                       |
| V @ Application Domains                              |  |                                       |
| Generation Apps Integration                          |  |                                       |
| > GIAM Suite   |  |                                       |
| -  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |
|  |  |                                       |

#### Name

Specify a name to identify Authentication Scheme.

#### Challenge Method

Select 'BASIC'.

#### **Challenge Redirect URL**

Specify '/oam/server'.

#### **Authentication Module**

Select the authentication module that you had created in an earlier step (Creating Authentication Module).

If it is a basic authentication scheme, you need to add the 'enforce-valid-basic-auth-credentials' tag to the *config.xml* file located under '/user\_projects/domains/<MyDomain>/config/'.

Insert the tag before the end of the <security-configuration> tag as follows:

```
<enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-
credentials>
```

</security-configuration>



### 2.4.3.6 Creating Authentication Scheme

Navigate to Policy Configuration >> Application Domains >> [Webgate agent name] >> Authentication Policies.

Click 'New' button and specify the following information.

| ORACLE <sup>®</sup> Access Manager   |  | Accessibility Help Sign Out O |
|--|--|-------------------------------|
| _  |  | Signed in as weblogic         |
| Policy Configuration System Configuration  |  |                               |
| All  | 💛 Welcome 🛛 👼 Create Authentication Policy |                               |
| Search   | Authentication Policy                      | Apply                         |
| Browse Search  | * Name FCUBSWebPolicy Success URL          |                               |
| View 🗸 🔞 🕒 🖳 🔀   | Description Failure URL                    |                               |
| V III Shared Components  | Identity Assertion                         |                               |
|  |  |                               |
| TokenServiceRP   | * Authentication Scheme FCUBS_Auth_Scheme  |                               |
| <sup>®</sup> wl_authen <sup>™</sup> Host Identifiers                             | Resources Responses                        |                               |
| V Host Identifiers   | Resources Responses                        |                               |
| IAMSuiteAgent  | 🔅 Resources                                | + ×                           |
| Authentication Schemes   | Main                                       |                               |
| BasicScheme  | FCUBSWebgate://*                           | ▼                             |
| BasicSessionlessScheme   | FCUBSWebgate:/                             |                               |
| FAAuthScheme   |  |                               |
| KerberosScheme   |  |                               |
| LDAPNoPasswordValidationScheme   |  |                               |
| LDAPScheme   |  |                               |
| OAAMBasic  |  |                               |
| OAM10gScheme   |  |                               |
| OIFScheme  |  |                               |
| OIMScheme  |  |                               |
| TAPScheme  |  |                               |
|  |  |                               |
| ∇ @FCUBSWebgate  |  |                               |
| ▷ Resources ☑ Authentication Policies  |  |                               |
| Protected Resource Policy  |  |                               |
| Authorization Policies   |  |                               |
| Token Issuance Policies     Generation   |  |                               |
| A Grosion Apps integration A Grosion Apps integration A Grosion Apps integration |  |                               |
|  | L  |                               |
|  |  |                               |
| · · · · · · · · · · · · · · · · · · ·  | hanna an  |                               |

#### Name

Specify a name to identify the Authentication Policy (Eg: FCUBSWebPolicy).

#### **Authentication Scheme**

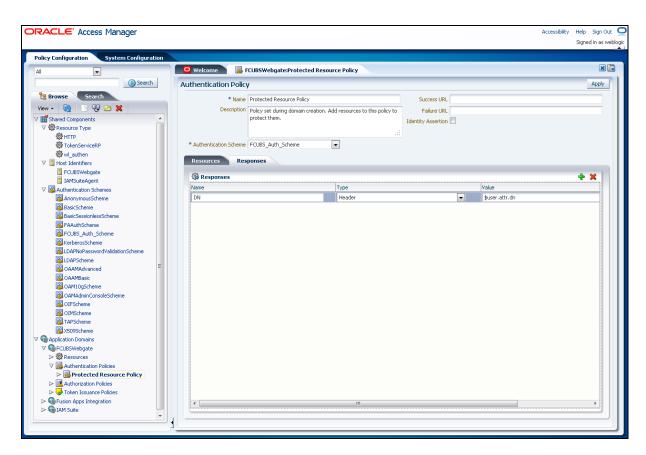
Select the authentication scheme you created in the previous step (Creating Authentication Scheme).

#### Resources

Add the resources which should be protected. If you add <WebgateName>:/.../ and <WebgateName>:/ in the resources, then all the sources are protected.

Add DN in the Responses section.





Enter the value as *\$user.attr.dn*. The responses maintained in this tab will be added in the response header at the time of authentication.

#### 2.4.3.7 Adding Resources

Navigate to Policy Configuration >>Application Domains >>FCUBSWebgate >>Resources.

Click 'Create New Resource' button.



| ORACLE Access Manager                               |                        | Accessi  | ibility Help Sign Out 🧲 |
|---|------------------------|--|-------------------------|
|   |                        |  | Signed in as weblogi    |
| Policy Configuration System Configuration           |                        |  |                         |
| All   | 🖸 Welcome 🚺 🌣 FCUBSWel | bgate Resources 🔅 FCUBSWebgate:FCUBSWebgate:/FCJNeoWeb | × 🖹                     |
| Search  | Resources              |  | Apply                   |
| Browse Search                                       | CLUY .                 |  |                         |
| View 🗸 🔞 📑 🖳 🗁 %                                    | Туре                   | HTTP V   |                         |
| V 🔡 Shared Components                               | Description            |  |                         |
|   |                        |  |                         |
| <pre>#TTP</pre>                                     |                        |  |                         |
| TokenServiceRP                                      | Host Identifier        | FCUBSWebgate 💌   |                         |
| 🔅 wl_authen   | * Resource URL         | /EC1NeoWeb   |                         |
| V 📑 Host Identifiers                                |                        |  |                         |
| FCUBSWebgate  | Query String           |  |                         |
| IAMSuiteAgent                                       | * Protection Level     | Protected  |                         |
| Authentication Schemes     AnonymousScheme          | Authentication Policy  | Protected Resource Policy 👻                            |                         |
| BasicScheme   |                        |  |                         |
| BasicScheme   | Authorization Policy   | Protected Resource Policy 💌                            |                         |
| R FAAuthScheme                                      |                        |  |                         |
| FCUBS_Auth_scheme                                   |                        |  |                         |
| KerberosScheme                                      |                        |  |                         |
| LDAPNoPasswordValidationScheme                      |                        |  |                         |
| IDAPScheme E  |                        |  |                         |
| CAAMAdvanced  |                        |  |                         |
| CAAMBasic   |                        |  |                         |
| CAM 10gScheme                                       |                        |  |                         |
| CAMAdminConsoleScheme                               |                        |  |                         |
| 0IFScheme   |                        |  |                         |
| CIMScheme   |                        |  |                         |
| TAPScheme   |                        |  |                         |
| X509Scheme  |                        |  |                         |
| V C Application Domains                             |                        |  |                         |
| √ G FCUBSWebgate                                    |                        |  |                         |
| @ Resources   |                        |  |                         |
| Authentication Policies                             |                        |  |                         |
| Authorization Policies View Content Sector Policies |                        |  |                         |
| Generation  |                        |  |                         |
| G IAM Suite   |                        |  |                         |
|   |                        |  |                         |
| P   |                        |  |                         |

#### Туре

Select 'HTTP'.

**Host Identifier** 

Select 'FCUBSWebgate'.

#### **Resource URL**

Specify '/FCJNeoWeb'.

#### **Protection Level**

Select 'Protected'.

Click 'Apply' button to update the resource added.

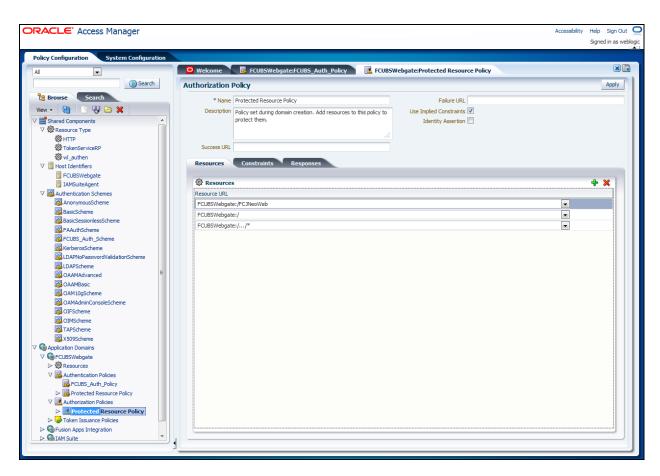
#### **Authentication Policy**

Select the authentication policy and authorisation policy as 'Protected Resource Policy'.

### 2.4.3.8 Adding Authorization Policy

Check whether the resources available in the authentication policies are available in Authorization Policy.





During web gate creation, these values are defaulted.



| Policy Configuration AI   | Welcome Authorization Pe     * Name | 📧 FCUBSWebgate:Protected Resource Pa<br>Olicy       | olicy            |                           |                |       |
|---|-------------------------------------|---|------------------|---------------------------|----------------|-------|
| Image: Search       Yeaw →       Image: Shared Components       Image: Shared Components <tr< th=""><th>Authorization Po</th><th></th><th>olicy</th><th></th><th></th><th></th></tr<>  | Authorization Po                    |   | olicy            |                           |                |       |
| Browse     Search       Vew →     Image: Components       ✓     Image: Shared Components       ✓ <th></th> <th>olicy</th> <th></th> <th></th> <th></th> <th></th>  |                                     | olicy   |                  |                           |                |       |
| Vew ▼ 00 E 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | * Name F                            |   |                  |                           |                | Apply |
| ✓ ∰ Shared Components ✓ ጭ Resource Type ※ HTTP ※ TokenServiceRP   |                                     | Protected Resource Policy                           |                  | Failure URL               |                |       |
|   | Description p                       | Policy set during domain creation. Add resources to | o this policy to | Use Implied Constraints 🔽 |                |       |
| 鬱 HTTP<br>鬱 TokenServiceRP  | r                                   | protect them.                                       |                  | Identity Assertion 📃      |                |       |
| TokenServiceRP  |                                     |   |                  |                           |                |       |
|   |                                     |   |                  |                           |                |       |
|   | Success URL                         |   |                  |                           |                |       |
| 🛱 wl_authen   | Resources                           | Constraints Responses                               |                  |                           |                |       |
| V Host Identifiers  | Resources                           | constraints responses                               |                  |                           |                |       |
| FCUB5Webgate  | 🔞 Responses                         |   |                  |                           |                | + ×   |
| IAMSuiteAgent     Authentication Schemes  | Name                                | Туре  | e                |                           | Value          |       |
| Authentication Schemes  | DN                                  | Hea   |                  | -                         | \$user.attr.dn |       |
| BasicScheme   | LON .                               | nee   |                  |                           | pasariatarian  |       |
| BasicScheme<br>BasicSessionlessScheme   |                                     |   |                  |                           |                |       |
| Representation and the second |                                     |   |                  |                           |                |       |
| CUBS_Auth_Scheme  |                                     |   |                  |                           |                |       |
| KerberosScheme  |                                     |   |                  |                           |                |       |
| Baskerberosscheme   |                                     |   |                  |                           |                |       |
| COAPrior assivoi divalidadui i Scheme =   |                                     |   |                  |                           |                |       |
| Concerne E |                                     |   |                  |                           |                |       |
| CAAMAdvanceu<br>CAAMBasic   |                                     |   |                  |                           |                |       |
| CAAMbasic<br>CAAMbasic  |                                     |   |                  |                           |                |       |
| CAM10g5cheme  |                                     |   |                  |                           |                |       |
|   |                                     |   |                  |                           |                |       |
| CIMScheme   |                                     |   |                  |                           |                |       |
| A TAPScheme   |                                     |   |                  |                           |                |       |
| 800 TAPScheme   |                                     |   |                  |                           |                |       |
|   |                                     |   |                  |                           |                |       |
| ✓ Cupplication Domains  |                                     |   |                  |                           |                |       |
| > @ Resources   |                                     |   |                  |                           |                |       |
| V Resources   |                                     |   |                  |                           |                |       |
| Authentication Policies     Protected Resource Policy   |                                     |   |                  |                           |                |       |
| V Authorization Policies  |                                     |   |                  |                           |                |       |
| Protected Resource Policy   |                                     |   |                  |                           |                |       |
| Protected Resource Policy     Token Issuance Policies   |                                     |   |                  |                           |                |       |
| Generation  | •                                   |   |                  |                           |                | • }   |
| Gitam Suite   |                                     |   |                  |                           |                |       |
| A MARIAN SUPP   |                                     |   |                  |                           |                |       |

Add DN in the 'Responses' tab. Enter the value as *\$user.attr.dn*.

The responses maintained in the tab will be added in the response header during authorization.

#### 2.4.3.9 Configuring mod\_wl\_ohs for Oracle Weblogic Server Clusters

In order to enable the Oracle HTTP Server instances to route to applications deployed on the Oracle Weblogic Server Clusters, add the below directive to the *mod\_wl\_ohs.sh* file in directory '<Weblogic Home> /Oracle\_WT1/instances/instance1/config/OHS/ohs1'.

<Location /console> SetHandler weblogic-handler WebLogicHost idmhost1.mycompany.com WeblogicPort 7001

</Location>

#### 2.4.3.10 Checking the Webgate 11g Agent Creation

After configuration of webgate 11g agent, go to the URL <u>http://<hostname>:<ohs\_Port>/ohs/modules/webgate.cgi?progid=1</u> and verify whether the webgate configuration is fine. If the URL launches the following screen, then it indicates that the webgate configuration works fine.



|     | Access<br>Server                       |        | ection<br>ate | Create                                 | d                    | tion Num Of Dir<br>ory Threads Infor             |                               |
|-----|--|--------|---------------|--|----------------------|--|-------------------------------|
|     | padsrini-pc<br>5575, 1                 | Up     | 2             | Monday<br>August<br>27, 201<br>11:08:0 | 2                    |  |                               |
| С   | ache Name                              | State  |               |  | Timeout<br>(seconds) | Cache Stats<br>(Hits:Misses:<br>Expired:Flushed) | Memory<br>Footprin<br>(bytes) |
| - 1 | Resource to<br>othentication<br>Scheme |        | 100000        | 60                                     | 1800                 | 13979:416:139:1                                  | 33688                         |
| Aι  | thentication<br>Scheme                 | active | 25            | 1                                      | 1800                 | 45629:140:138:1                                  | 710                           |
|     | Resource to<br>uthorization<br>Policy  | active | 100000        | 59                                     | 1800                 | 183:59:0:1                                       | 25488                         |
| A   | uthorization<br>Result                 | active | 1000          | 3                                      | 15                   | 178:5:4:1  | 6507                          |

### 2.4.3.11 Using OAM Test Tool

This step is not mandatory.

Oracle Access Manager Test Tool helps you check the response parameter values. The test tool is available in *<OAM Install Dir>\ oam\server\tester*.

Eg. D:\weblogic\Middleware\Oracle\_IDM1\oam\server\tester

Use java -jar oamtest.jar to launch the OAM test tool.



| le Edit Test Help  Sever Connection  Phimagy: padarini-pc  5575  Agent ID  PCUBSWebgate  Agent Password  Secondary:  0  1  Connect  Pot  Connect  Connect | Oracle Access Manage   | Test Tool  |  |  |         |                |
|--|--|--|--|--|---------|----------------|
| Sever Connection  Primary: padsrin-po Pot Pot Pot Pot Pot PousSWebgate Pot   | e <u>E</u> dit <u>T</u> est <u>H</u> elp   |  |  |  |         |                |
| PAddress       Port       Max Conn       *Agent ID         "Primery:       padsrini-pc       5575       1       PCUBSWebgate         Secondary:       0       1       Agent Password       ?         Min Conn       Timeout (me)       Mode       ?       Connect         Protected Resource URI       Connect       ?       ?       Connect         Scheme       'Host       0       ?       ?       ?         Into        'FCUBSWebgate       O       ?       ?       ?         Scheme       'Host       0       ?       ?       ?       ?         Ver Identity       'Poderes       ?       Quername       ?       ?       Authenticate         User Certificate Store         ?       Authenticate       ?       Authorize         Status Messages         ?       Authorize       ?       Authorize       ?       ?         8/27/12 11:17 AMI[response] Redirect URL : https://padsrini-pc.14101/osm/isever       ?       Authorize       ?       ?       Authorize       ?       ?       Authorize       ?       ?       ?       ?       ?       ?       ?       ?       ? <th>) 🗟   🥔   🔁</th> <th></th> <th></th> <th></th> <th></th> <th></th>  | ) 🗟   🥔   🔁  |  |  |  |         |                |
| *Primary:       padsfini-po       5575       1       FCUBSWebgate         Secondary:       0       1       Agent Password       2         Min Conn       Timeout (ms)       Mode       Image: Connect       Connect         Protected Resource URI       Image: Connect       O       Image: Connect       Image: Connect         Scheme       'Host       O       Image: Connect       Image: Connect       Image: Connect         Validate       O       Image: Connect       O       Image: Connect       Image: Connect         Validate       Port       Image: Connect       Image: Connect       Image: Connect       Image: Connect         Validate       Port       Image: Connect       Image: Connect       Image: Connect       Image: Connect         Validate       Port       Image: Connect       Image: Connect       Image: Connect       Image: Connect         Validate       Image: Connect       Image: Connect       Image: Connect       Image: Connect       Image: Connect         User Identity       Image: Connect       Image: Connect       Image: Connect       Image: Connect       Image: Connect         User Identity       Image: Connect       Image: Connect       Image: Connect       Image: Connect       Image: Connect  | Server Connection  |  |  |  |         |                |
| Secondary: Agent Pasword Secondary: 0 1 Agent Pasword Connect  Agent Pasword Connect  Agent Pasword Connect  Agent Pasword Connect  Connect Connect Connect Connect Connect Connect Connect Connect Connect Connect Connect Connect  |  |  |  |  |         |                |
| Secondary: 0 1 Connect   | Primary: padsrini-pc   |  | 5575 1   |  | -       |                |
| I 30000 open   Protected Resource URI Scheme Host FCUBSWebgate    Pot FCUBSWebgate Pot  Get Auth Scheme  Persition  Connect     User Identity IP Address  SARAN  Satus Messages  Status Messages  Status Messages  8/27/12 11:17 AMI[response] Redirect URL: https://padsini-pc:14101/osm/server 8/27/12 11:17 AMI[response] Cedentials expected: 0x1 (basic) 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0AM_IINPERSONATOR_USER: 8/27/12 11:17 AMI[response] Cedinol 0A   | Secondary:   |  | 0 1  | Agent P  | assword | ?              |
| I 30000 open   Protected Resource URI Scheme Host FCUBSWebgate    Pot FCUBSWebgate Pot  Get Auth Scheme  Persition  Connect     User Identity IP Address  SARAN  Satus Messages  Status Messages  Status Messages  8/27/12 11:17 AMI[response] Redirect URL: https://padsini-pc:14101/osm/server 8/27/12 11:17 AMI[response] Cedentials expected: 0x1 (basic) 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0: 0x05306aa-761d-450c-ec00-3007/cfdcde03 8/27/12 11:17 AMI[response] Cedinol 0AM_IINPERSONATOR_USER: 8/27/12 11:17 AMI[response] Cedinol 0A   | Min Coop Timoout (mr)  | Mada   |  |  |         |                |
| Scheme Host FCUBSWebgate Operation Get Get Auth Scheme  Resource Operation Get Validate  User Identity  P Address 'Username Password SARAN Authenticate User Certificate Store Authorize  Status Messages  Status  |  |  |  |  |         | Connect        |
| Scheme Host FCUBSWebgate O G Get Auth Scheme Resource Operation Get Validate User Identity P Address Validate User Certificate Store Authorize Status Messages |  |  |  |  |         |                |
| Ittp       FCUBSWebgate       0       Iteration         Resource       Operation       Iteration       Validate         If CJNeoWeb       Get       Validate         User Identity       Iteration       Iteration       Validate         IP Address       Username       Password       Iteration       Iteration         User Certificate Store       Iteration       Iteration       Iteration       Iteration         Status Messages       Status Messages       Iteration       Iteration       Iteration       Iteration         8/27/12 11:17 AM[[response] Redirect URL : https://padsini-pc:14101/oam/server       8/27/12 11:17 AM[[response] Credentials expected : 0x1 (basio)       8/27/12 11:17 AM[[request][authenticate] vs       Authorize         8/27/12 11:17 AM[[response] User DN : on=SARAN, on=users, do=oracle, do=oom       8/27/12 11:17 AM[[response] Session D : 965396ea-751d-450-ac60-90107 cf0de08       8/27/12 11:17 AM[[response] Session D : 965396ea-751d-450-ac60-90107 cf0de08       8/27/12 11:17 AM[[response] Session D : on=SARAN, on=users, do=oracle, do=com       8/27/12 11:17 AM[[response] Session D : 965396ea-751d-450-ac60-90107 cf0de08       8/27/12 11:17 AM[[response] Session D : 965396ea-751d-450-ac60-90107 cf0de08       8/27/12 11:17 AM[[response] Session D : on=SARAN, on=users, do=oracle, do=com       8/27/12 11:17 AM[[response] Session D : 965396ea-751d-450-ac60-90107 cf0de08       8/27/12 11:17 AM[[response] Session D : on=SARAN, on=users, do=oracle, do=com   | Protected Resource URI   |  |  |  |         | *              |
| Resource       Operation       Image: Comparison of the second of  | 1  |  |  |  |         | <b>V</b>       |
| IPCJNeoWeb       Get       Validate         User Identity       IP Address       "Username       Password       IP         User Certificate Store       Image: Cerificate Store   | http 👻 FCUBS   | Nebgate  |  | 0  |         | Get Auth Schem |
| IP-CJNeoWeb       Get  | Resource   |  |  | Opera  | tion    | A              |
| IP Address       Username       Password         SARAN       ●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●●  |  |  |  |  | 1       |                |
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| [8/27/12 11:17 AM][response] Redirect URL : https://padsrini-pc:14101/oam/server         [8/27/12 11:17 AM][response] Credentials expected : 0x1 (basic)         [8/27/12 11:17 AM][request][authenticate] yes         [8/27/12 11:17 AM][response] User DN : on=SARAN,on=users,do=oracle,do=com         [8/27/12 11:17 AM][response] SessionID : 965396ea-751d-456o-ac60-90f07cf6de08         [8/27/12 11:17 AM][response][action] DN : on=SARAN,on=users,do=oracle,do=com         [8/27/12 11:17 AM][response][action] OAM_IMPERSONATOR_USER :         [8/27/12 11:17 AM][response][action] OAM_IDENTITY_DOMAIN : FCUBSIdentityStore   | User Identity<br>IP Address  |  |  | Get  | •       | Authenticate   |
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| 8/27/12 11:17 AM][response] User DN : cn=SARAN,cn=users,dc=cocm         8/27/12 11:17 AM][response] SessionID : 965396ea-751d-456c-ac60-90f07cf8de08         8/27/12 11:17 AM][response][action] DN : cn=SARAN,cn=users,dc=coracle,dc=com         8/27/12 11:17 AM][response][action] OAM_IMPERSONATOR_USER :         8/27/12 11:17 AM][response][action] DN : cn=SARAN,cn=users,dc=coracle,dc=com         8/27/12 11:17 AM][response][action] DN : cn=SARAN,cn=users,dc=coracle,dc=com         8/27/12 11:17 AM][response][action] DN : cn=SARAN,cn=users,dc=coracle,dc=com         8/27/12 11:17 AM][response][action] OAM_IMPERSONATOR_USER :         8/27/12 11:17 AM][response][action] OAM_IDENTITY_DOMAIN : FCUBSIdentityStore  | User Identity IP Address User Certificate Store Status Messages  | SARAN  |  | ord  | •       | Authenticate   |
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| [8/27/12 11:17 AM][response][action] OAM_REMOTE_USER : SARAN<br>[8/27/12 11:17 AM][response][action] OAM_IDENTITY_DOMAIN : FCUBSIdentityStore  | User Identity<br>IP Address<br>User Certificate Store<br>Status Messages<br>[8/27/12 11:17 AM][respon:<br>[8/27/12 11:17 AM][respon:   | e) Redirect URL : http<br>e) Credentials expect<br>[authenticate] yes<br>e) User DN : on=SAR<br>4) SessionID : 966396<br>[action] DN : on=SA<br>e][action] ON : on=SA  | es://padsrini-pc:14101/c<br>ed : 0x1 (basic)   | Iam/server   | •       | Authenticate   |
| [8/27/12 11:17 AM][response][action] OAM_IDENTITY_DOMAIN : FCUBSIdentityStore  | User Identity IP Address User Certificate Store Status Messages [8/27/12 11:17 AM][respon: [8/27/12 11   | e) Redirect URL : http<br>e) Credentials expect<br>[authenticate] yes<br>e) User DN : cn=SAR/<br>e) SessionID : 965396<br>e][action] DN : cn=SA<br>e][action] OAM_IMPE<br>[authorize] yes  | x://padsrini-pc:14101/c<br>ed : 0x1 (basic)<br>AN, cn=users, dc=oracle<br>Bea-751d-456c-ac60-9<br>ARAN, cn=users, dc=orac<br>ERSONATOR_USER :  | em/server<br>do=com<br>H07cf6de08<br>He,do=com       | •       | Authenticate   |
|  | User Identity<br>IP Address<br>User Certificate Store<br>Status Messages<br>8/27/12 11:17 AM[[respon:<br>8/27/12 11:17 AM][respon:<br>8/27/12 | e) Redirect URL : http<br>e) Credentials expect<br>(authenticate) yes<br>e) User DN : on=SAR/<br>e) SessionID : 965396<br>e)[action] DN : on=SA<br>e)[action] DN : on=SA<br>e][action] ON : on=SA<br>e][action] ON : on=SA<br>e][action] ON : on=SA<br>e][action] ON : on=SA                     | x://padsrini-pc:14101/c<br>ed : 0x1 (basic)<br>AN, cn=users, do=oracle<br>Bea-751d-458c-ac80-9<br>RRAN, cn=users, do=ora<br>ERSONATOR_USER :<br>ARAN, cn=users, do=ora<br>ERSONATOR_USER :                                 | em/server<br>do=com<br>H07cf6de08<br>He,do=com       | •       | Authenticate   |
| Elaosed (ms): 47 Capture Queue: Empty  | User Identity<br>IP Address<br>User Certificate Store<br>Status Messages<br>8/27/12 11:17 AM][respon<br>8/27/12 11:17 AM][respon   | e) Redirect URL : http<br>e) Credentials expect<br>(authenticate) yes<br>e) User DN : on=SAR/<br>e) SessionID : 963396<br>e)[action] DN : on=SA<br>e)[action] OAM_IMPE<br>e)[action] OAM_REM | <br>bs://padsrini-pc:14101/c<br>ed : 0x1 (basic)<br>AN, on=users, do=oracle<br>Bea-751d-456o-ac60-9<br>ARAN, on=users, do=oracle<br>ERSONATOR_USER :<br>ARAN, on=users, do=oracle<br>ERSONATOR_USER :<br>IOTE_USER : SARAN | end<br>end<br>end<br>end<br>end<br>end<br>end<br>end | •       | Authenticate   |
|  | User Identity<br>IP Address<br>User Certificate Store<br>Status Messages<br>8/27/12 11:17 AM][respon<br>8/27/12 11:17 AM][respon   | e) Redirect URL : http<br>e) Credentials expect<br>(authenticate) yes<br>e) User DN : on=SAR/<br>e) SessionID : 963396<br>e)[action] DN : on=SA<br>e)[action] OAM_IMPE<br>e)[action] OAM_REM | <br>bs://padsrini-pc:14101/c<br>ed : 0x1 (basic)<br>AN, on=users, do=oracle<br>Bea-751d-456o-ac60-9<br>ARAN, on=users, do=oracle<br>ERSONATOR_USER :<br>ARAN, on=users, do=oracle<br>ERSONATOR_USER :<br>IOTE_USER : SARAN | end<br>end<br>end<br>end<br>end<br>end<br>end<br>end | •       | Authenticate   |

## 2.4.4 First Launch of Oracle Banking Payments after Installation

After installing Oracle Banking Payments and launching it for the first time, you will see the Oracle Banking Payments login screen which prompts for user ID and password. This is because the parameter 'sso installed' is set to 'N' during installation.

#### 2.4.4.1 Bank Parameter maintenance

In order to enable SSO for Oracle Banking Payments, login to the application and check 'SSO Enabled' check box in 'Bank Parameters Maintenance' screen.



| Bank Parameters Maintenance   | _ ×  |
|---|--|
| Bank Code * 000   | Customer Name BANK FUTURA  |
| Head Office Branch<br>Code * 000  | Description BANK FUTURA  |
| Financial Preferences General Preferences                                   |  |
| Format Masks<br>CIF Mask bbbnnnnn<br>General Ledger Mask* nnnnnnnn          | Year End Profit and Loss<br>General Ledger * 241000801<br>Transaction Code * 000                                     |
| Spread Application Both Leg  Spool File Purge Days 90 Inter Pay Lead days 3 | General Ledger Purge Days Auto Batch User Restriction For Batch Number SSO Enabled                                   |
| Cheque Numbering Details<br>Scheme<br>Cheque Numbers U<br>for Branch        | nique Checksum Algorithm Checksum Algorithm Checksum Algorithm   |
| TRS Details   | Suspense Account   |
| Account Mask Preferences Fields   |  |
| Input ByLC32702 Authorized Byl<br>Date Time 2012-02-29 13:26:22 Date Time   | LC32702A03     Modification     152     ✓ Authorized       2012-02-29 15:20:45     Number     ✓ Open     Ok     Exit |

## 2.4.4.2 SSO Parameters

After enabling SSO, you need to maintain the parameters required for SSO. Go to 'Security Maintenance -> Sys. Administration -> SSO Maintenance'.

| 🔷 Single Sign On Maintenance |                         |                       |            | _ ×  |
|------------------------------|-------------------------|-----------------------|------------|------|
| LDAP Host*                   | padsrini-pc             |                       |            |      |
| LDAP Port*                   | 3060                    |                       |            |      |
| LDAP Admin Id *              | cn=orcladmin            |                       |            |      |
| LDAP Password *              | •••••                   |                       |            |      |
| LDAP Base *                  | cn=Users,dc=oracle,dc=c |                       |            |      |
|                              | om .::                  |                       |            |      |
| Time Out Duration(Seconds) * |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
|                              |                         |                       |            |      |
| Fields                       |                         |                       |            |      |
| Input BySARAN                | Authorized By SAF       |                       | Authorized |      |
| Date Time 2012-01-06 12:3    | 3:04 Date Time 201      | 01-06 12:33:04 Number | Open       | Exit |

Specify all the details such as Directory Server Host Name, Port Number, LDAP Admin User ID, Admin Password, LDAP Base and Login Time Out Duration (in seconds).



### 2.4.4.3 Maintaining Branch Level DN Template (Branch Maintenance)

Go to the 'Branch Maintenance' screen of Oracle Banking Payments.

You need to maintain LDAP DN template for each branch. This is used in the Oracle FLEXCUBE user maintenance form to populate corresponding LDAP user ID automatically from this template. Go to 'Branch Parameters' screen and click 'Preferences' button.

| Branch Parameters Prefere                | ences                            |                               | ×  |
|--|----------------------------------|-------------------------------|--|
| Netting Suspense General                 | 233200804                        | Profit and Loss Adjustment    |  |
| Ledger                                   |                                  |                               | Track Previous Year Profit                           |
| Walk In Customer                         | 000003171                        |                               | And Loss Adjustment                                  |
| Internal Swap Customer                   | 000003171                        | Revaluation Split Details     |  |
| Clearing Account                         |                                  |                               | Revaluation Split Required                           |
| Offset Clearing Account                  |                                  |                               |  |
| Weekly Holiday 1                         | Saturday 👻                       | Suspense Product Maintenand   | ce   |
| Weekly Holiday 2                         | Sunday 🚽                         | Debit Product                 |  |
| Clearing Bank Code                       |                                  | Description                   |  |
| MIS Group For Currency                   |                                  | Credit Product                |  |
|  | Interdict Validation<br>Required | Description                   |  |
| Interdict Timeout Interval               |                                  | International Banking Account | Number Masks   |
| Status Processing Basis                  | Contract Level 🚽                 | Bank Code                     | aaaann   |
| Provisioning Frequency                   | Daily 👻                          | Account Number                | aann   |
| Uncollected Funds Basis                  |                                  |                               |  |
| Uncollected Funds                        | -                                | FGL Integration               |  |
|  | Deferred Statement               |                               | FGL Handoff Required                                 |
|  | Generation                       | ELCM Integration              |  |
| Hiner (an Limit (Vra)                    | Enterprise General Ledger        |                               | ELCM Replication                                     |
| Minor Age Limit (Yrs)                    | 18                               |                               | ECON Replication                                     |
| Notification Days                        |                                  |                               |  |
| Cheque Stale Days                        |                                  |                               |  |
| Limit Expiry Advice Notification<br>Days |                                  |                               |  |
| Back Value Details                       |                                  | LDAP DN Template              |  |
| Dack value Details                       |                                  | -                             |  |
|  | Back Valued Check<br>Required    | LDAP DN Template              | cn= <fccusr>,cn=User<br/>s,dc=oracle,dc=com</fccusr> |
| Back Value Days                          | Required                         |                               |  |
|  |                                  |                               |  |
| LCY Message Preferences                  |                                  |                               |  |
|  |                                  |                               |  |
|  |                                  |                               | Ok Exit  |

Specify the LDAP DN Template.

Eg.: LDAP DN Template: cn=<FCJUSR>,cn=Users,dc=i-flex,dc=com

In the above template *cn*=<*FCJUSR*> part must be there without alteration. However, the rest of the DN name can be changed based on the configuration.

#### 2.4.4.4 Maintaining LDAP DN for FCUBS users

For each user ID in Oracle FCUBS, a user has to be created in the LDAP.



When creating the user in LDAP, ensure that the DN is same as the LDAP DN specified in 'User Maintenance'. Once the user is created in LDAP, go to the 'User Maintenance' in Oracle FCUBS. If the Oracle FCUBS user already exists, then unlock the user maintenance and update the LDAP DN value which was set while creating the user in LDAP. Click 'Validate' button to check whether any other user has the same LDAP DN value.

| 🔶 User Maintenance  |  |               |        |           |                            |                    |                                     |   |                             |          | _ ×  |
|---|--|---------------|--------|-----------|----------------------------|--------------------|-------------------------------------|---|-----------------------------|----------|------|
| User Details  |  |               |        |           |                            | Us                 | er Status                           | OEnabl     A     Second Content     Second | led                         |          |      |
| User Referen<br>Languag<br>Home Bran<br>Customer N  | ne * FCUBS<br>ce<br>ge * ENG<br>ch * 004<br>lo |               |        |           | ٤                          | Clas<br>Status Cha | sification                          | Hold<br>Disat   | bled<br>ed                  |          |      |
| Department Cod<br>Department Descriptio<br>Tax Identifi<br>LDAP D<br>Time Lev<br>Amount Form<br>Date Form | on<br>er<br>N FCUBS<br>rel * 9<br>at 🔽         | Authorizatior | 1      | ]         |                            | ELCI               | /I User ID                          | Req   | Customer F<br>uired         |          |      |
| User Password<br>Passwo<br>Password Changed C<br>Ema  |  |               | 3      |           |                            |                    | Start Date <sup>:</sup><br>End Date | * 2012-0  | 1-06                        |          |      |
| Invalid Logins<br>Cumulati<br>Successi  |  |               |        |           |                            |                    |                                     |   |                             |          |      |
| Restricted Password Ro  | les Rights                                     | Functions     | Tills  | Accoun    | t Classes                  | General            | Ledgers                             | Limits  | Branches                    | Products |      |
| Disallowed Functions Us   | ers Holiday                                    | Fields Gr     | oup Re | striction | Centraliz                  | ed Role            |                                     |   |                             |          |      |
| Maker KANN<br>Checker SARA  |  |               |        |           | 12-01-06 1:<br>12-01-06 1: | 3:34:26            |                                     |   | ) 3<br>Closed<br>Authorized |          | Exit |

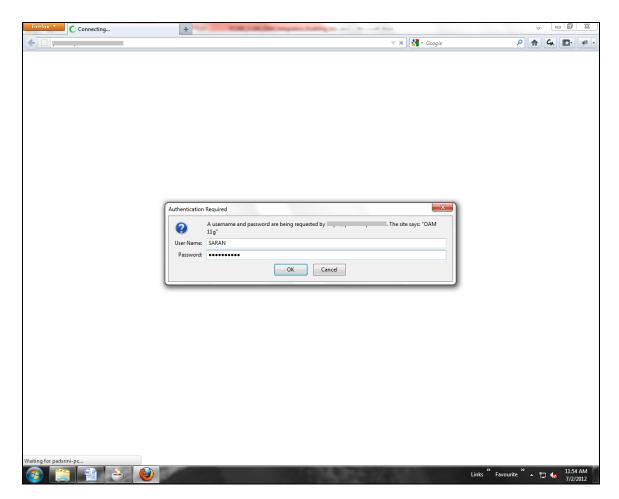
### 2.4.4.5 Launching Oracle Banking Payments

After setting up Oracle Banking Payments to work on Single Sign on mode, navigate to the interim servlet URL from your browser.

Eg.: http://<hostname>:[port]/FCJNeoWeb

Since the resource is protected, the WebGate challenges the user for credentials as shown below.





Once the user is authenticated and authorized to access the resource, the servlet gets redirected to Oracle Banking Payments application server URL. You can see the new sign-on screen. The application automatically redirects to Oracle Banking Payments home page.



| CRACLE' FLEXCUBE Universal Banking                                  |                 |  |
|---|-----------------|--|
| Theme Default   |                 |  |
|   | Theme Default . |  |
| Copyright © 2010, Oracle and/or its affliates. All rights reserved. |                 |  |
|   |                 |  |
|   |                 |  |
|   |                 |  |

### 2.4.4.6 Signoff in a SSO Situation

Oracle Banking Payments does not provide for single signoff. When a user signs off from Oracle Banking Payments, the session established with Oracle Access Manager by the user will not be modified in any manner.

In an SSO situation the 'Signoff' action in Oracle Banking Payments functions as 'Exit'. On clicking 'Signoff', the user will exit Oracle Banking Payments. The user needs to re-launch Oracle Banking Payments using the Banking Payments launch URL to use it again.





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