Oracle® Banking Corporate Lending Oracle Access Manager



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ORACLE

Oracle Banking Corporate Lending Oracle Access Manager, Release 14.8.0.0.0

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Contents

Preface

Purpose	iv
Audience	iv
Documentation Accessibility	v
Critical Patches	v
Diversity and Inclusion	v
Related Resources	v
Conventions	v
Screenshot Disclaimer	vi
Acronyms and Abbreviations	vi

1 Pre-Requisites

1.1	Softv	vare Requirements	1-1
1.2	Back	ground of SSO related components	1-2
	1.2.1	Oracle Access Manager	1-2
	1.2.2	LDAP Directory Server	1-2
	1.2.3	WebGate/AccessGate	1-2
	1.2.4	Identity Asserter	1-3

2 Configuration

2.1	Pre-l	Requisites	2-1
2.2	Char	nge the web.xml file	2-1
2.3	Conf	igure SSO in OAM Console	2-2
2.4	Laur	ch Oracle Banking Corporate Lending after Installation	2-14
:	2.4.1	Enable SSO	2-15
:	2.4.2	Update SSO Parameters	2-15
:	2.4.3	Maintain Branch Level DN Template	2-15
:	2.4.4	Maintain LDAP DN for Oracle Banking Corporate Lending Users	2-16
:	2.4.5	Launch Oracle Banking Corporate Lending	2-16
:	2.4.6	Signoff in a SSO Situation	2-18



Preface

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Related Resources
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

Purpose

This guide helps the user to understand single sign-on can be enabled for a Oracle Banking Corporate Lending deployment using Oracle Fusion Middleware 12c.

In addition, it describes Configuration of Oracle Banking Corporate Lending and Oracle Access Manager to enable single sign-on using Oracle Internet Directory as a LDAP server.

Audience

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

Table 1 Audience

Role	Function
Administrator	Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.
Implementation team	Implementation of Oracle Banking Corporate Lending Solution
Pre-sales team	Install Oracle Banking Corporate Lending for demo purpose
Bank personnel	Who installs Oracle Banking Corporate Lending

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.



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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.



Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The listed below acronyms and abbreviations are used in this document.

Abbreviations or Acronyms	Definition
EAR	Enterprise Archive file
HTTP	Hypertext Transfer Protocol
LDAP	Lightweight Directory Access Protocol
OAM	Oracle Access Manager
OBCL	Oracle Banking Corporate Lending
OHS	Oracle HTTP server
SSO	Single sign-on

Table 3 Acronyms and Abbreviations



1 Pre-Requisites

The following are the pre-requisites for Oracle Access Manager (OAM) and LDAP Directory Server.

This topic has the following sub-topics:

- Software Requirements This topic provides the detailed information on Software Requirement for OAM setup.
- Background of SSO related components This topic describes the SSO related component.

1.1 Software Requirements

This topic provides the detailed information on Software Requirement for OAM setup.

- 1. Oracle Access Manager OAM (12.2.1.4.0)
 - Access Server
 - Webtier Utilities 12.2.1.4.0
 - Web Gate 12.2.1.4.0
 - HTTP Server
- 2. LDAP Directory Server

Make sure that the LDAP which is been used for Oracle Banking Corporate Lending Single Sign-on deployment is certified to work with OAM.

List of few LDAP Directory servers supported as per OAM document (note – this is an indicative list. The conclusive list can be obtained from the Oracle Access Manager documentation):

- Oracle Internet Directory
- Active Directory
- ADAM
- ADSI
- Data Anywhere (Oracle Virtual Directory)
- IBM Directory Server
- NDS
- Sun Directory Server
- 3. Web Logic 12.2.1.4.0

For the purpose of achieving single sign on for Oracle Banking Corporate Lending in Fusion MiddleWare 12c, it is necessary for the weblogic instance to have an explicit Oracle HTTP server (OHS).



1.2 Background of SSO related components

This topic describes the SSO related component.

The SSO related components are listed below:

- Oracle Access Manager This topic provides the overview of Oracle Access Manager (OAM) to enable Single Sign-On (SSO).
- LDAP Directory Server

This topic describes the integration of Oracle Banking Corporate Lending with OAM using Single Sign-on feature.

- WebGate/AccessGate This topic provides detailed information on WebGate/AccessGate.
- Identity Asserter This topic provides the detailed information on Identity Asserter.

1.2.1 Oracle Access Manager

This topic provides the overview of Oracle Access Manager (OAM) to enable Single Sign-On (SSO).

Oracle Access Manager (OAM) 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 selfregistration 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

1.2.2 LDAP Directory Server

This topic describes the integration of Oracle Banking Corporate Lending with OAM using Single Sign-on feature.

To integrate Oracle Banking Corporate Lending with OAM to achieve Single Sign-on feature, Oracle Banking Corporate Lending's password policy management, like password syntax and password7 expiry parameters can no longer be handled by Oracle Banking Corporate Lending.

Instead, the password policy management can be delegated to the Directory Server. All password policy enforcements would be on the LDAP user id's password and Not Oracle Banking Corporate Lending application users' passwords.

1.2.3 WebGate/AccessGate

This topic provides detailed information on 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. Make sure that the Access Management Service is On.
- Authenticator or Oracle Web Services Manager: Requires a separate AccessGate and configuration profile for each application. Make sure that the Access Management Service is On.

1.2.4 Identity Asserter

This topic provides the detailed information on 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 WebLogicauthenticated session. It also provides single sign-on between WebGates and portals. Refer to *Fusion Middleware Security Guide* to get more details on Identity asserter

Note:

This document contains the configuration of Oracle Internet Directory as LDAP server and its configuration in WebLogic. This document will not discuss the configuring and setting up of OAM and LDAP directory server of other LDAP servers. This will be provided by the corresponding Software provider.



2 Configuration

This topic explains the configuration of Oracle Access Manager to enable single sign-on using Oracle Internet Directory as a LDAP server.

This topic has the following sub-topics:

- Pre-Requisites
 This topic provides pre-requisites information to configure Oracle Access Manager to
 enable Single Sign-on.
- Change the web.xml file This topic provides the systematic information to change the web.xml filein the EAR file.
- Configure SSO in OAM Console This topic provides the systematic instructions to configure SSO in OAM console.
- Launch Oracle Banking Corporate Lending after Installation This topic describes information on first launch of Oracle Banking Corporate Lending after installation.

2.1 Pre-Requisites

This topic provides pre-requisites information to configure Oracle Access Manager to enable Single Sign-on.

The steps provided below assume that Oracle Banking Corporate Lending has already been deployed and is working (without single sign-on).

The provided below steps assume that Oracle Access Manager and the LDAP server have been installed already and the requisite setup already done with respect to connecting the two along Weblogic's Identity Asserter.

2.2 Change the web.xml file

This topic provides the systematic information to change the web.xml filein the EAR file.

- 1. Locate the web.xml file in the application (OBCL) EAR file.
- 2. Add the following lines under login-config.

```
<login-config>
<auth-method>CLIENT-CERT</auth-method>
<realm-name>myRealm</realm-name>
</login-config>
```





Figure 2-1 web.xml file

3. Save the file and redeploy and restart the application.

2.3 Configure SSO in OAM Console

This topic provides the systematic instructions to configure 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 provided in the *Post Installation Steps* topic in the *Fusion Middleware Installation Guide for Oracle Identity Management.*

- 1. Identity Store Creation.
- 2. To create new user identity store, login to OAM Console.
- 3. Navigate to System Configuration click Common configuration, and clickData Sources and select User Identity Store.
- 4. Specify the below information in the User Identity Store.

Table 2-1 User Identity Store

Field	Description
Store type	Select Store Type as Oracle Internet Directory.
Location	Specify LDAP server Host name and Port Number. For example: <hostname>:<port number=""></port></hostname>
Bind DN	Specify user name to connect the LDAP Server.
Password	Specify password to connect the LDAP Server.
User Name Attribute	The attribute created in LDAP, which will be the User Name for the other application (here it will be treated as the Oracle Banking Corporate Lending Username)
User Search Base	The container of the User Name in the LDAP server.
Group Search Base	The container of the Group Name in the LDAP server.



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Figure 2-2 Oracle Access Manager- System Configuration

http://iflchw-ap-21:7001/oamconsole/faces/pages/Policy...x?_adf.ctrl-state=kfr23iytk_4&c_afrLoop=10370372111194#

- 5. Click the **Apply** button after entering the above information.
- 6. On successful creation, click the **Test connection** button to verify whether the LDAP connection is working fine.

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Common Configuration	Welcome FCUBSWebgate OAM Agents oam_server1 LDAP FCUBSIdentity	
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Data Sources	Confirmation	Connection Status 🕅 🛛 💥
V Suser Identity Stores SuserIdentityStore 1	User Identity Store FCUBSIdentityStore created successfully.	Connection to the User Identity Store
▷ Seffection Control → Seffec		successful!
Access Manager Settings	Store Name FCUBSIdentityStore Description	OK Cancel
ctions - View - 🔄 🗁 💥 🕅	* Store Type OID: Oracle Internet Directory	
Access Manager Settings		
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> 🖉 OSSO Agents	⊻Location and Credentials	
Authentication Modules	* Location iffchw-ap-21:3061 * Bind DN c	cn=ordadmin
7 LDAP Authentication module	* Password	•••••
IDAPNoPasswordAuthModule		
Kerberos Authentication module	Default and System Store Options	
> # X509 Authentication module > # Custom Authentication module	Set as default store (Current Default Store UserIdentityStore I) Set as system store (Current System Store UserIdentityStore I)	
	⊻Users and Groups	
	* User Name Attribute uid	
	* User Search Base cn=Users,dc=orade,dc=com	
	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)	
	≤ Connection Details	
	Minimum Pool Size 10 🖨 Results time limit (se	econds) 0
	Maximum Pool Size 50 🖨 Retry	y Count 3 🚔
	Wait Timeout (seconds) 120 🚔 Referra	al Policy follow 💌
	Inactivity Timeout (seconds)	

Figure 2-3 Oracle Access Manager- System Configuration - Test Connection

7. To create Authentication Module, navigate to System Configuration click Access Manager Settings, and click Authentication Modules, and then click LDAP Authentication Module.

The LDAP Authentication Module screen displays.



Figure 2-4 LDAP Authentication Module

http://iflchw-ap-21:7001/oamconsole/faces/pages/Policy...x?_adf.ctrl-state=kfr23iytk_4&_afrLoop=10370372111194#

- 8. Click the **New** button to create new Authentication Module.
- 9. Specify Name of the authentication module and choose the User Identity Store.
- 10. To create OAM 12c Webgate, navigate to System Configuration, click Access Manager Settings, and click SSO Agents, and then click OAM Agents.

The OAM Agents screen displays.

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				Signed in as we
Policy Configuration System Configura	tion			
Common Configuration	Welcome Create OAM 11G Webgate			[
Actions - View - 📑 🗁 💥 🕅	Welcome to Oracle Access Manager 11g			
2 III Available Services	Use this console to Manage the Access Manager policies already configured in the system. Manage the agent profiles and server profiles of the configured Access Manager Register new applications that need single sign-on integration with Oracle Access Manage and create trut between pathers for Oracle Access Manager and Oracl Click any of the links below to start using the console. Alternatively, you can use the nu	Manager. e Security Token Service.		
	Policies Manage policy components and application domains. New Application Domain	Configuration Manage the common settings and configurations. Common Settings Common Settings Access Manager Settings Security Token Service Settings		
2) Access Manager Settings				
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_ occurred tonest out the	1			

Figure 2-5 Welcome to Oracle Access Manager

11. Click the **Create 12c webgate** button or Click new **OAM 12c Webgate** link available in welcome page.

The Create OAM 12c Webgate screen displays.

	ges/PolicyManager.jspx?_adf.ctrl-state=kfr	251ytk_40c_811C00p=10370372111194	🟫 🔻 C 🚼 - configuring sso 11.1.1.5	٩	
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ctions 🕶 View 👻 📑 🔛 💥 🙀	Create OAM 11g Webgat	e			Apply
Available Services Common Settings Server Instances		FCUBSWebgate	User Defined Parameters		
Session Management Certificate Validation Data Sources	Base URL	http://fflchw-ap-21:7001			
Plugins	Access Client Password		Virtual host 📃 Auto Create Policies 🗹		
	* Security	© Open ⊙ Simple ⊙ Cert	IP Validation		
	Resource Lists				
	Protected Resource List	+ X Public Resource List	+ ×		
	Relative URI	Relative URI			
	//*				
Access Manager Settings	_				
Security Token Service					

Figure 2-6 Create OAM 12c Webgate

× Find: host name 🖊 Next 🕇 Previous 🖌 Highlight <u>a</u>ll 🔲 Mat<u>c</u>h case

12. Specify **Name** for Webgate and **Base URL** (The host and port of the computer on which the Web server for the Webgate is installed).

Once the OAM 12c Webgate created, add filterOAMAuthnCookie=false parameter along with default parameters in User Defined Parameters.

13. Click the Apply button to save the changes.

A confirmation message displays on the FCUBSWebgate screen.

- 14. Perform the following steps to copy the artifacts to the Webgate installation directory after OAM Webgate 12c is created:
 - 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
 - On the OAM Agent host, copy artifacts (to the following Webgate directory path). For example: 12cWebgate_instance_dir/webgate/config/ObAccessClient.xml (for instance WebTier_Middleware_Home/Oracle_WT1/instances/instance1/config/ OHS/ohs1/webgate/config/ObAccessClient.xml)
- **15.** To create Authentication Scheme, navigate to **Policy Configuration**, click **Authentication Schemes**.

The Authentication Schemes screen displays.

16. Click Create button to create new Authentication Scheme and specify the following details:

Field	Description
Name	Specify name to identify Authentication Scheme.
Authentication Level	Set the authentication level to 1.
Challenge Method	Select challenge method as BASIC from the drop-down.
Challenge Redirect URL	Specify URL as /oam/server
Authentication Module	Select the authentication module as OBCL_Authentication_Module from the drop-down.

Table 2-2Authentication Schemes

If it is a basic authentication scheme, user need to add the enforce-valid-basic-authcredentials tag to the config.xml file located under /user_projects/domains/ <MyDomain>/config/. The tag must be inserted within the <security-configuration> tag as follows: [Just before the end of security configuration tag] <enforce-valid-basicauth-credentials>false</enforce-valid-basic-auth-credentials> </securityconfiguration>

The new authentication scheme is created.

Figure 2-7 Authentication Schemes



17. To create authentication policy, navigate to Policy Configuration, click Application Domains, and click [Webgate agent name], and then clickAuthentication Policies.

The Authentication Policies screen displays.



ACLE [®] Access Manager			Accessibility Help Sign Signed in a
licy Configuration System Configuration			8
Search	Welcome Greate Authentication Policy Authentication Policy		Appl
Browse Search			white
	* Name FCUBSWebPolicy	Success URL	
Shared Components	Description	Failure URL	
Ø Resource Type		Identity Assertion	
(C HTTP)			
TokenServiceRP	* Authentication Scheme FCUBS_Auth_Scheme	•	
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BasicScheme	FCUBSWebgate:/		
BasicSessionlessScheme	PC0bSWebgate:/		· ·
FAAuthScheme			
FCUB5_Auth_Scheme			
KerberosScheme			
DAPNOPasswordvalidationScheme			
CAAMAdvanced			
OAAMBasic			
OAM10gScheme			
CAMAdminConsoleScheme			
🐻 OIFScheme			
OIMScheme			
X509Scheme			
Application Domains			
CUBSWebgate			
▷ 🛱 Resources			
V Authentication Policies			
> Reverse Protected Resource Policy			
Authorization Policies View Token Issuance Policies			
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GIAM Suite			

Figure 2-8 Authentication Policies

18. Click **New** and specify the below information:

Table 2-3 Authentication Policies

Field	Description
Name	Specify any name to identify the Authentication Policy (For example: OBCLWebPolicy)
Authentication Scheme	Select the authentication scheme from the drop-down.

- 19. In the **Resources** section, add the resources which are all need to be protected. If <WebgateName>:/.../ and <WebgateName>:/ are added in the resources, then all the sources are protected.
- 20. Click Responses tab and specify the Name as DN and the Value as \$user.attr.dn.

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

l 💌	🖸 Welcome 🛛 👼 F						
		CUBSWebgate:Protected Resour	rce Policy				×
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Browse Search	* Name	Protected Resource Policy		Success URL			_
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Figure 2-9 Authentication Policy - Response tab

21. To add new resources, navigate to **Policy Configuration**, click **Application Domains**, and click **OBCLWebgate**, and then click **Resources**.

The **Resources** screen displays.

Favorites 8 + 8 mod_wl_ohs.so location	Installing and Configuring Ø Oracle Access Manager ×	🐴 🔹 🔂 👻 🖃 🖶 👻 Page 👻 Safety 🕶 Tools 💌
Policy Configuration System Configuration Al Browse Search	Wekome FCUBSWebgate Resources FCUBSWebgate FC	Accessibility Helo Sign Signed in as UBSWebgate:/FC/NeoWeb
Vern ~ 0	Type HTP + Description Hist Identifier FCUBSWebgete • *Resource URL /FC2NeoWeb Query String *Protected Resource Policy • Authentication Policy Protected Resource Policy • Authorization Policy Protected Resource Policy •	

Figure 2-10 Resources

22. Click the **Create New Resource** button and specify the following details.

Table 2-4 Resources

Field	Description
Туре	Select the type as HTTP.
Host Identifier	Select the Host Identifier as OBCLWebgate.
Resource URL	Specify the resource URL as /FCJNeoWeb.
Protection Level	Select the protection level as Protected from the drop-down.
Authentication Policy	Select Protected Resource Policy from the drop-down.
Authorization Policy	Select Protected Resource Policy from the drop-down.

23. Click the **Apply** button to update the resource added.

24. Check whether the resources available in the authentication policies are available in Authorization Policy. During web gate creation these values are defaulted.

RACLE Access Manager		Accessibility Help Sign
		Signed in as
Policy Configuration System Configuration		
Al 💌	🛛 Welcome 💦 👼 FCUBSWebgate:FCUBS_Auth_Policy 🛛 🛃 FCUBSWebgate:Protected Resource Policy	X
Search	Authorization Policy	Apply
Browse Search	* Name Protected Resource Policy Failure URL	
View - 🔞 😚 😲 🗁 🗶	Description Policy set during domain creation. Add resources to this policy to Use Implied Constraints 📝	
Shared Components	protect them. Identity Assertion	
V @ Resource Type		
證 HTTP		
TokenServiceRP	Success URL	
🛱 wl. authen		
V Host Identifiers	Resources Constraints Responses	
FCUBSWebgate		
IAMSuiteAgent	🕸 Resources	+ ×
V 🔀 Authentication Schemes	Resource URL	
AnonymousScheme	FCUBSWebgate:/FCJNeoWeb	•
BasicScheme	FCUBSWebgate:/	•
BasicSessionlessScheme		
BAAuthScheme	FCUBSWebgate://*	•
FCUBS_Auth_Scheme		
KerberosScheme		
LDAPNoPasswordValidationScheme		
LDAPScheme		
B OAAMAdvanced		
CAAMBasic		
B OAM10gScheme		
3 OAMAdminConsoleScheme		
📴 OIFScheme		
3 OIMScheme		
B TAPScheme		
X509Scheme		
G Application Domains		
∇ G FCUBSWebgate		
▷ \$\$ Resources		
V Authentication Policies		
FCUBS_Auth_Policy		
Protected Resource Policy		
V Authorization Policies		
Protected Resource Policy		
Token Issuance Policies		
Fusion Apps Integration	L	

Figure 2-11 Application Policy - Resources

25. Click Responses tab and specify the Name as DN and the Value as \$user.attr.dn.

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

26. To enable the Oracle HTTP Server instances to route to applications deployed on the Oracle Weblogic Server Clusters, add the directive shown below to the mod_wl_ohs.sh file available in <Weblogic Home> /Oracle_WT1/instances/instance1/ config/OHS/ohs1.

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

27. After configuration of webgate 12c agent launch the URL *http://* <*hostname>:<ohs_Port>/ohs/modules/webgate.cgi?progid=1* to verify whether the webgate configuration is fine. If the URL launches a screen as below then the webgate configuration is working fine.

Access Server		ection ate	Create		tion Num Of Dir ory Threads Info	
padsrini-pc 5575, 1	Up	4	Monday August 27, 201 11:08:0	2		
Cache Name	State			Timeout (seconds)	Cache Stats (Hits:Misses: Expired:Flushed)	Memory Footprin (bytes)
Resource to Authentication Scheme	100000000000000000000000000000000000000	100000	60	1800	13979:416:139:1	33688
Authentication Scheme	active	25	1	1800	45629:140:138:1	710
Resource to Authorization Policy	active	100000	59	1800	183:59:0:1	25488
Authorization Result	active	1000	3	15	178:5:4:1	6507

Figure 2-12 Diagnostic View of Oracle Access Manager

28. Use OAM Test Tool (This step is not mandatory)

There is a test tool provided in OAM software which helps us to check the response parameter values. The test tool is available in <OAM Install Dir>\ oam\server\tester.

For example D:\weblogic\Middleware\Oracle_IDM1\oam\server\tester

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

le <u>E</u> dit <u>T</u> e	ist <u>H</u> elp							
	• 1							
Server Conn								
	IP Address		Port	Max Conn	*Agent ID			4
*Primary:	padsrini-pc		5575	1	FCUBSWebgate			
					Agent Password			
Secondary:			0	1			?	
Min Conn	Timeout (ms)	Mode						
1	30000	open v				~	Connect	
Protected Re	esource URI							
Scheme	*Host				Port		3	6
http	▼ FCUBSWel	bgate			0		Get Auth Sch	eme
							_	
Resource /FCJNeoW	/ab				Operation Get -	~	Validate	
User Identity IP Address		*Username SARAN		Password	•••• ?	~	Authenticate	4
						* *	Authenticate	4
	icate Store]			*		-
IP Address User Certifi Status Messe [8/27/12 11:	icate Store ages :17 AM][response] F	SARAN Redirect URL : ht		•••••••		4		-
User Certifi User Certifi Status Messa [8/27/12 11: [8/27/12 11:	ages 17 AM][response] f	SARAN Redirect URL : ht Dredentials expect		•••••••		4		-
User Certifi User Certifi Status Messa [8/27/12 11: [8/27/12 11: [8/27/12 11:	ages 17 AM][response] F 17 AM][response] (17 AM][request][au	SARAN Redirect URL : ht Credentials exper ithenticate] yes	oted : 0x1 (basi	c:14101/oam/serv	er	4		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM][response] f	SARAN Redirect URL : ht Credentials expect thenticate] yes Jser DN : on=SAF	cted : 0x1 (basi	c:14101/oam/serv ic) dc=oracle,dc=com	er	v v		2
User Certifi User Certifi [8/27/12 11: [8/27/12 11: [8/27/12 11: [8/27/12 11: [8/27/12 11:	ages 17 AM][response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response] [17 AM][response] [SARAN Redirect URL : ht Credentials exper ithenticate] yes Joser DN : cn=SAP SessionID : 9653 action] DN : cn=S	cted : 0x1 (basi RAN, cn=users, c 96ea-751d-456 SARAN, cn=use	c:14101/oam/serv ic) dc=oracle,dc=com cc=ac0-90f07cfdd rs,dc=oracle,dc=c	er h ie08	v v		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM][response] F 17 AM][response] (17 AM][response] (17 AM][response] [17 AM][response][17 AM][response][SARAN Redirect URL : ht Credentials exper- ithenticate] yes Jser DN : cn=SAR SessionID : 96533 action] DN : cn=S action] OAM_IMF	cted : 0x1 (basi RAN, cn=users, c 96ea-751d-456 SARAN, cn=use	c:14101/oam/serv ic) dc=oracle,dc=com cc=ac0-90f07cfdd rs,dc=oracle,dc=c	er h ie08	4		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM][response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response] [17 AM][response] [SARAN Redirect URL : ht Credentials expect thenticate] yes Jser DN : on=SAF SessionID : 96533 action] DN : one section] DN : on_ section] OAM_IMF uthorize] yes	cted : 0x1 (basi RAN, cn=users, c 98ea-751d-456 SARAN, cn=use PERSONATOR	c:14101/oam/serv ic) dc=oracle,dc=com sc=ac60-90107cf6d rs,dc=oracle,dc=cc 2_USER :	er h le08 som	4		2
User Certifii User Certifii (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM[[response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(SARAN Redirect URL : ht Credentials expect thenticate] yes Jser DN : cn=SAF SessionID : 96533 action] DN : cn=S faction] OAM_IMF thorize] yes action] OAM_IMF	cted : 0x1 (basi RAN, cn=users, c 96ea-751d-456 BARAN, cn=use PERSONATOR BARAN, cn=use PERSONATOR	c:14101/oam/serv ic) dc=oracle,dc=com 3c-ac60-90f07cf6d rs,dc=oracle,dc=c _USER : rs,dc=oracle,dc=c _USER :	er h le08 som	4		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM][response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response][17 AM	SARAN Redirect URL : ht Credentials exper- ithenticate] yes Jser DN : cn=SA action] DN : cn=S action] OAM_IMF ithorize] yes action] DN : cn=S action] OAM_IMF action] OAM_IMF action] OAM_IMF	AN, cn=users, c 20ea-751d-456 3ARAN, cn=use PERSONATOR 3ARAN, cn=use PERSONATOR MOTE_USER	c:14101/oam/serv ic) de=oracle,de=com 3c=ac60-90f07cf6d rs,dc=oracle,dc=c LUSER : rs,dc=oracle,dc=c LUSER : : SARAN	er Je08 som	4		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM[[response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(17 AM][response][(SARAN Redirect URL : ht Credentials exper- ithenticate] yes Jser DN : cn=SA action] DN : cn=S action] OAM_IMF ithorize] yes action] DN : cn=S action] OAM_IMF action] OAM_IMF action] OAM_IMF	AN, cn=users, c 20ea-751d-456 3ARAN, cn=use PERSONATOR 3ARAN, cn=use PERSONATOR MOTE_USER	c:14101/oam/serv ic) de=oracle,de=com 3c=ac60-90f07cf6d rs,dc=oracle,dc=c LUSER : rs,dc=oracle,dc=c LUSER : : SARAN	er Je08 som	*		2
User Certifi User Certifi (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11: (8/27/12 11:	ages 17 AM][response] f 17 AM][response] (17 AM][response] (17 AM][response] (17 AM][response][17 AM	SARAN Redirect URL : ht Credentials exper- ithenticate] yes Jser DN : cn=SA action] DN : cn=S action] OAM_IMF ithorize] yes action] DN : cn=S action] OAM_IMF action] OAM_IMF action] OAM_IMF	AN, cn=users, c 20ea-751d-456 3ARAN, cn=use PERSONATOR 3ARAN, cn=use PERSONATOR MOTE_USER	c:14101/oam/serv ic) de=oracle,de=com 3c=ac60-90f07cf6d rs,dc=oracle,dc=c LUSER : rs,dc=oracle,dc=c LUSER : : SARAN	er Je08 som	*		2

Figure 2-13 Oracle Access Manager Test Tool

2.4 Launch Oracle Banking Corporate Lending after Installation

This topic describes information on first launch of Oracle Banking Corporate Lending after installation.

- After installing Oracle Banking Corporate Lending, launch it for first time. The OBCL login screen displays.
- 2. Specify User ID and Password.
- 3. Click Login.

This screen is displayed because the **SSO installed** parameter is set to **N** during installation.

This topic contains the following sub-topics:

- Enable SSO This topic provides the systematic instructions to enable SSO details.
- Update SSO Parameters
 This topic provides the systematic instructions to update SSO parameters.



- Maintain Branch Level DN Template This topic provides the systematic instructions to maintain the Branch Level DN Template.
- Maintain LDAP DN for Oracle Banking Corporate Lending Users This topic provides the systematic instructions to maintain the LDAP DN for Oracle Banking Corporate Lending Users.
- Launch Oracle Banking Corporate Lending This topic provides the systematic instructions to launch Oracle Banking Corporate Lending Installer.
- Signoff in a SSO Situation This provides the information about Signoff from the Oracle Banking Corporate Lending session using SSO.

2.4.1 Enable SSO

This topic provides the systematic instructions to enable SSO details.

To maintain the parameters required for SSO, perform the below procedure:

- **1.** Login into the application.
- Navigate to Bank Parameters Maintenance screen and click General Preferences tab. The Bank Maintenance - General Preferences screen displays.
- 3. Select the SSO Enabled check box and click OK.

2.4.2 Update SSO Parameters

This topic provides the systematic instructions to update SSO parameters.

To maintain the parameters required for SSO, perform the below procedure:

- 1. Go to Security Maintenance, click Sys. Administration, and click SSO Maintenance. The Single Sign-on Maintenance screen displays.
- 2. Specify the following details:
 - LDAP Host Name
 - LDAP Port number
 - LDAP Admin ID
 - LDAP Password
 - LDAP Base
 - Login Time Out Duration (in Sec)
- 3. Click **Finish** to update the SSO details.

2.4.3 Maintain Branch Level DN Template

This topic provides the systematic instructions to maintain the Branch Level DN Template.

To maintain the LDAP DN template for each branch, the corresponding LDAP userid is automatically populated, which is used in the user maintenance form.

1. Navigate to the Branch Maintenance and click Branch Level Parameter.

The Branch Level Parameter screen displays.



2. Click the **Preferences** tab and update LDAP DN Template.

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

In the above template, **cn=<FCJUSR>** should not be modified and rest of the DN name can change based on the configuration.

2.4.4 Maintain LDAP DN for Oracle Banking Corporate Lending Users

This topic provides the systematic instructions to maintain the LDAP DN for Oracle Banking Corporate Lending Users.

For each user ID in Oracle Banking Corporate Lending, should be created in the LDAP. When you create the user in LDAP, make sure that the DN value is same as the LDAP DN value that will be updated in User Maintenance form.

1. Once the user is created in LDAP, navigate to the User Maintenance form in OBCL.

If the OBCL user already exists, then unlock the user details and update the LDAP DN value which was set when creating the user in LDAP.

2. Click the **Validate** button to check whether any other user is having the same LDAP DN value.

2.4.5 Launch Oracle Banking Corporate Lending

This topic provides the systematic instructions to launch Oracle Banking Corporate Lending Installer.

After setting up Oracle Banking Corporate Lending to work on Single Sign on mode, perform the below procedure:

1. Navigate to the interim servlet URL from your browser.

For example: http://<hostname>:[port]/FCJNeoWeb

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



Firefox T C Connecting	+ Not Make take here requires froming to an		
padsrini-pc:7778/FCJNeoWeb		× Google	P 🏦 🕼 📴 🥐 ·
	Authentication Required		
	A username and password are being requested by https://padsrini-pc:14101. The	site says: "OAM	
	User Name: SARAN		
	Password: ••••••		
	OK Cancel		

Figure 2-14 Authentication Required

Waiting for padsrini-pc...

2. Once the user is authenticated and authorized to access the resource, the servlet gets redirected to normal Oracle Banking Corporate Lending application server URL and now the new signon form will appear as below.

The application will automatically redirect Oracle Banking Corporate Lending home page.

Oracle FLEXCUBE UBS11.4Login - Mozilla Firefox	Temperature on second	
padsrini-pc:7778/FCJNeoWeb/LoginServlet		☆] (
	ORACLE FLEXCUBE Universal Banking	
	Theme Default	
	Copyright © 2010, Oracle and/or its affiliates. All rights reserved.	

Figure 2-15 Login page

2.4.6 Signoff in a SSO Situation

This provides the information about Signoff from the Oracle Banking Corporate Lending session using SSO.

Oracle Banking Corporate Lending does not currently support single sign-off, that means when a user sign off, the session established with Oracle Access Manager does not affected in any manner.

In a SSO situation, the **Exit** and **Logoff** actions will function as **Exit**, that means on clicking these, the user will exit from the Oracle Banking Corporate Lending session. If you want to relaunch Oracle Banking Corporate Lending, use the Oracle Banking Corporate Lending launch URL.

