# Oracle Banking Trade Finance Oracle Access Manager



Release 14.7.6.0.0 G32581-01 April 2025

ORACLE

Oracle Banking Trade Finance Oracle Access Manager, Release 14.7.6.0.0

G32581-01

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## Preface

- Purpose
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions
- Screenshot Disclaimer

#### Purpose

This manual is designed to help acquaint you with the understanding how single sign-on can be enabled for a ORACLE BANKING TRADE FINANCE deployment using Oracle Fusion Middleware 12c.

#### Documentation Accessibility

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## 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.
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.



# 1 Introduction

For the purpose of single sign-on ORACLE BANKING TRADE FINANCE is qualified with Oracle Identity Management 12.2.1.4.0 (Fusion Middleware 12c) – specifically using the Access Manager component of Oracle Identity Management. This feature is available in the releases OBTF\_14.4.0.0.0 and onwards of ORACLE BANKING TRADE FINANCE.

This document is expected to provide an understanding as to how single sign-on can be enabled for a ORACLE BANKING TRADE FINANCE deployment using Oracle Fusion Middleware 12c.

In addition to providing a background to the various components of the deployment, this document also, talks about Configuration in ORACLE BANKING TRADE FINANCE and Oracle Access Manager to enable single sign-on using Oracle Internet Directory as a LDAP server.



# 2 BACKGROUND AND PREREQUISITES

## 2.1 Pre-Requisites

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

Software Requirements

#### 2.1.1 Software Requirements

- 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
- LDAP Directory Server Please make sure that the LDAP which is been used for ORACLE BANKING TRADE FINANCE Single Signon 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 OBTF in FMW 12c, it is necessary for the weblogic instance to have an explicit Oracle HTTP server (OHS).

### 2.2 Background of SSO related components

- Oracle Access Manager (OAM
- LDAP Directory Server
- WebGate/AccessGate



Identity Asserter

#### 2.2.1 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.

#### 2.2.2 LDAP Directory Server

To integrate ORACLE BANKING TRADE FINANCE with OAM to achieve Single Sign-on feature, ORACLE BANKING TRADE FINANCE's password policy management, like password syntax and password7 expiry parameters can no longer be handled by ORACLE BANKING TRADE FINANCE. 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 TRADE FINANCE application users' passwords.

#### 2.2.3 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.

#### 2.2.4 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. We can get more details on Identity asserter https://docs.oracle.com/cd/E12839\_01/core.1111/e10043/osso.htm#CHDGCACF

This document containts the configuration of Oracle Interner 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.

# 3 Configuration

### 3.1 Pre-Requisites

The steps provided below assume that ORACLE BANKING TRADE FINANCE 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.

#### 3.2 Change the web.xml file

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

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

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

[D:\Oracle\Middleware\user_projects\domains\FCDomain\servers\FCServer\tmp\_WL_user\FCUBS105\f9bfxy\war\WEB-INF\web.xml]
View Search Document Project Tools Window Help
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5 5 7 8 8 10 <b>x</b> 1x 2x 3x 1x 5x 1x 2x 3x 1x
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426 <local>com.iflex.fcc.ejb.FCJEJBLocal</local> 427 <ejb-link>FCJEJBK/ejb-link&gt;         428          429       <ejb-local-ref>         430       <ejb-ref-name>FCUBS_BATCHEJB_LOCAL</ejb-ref-name>         431       <ejb-ref-type>Session</ejb-ref-type>         432       <local-home>com.iflex.fcc.ejb.batch.BatchEJBLocal         433       <eib-link>BatchEJBLocal         434       <eib-link>BatchEJBLocal</eib-link></eib-link></local-home></ejb-local-ref></ejb-link>
435
va 436 <login-config> va 437 <auth-method>CLIENT-CERT</auth-method> va 438 </login-config>
ame.java 439 /a 440

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

## 3.3 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 provided in https://docs.oracle.com/cd/E17904\_01/install.1111/e12002/webgate004.htm#INOIM75770

1. Identity Store Creation

To create new User Identity Store, Login to OAM Console and navigate to System Configuration>>Common configuration>>Data Sources>> User Identity Store.



2. Input below information in the User Identity Store. Choose Store Type as Oracle Internet Directory.

Location:

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

Bind DN:

User name to connect the LDAP Server

Password:

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 OBTF 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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IDAPNoPasswordAuthModule			cn=Users,dc=orade,	,dc=com		_				
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2	Connection Details									
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	Inactivity Timeout (	seconds)								
Security Token Service										

http://ifichw-ap-21:7001/oamconsole/faces/pages/Policy...x?\_adf.ctrl-state=kfr23iytk\_4&\_afrLoop=10370372111194#



**3.** After input of the above information click on 'Apply' button. On successful creation, click test connection button to verify whether the LDAP connection is working fine.

	olicyManager.jspx?_adf.ctrl-state=kfr23iytk_48i_afrLoop=1i		☆ = C 🛃 - car		٩	
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	Maximum Pool Size 50			Count 3		
	Wait Timeout (seconds) 120			Policy follow		
Security Token Service	Inactivity Timeout (seconds) 0					

 Creating Authentication Module Navigate to System Configuration >> Access Manager Settings >> Authentication Modules >> LDAP Authentication Module. Click 'New' Button to create new Authentication Module. Input the Name of the authentication module and choose the User Identity Store we created in step 1.

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 Creating OAM 12c Webgate Navigate to System Configuration>>Access Manager Settings>>SSo Agents>>OAM Agents.

Click on 'Create 12c webgate' button

			Signed in as
Policy Configuration System Configu	aration		
Common Configuration	Welcome Create 0AM 11G Webgate		
Actons • View • 💽 🗁 💥 🚱	Welcome to Oracle Access Manager 11g Use this console to		
Common Settings Server Instances Server Instances Certificate Validation Otati Sources	Manage the Access Manager policies already configured in the system.     Manage the agent profiles and server profiles of configured Access     Register new applications that need angle agrin-on integration with One     Manage and reate trust between partners for Oracle Security Talent     Manage common stetting and configuration for Oracle Access Manage     Dick any of the Inits below to start using the console. Alternatively, you can	de Access Manager. iervice. and Orade Security Token Service.	
2 Plugins	122		
	SSO Agents Manage Partner applications.	Trust Partners Manage the trust between partners.	
	New OAM 10g Webgate		
	Henr Oder Lag verbägter Henr Oder Lag Verbante	Yeen Requester Partner	
	Policies Manage policy components and application domains.	Configuration Manage the common settings and configurations.	
	New Application Domain	Available Services Common Settings Access Manager Settings Security Token Service Settings	
Access Manager Settings			
Security Token Service	1		

Enter any name for Webgate and Base URL (The host and port of the computer on which the Web server for the Webgate is installed) and click on apply.

	es/PolicyManager.jspx?_adf.ctrl-state=kfr23iytk_48c_afrLoop=10370372111194	🏫 호 C 🔡 - configuring sso 11.1.1.5	۹ 🕈 🖸
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	Protected Resource List		
	_		
Access Manager Settings			

or Click on New OAM 12c Webgate link available in welcome page.



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

ifichw-ap-21:7001/oamconsole/faces/pages ACLE: Access Manager	1 111-			erOAMAuthnCookie parameter	Heb So	-0
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Available Services	Confirmation				×	
Server Instances	OAM 11g Webgate FCUBSWebgate	modified successfully. Application (	Domain is FCUBSWebgate			
Access Manager Settings	Name	FCUBSWebgate	Logout Caliback URL	/oam_logout_success		
ctions • View • 🕒 🗁 💥 🝓	Access Client Password		Logout Redirect URL	https://10.180.196.158:14101/oan		
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COAM Agents		) Cert	User Defined Parameters	proxySSLHeaderVar=15_55		
> 🖟 OSSO Agents		Enable		URLINUTF8Format=true dient_request_retry_attempts=1		
Authentication Modules		) Disable		inactiveReconfigPeriod=10		
	* Max Cache Elements	100000		filter:OAMAuthoCookie=false		
	* Cache Timeout (Seconds)	1800 💼	* Sleep for	60 🔹		
	<ul> <li>Token Validity Period (Seconds)</li> </ul>	3600 💼	Cache Pragma Header			
	Max Connections	1	Cache Control Header			
	* Max Session Time	3600 🚖	Debug			
	* Falover Threshold	1	IP Valdation			
	<ul> <li>AAA Timeout Threshold</li> </ul>	-1 💭	Deny On Not Protected			
	Preferred Host	PCU8SWebgate	Allow Management Operations			
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	Server Name Host Name		erver Name Host Name Host Port Max N	lumber		
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Security Token Service	1	-178 EL-				

Click 'Apply' button to save the changes

× Find: TitterOAMAuthnCook 🗸 Next 🛊 Previous 🖌 Highlight all 🔟 Match case 🐠 Phrase not found

- 6. Post OAM Webgate 12c Creation Steps Perform the following steps to copy the artifacts to the Webgate installation directory
  - 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)

 Creating Authentication Scheme To create Authentication Scheme navigate to Policy Configuration >> Authentication Schemes

Click on 'Create' button to create new Authentication Scheme.

Name : Any name to identify Authentication Scheme

Challenge Method : BASIC

Challenge Redirect URL : /oam/server

		Accessibility Help Sign ( Signed in as
olicy Configuration System Configuration		
Search	Wekome     FCUBS_Auth_Scheme     Authentication Schemes	Set As Default Apply
Browse Search	Confirmation	×
iew - 🔄 💽 😌 🖿 💥	Authentication Scheme, FOUBS_Auth_Scheme, created successfully	-
Jee Couponens     Jee Co	* Name (PCUIS Julh Scheme Decorption * Authentication Level 1 * Challinge Method BASIC • * Challinge Referet UR. (Journame ref * Authentication Module (PCUIS Julhentication Module • Challinge Parameters	

Authentication Module : Choose the authentication module created in step 2.

If it is a basic authentication scheme, we 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-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>

</security-configuration>

8. Creating Authentication Scheme

To create authentication policy, navigate to Policy Configuration >> Application Domains >> [Webgate agent name] >> Authentication Policies.

Click new button and input the below information

Name: Enter any name to identify the Authentication Policy (eg. OBTFWebPolicy)

Authentication Scheme: Choose the authentication scheme created in step 5.

Resources:

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.

CLE' Access Manager			Accessibility Help Sign (
			Signed in as
Configuration System Configuration	Welcome     Greate Authentication Policy		
() Search	Authentication Policy		Apphy
Browse Search	* Name FOUBSWebPolicy	Success URL	
• 🍓 📑 😌 🚬 🗶	Description	Falure URL	
Bhared Components		Identity Assertion	
Resource Type			
थाम 🚳			
TokenServiceRP	* Authentication Scheme   PCUBS_Auth_Scheme	•	
W_authen Host Identifiers	Resources Responses		
FCUBSWebgate			
IAMSuiteAgent	@ Resources		+ x
Authentication Schemes	Main		
AnonymousScheme	FCJ8SWebgate://*		
BasicScheme	FCUBSWebgate:/		
BasicSessionlessScheme			- Lines
FAAuthScheme			
FCUBS_Auth_Scheme			
LDAPNoPasswordValdationScheme			
LDAPScheme			
CAAMAdvanced			
CAAMBasic			
CAM10gScheme			
OAMAdminConsoleScheme			
OIFScheme			
OIMScheme			
TAPScheme			
K509Scheme Application Domains			
FCUBSWebgate			
> @ Resources			
7 Authentication Policies			
Protected Resource Policy			
Authorization Policies			
> 🥪 Token Issuance Policies			
Fusion Apps Integration			
IAM Suite			
	1		

Add DN in the Responses section. Enter the value as \$user.attr.dn. The responses maintained in the tab will be added in the response header during the authentication.

	🖸 Welcome 🔜 🖡	CUBSWebgate:Protected	Resource Policy			0
Search	Authentication Policy	1				Appl
Browse Search	* Name	Protected Resource Policy		Success URL		
ew - 🝓 🕒 😲 🗁 🗶	Description	Policy set during domain crea	ation. Add resources to this policy to	Failure URL		
Shared Components		protect them.	A. A.	Identity Assertion		
7 @Resource Type						
@HTTP			, ti			
TokenServiceRP	<ul> <li>Authentication Scheme</li> </ul>	FCUBS_Auth_Scheme				
@wl_authen						
7 🗒 Host Identifiers	Resources Res	ponses				
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IAMSuiteAgent	**********************					<b>T A</b> ,
Authentication Schemes	Name		Type		Value	
AnonymousScheme	DN		Header	•	\$user.attr.dn	
BasicScheme						
BasicSessionlessScheme						
FAAuthScheme						
FCUBS Auth Scheme						
FCUBS_Auth_Scheme						
KerberosScheme						
KerberosScheme BLDAPNoPasswordValidationScheme						
KerberosScheme DAPNoPasswordValdationScheme DAPScheme						
KerberosScheme LDAPNoPasswordValdationScheme LDAPScheme OAAMAdvanced						
KerberosScheme     LDAPNoPasswordValdationScheme     LDAPScheme     CAANdVanced     E     CAANdVanced     E						
KerberosScheme LDAPIs/PasswordValdationScheme LDAPScheme LDAPScheme CAAMAdvanced CAAMadvanced CAAMask: CAAMask						
ErberosScheme LDAPischasswordvladstonScheme CAAMAdvanced CAAMAdvanced CAAMAdvanced CAAMAdvanced CAAMAdvanced CAAMAdvanced CAAMAdvanced						
LowScheme     LowScheme     LowScheme     LowScheme     LowScheme     Country     Cou						
KerberosShene     LOAMs/Assword/valdationScheme     LOAMs/Assword/valdationScheme     LOAMs/Ashene     OAMs/Ashene						
LoAPScheme     LoAPScheme     LoAPScheme     LoAPScheme     LoAPScheme     LoAPScheme     CoAPANa/vanced     CoAPANa/vance						
Koheneschene     LoAPSchene     LoAPSchene     LoAPSchene     GAAVAdvaroed     G     GASVAdvaroed     GOSSchene     S     X595Schene     X595Schene						
Lowerscheme     Lowersche						
LoAPScheme     LAPScheme     LAPScheme     LAPScheme     LAPScheme     LAPScheme     CoANtopscheme     CoANtopscheme     CoANtopscheme     CoBNcheme     COSScheme     JoSpScheme     Application Domains     @PCUSSWedge						
Lowerscheme     Lowersche						
LoAPScheme     LAPScheme     LAPScheme     LAPScheme     LAPScheme     LAPScheme     CoANtopscheme     CoANtopscheme     CoANtopscheme     CoBNcheme     COSScheme     JoSpScheme     Application Domains     @PCUSSWedge						
ChebrosScheme     LAMSchem     LAMSche						
Control Scheme     Control						
	*					

9. Adding Resources

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

- Click on Create New Resource button.
- Select the type as HTTP.
- Select the Host Identifier as OBTFWebgate
- Enter the resource URL as /FCJNeoWeb
- Select the protection level as Protected





#### • Click on apply button to update the resource added.

#### **10.** 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.

ACLE' Access Manager		Accessibility Help Sign 0 Signed in as v
icy Configuration System Configuration		
	Welcome     Reverse FCUBSWebgatesfCUBS_Auth_Policy     Exception     FCUBSWebgatesProtected Resource Policy	
Search	Authorization Policy	Apply
Browse Search	* Name Protected Resource Policy Falure URL	
w - 🚷 🕒 😲 😂 🗶	Description Policy set during domain creation. Add resources to this policy to Use Implied Constraints	
Shared Components	protect them.	
7 @Resource Type		
Флтр		
TokenServiceRP	Success URL	
🕸 wi_authen	Resources Constraints Responses	
7 Host Identifiers		
FCUBSWebgate	@ Resources	+ x )
Authentication Schemes	Resource LIRL	
AnonymousScheme	FCJ8SWebgate:/FCJNeoWeb	
BasicScheme	PC05Webgate:/	
BasicSessionlessScheme		
BAAuthScheme	FCUBSWebgate://*	
FCUBS_Auth_Scheme		
KerberosScheme		
LDAPNoPasswordValidationScheme		
CAAMAdvanced		
CAAMAdvanced CAAMBasic		
CAM10gScheme		
OAMAdminConsoleScheme		
OIFScheme		
OIMScheme		
TAPScheme		
K5095cheme		
Application Domains		
/ GFCUBSWebgate		
▷ @ Resources		
V Authentication Policies		
FCUBS_Auth_Policy  Protected Resource Policy		
Protected Resource Policy     Authorization Policies		
Protected Resource Policy		
> Token Issuance Policies		
Fusion Apps Integration		
G IAM Suite		



Add DN in the Responses section. Enter the value as \$user.attr.dn. The responses maintained in the tab will be added in the response header during the authorization.

					Accessibility Help Sign 0
icy Configuration System Configuration					Signed in as v
	O Welcome	ebgate:Protected Resource Policy			
(a) Search	Authorization P				Apply
Browse Search	* Marrie	rce Policy	Falure URL		
- 🕘 🖸 🖓 😂 🗶			d Constraints		
Shared Components	Contraction of the second second		ity Assertion		
Resource Type			all researcher tool		
@нттр					
TokenServiceRP	Success URL				
🕲 wl_authen					
Host Identifiers	Resources	Responses			
FCUBSWebgate	C Responses				+ x
IAMSuiteAgent					<b>T</b> A.
Authentication Schemes	Name	Туре	party of	Value	
AnonymousScheme	DN	Header		\$user.attr.dn	
BasicScheme					
BasicSessionlessScheme					
FAAuthScheme					1
FCUBS_Auth_Scheme					
KerberosScheme					
UDAPNoPasswordValidationScheme					
LDAPScheme E					
GAAMAdvanced					
GAAMBasic					
GAM10gScheme					
GAMAdminConsoleScheme					
OIFScheme					
GDMScheme					
TAPScheme					
3 x509Scheme					
Application Domains					
FCUBSWebgate					
> @ Resources					
Authentication Policies     Protected Resource Policy					
V Authorization Policies					
	1 4 January 100	m		and a second	* :
> 🛃 Token Issuance Policies	1				
	1.2.1000000000				

11. Configuring mod\_wl\_ohs for Oracle Weblogic server Clusters 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>

 Checking the Webgate 12c Agent Creation 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

Access	1000	nection	Create		tion Num Of Dir	
Server padsrini-pc 5575, 1		late	Monda; August 27, 201 11:08:0	y, 2	ory [Threads]Info	rmation
Cache Name	State			Timeout (seconds)	Cache Stats (Hits:Misses: Expired:Flushed)	Memory Footprint (bytes)
Resource to Authentication Scheme		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

#### configuration is working fine.

**13**. Using 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 eg. D:\weblogic\Middleware\Oracle\_IDM1\oam\server\tester



Cition P Address padsrini-pc Timeout (ms) 30000 Source URI Cities Citie	Mode open +	Port 5575 0	Max Conn 1	*Agent ID FCUBSWebgate Agent Password	Connet	ot
P Address padsrini-pc Timeout (ms) 30000 source URI *Host FCUBSW	open 👻	5575	] 1	FCUBSWebgate Agent Password		ot 👔
P Address padsrini-pc Timeout (ms) 30000 source URI *Host FCUBSW	open 👻	5575	] 1	FCUBSWebgate Agent Password		ot .
padsrini-pc Timeout (ms) 30000 source URI *Host FCUBSW	open 👻	5575	] 1	FCUBSWebgate Agent Password		ot
Timeout (ms) 30000 source URI *Host FCUBSW	open 👻	0	1	Agent Password		ot
30000 source URI *Host FCUBSW	open 👻	0	1			ot
30000 source URI *Host FCUBSW	open 👻			Rot		ot .)
30000 source URI *Host FCUBSW	open 👻			Post	Connei	ot 📄
*Host FCUBSW				Rot		
Host FCUBSW	ebgate			Port	4	> 🧳
Host FCUBSW	ebgate			Port	5	> 🧳
▼ FCUBSW	ebgate			Port		
	ebgate				_	
•				0	Get Auth	Scheme
				Operation		
0				Get 👻	Validat	e
	SARAN		•••••	•••	Authentic	ate
ate Store					Authori	
					Authon	
	Redirect URL ht	tos://nadsrini-n	c:14101/oam/serv	er.		
				UTT		
		2				
		ARAN, cn=use	rs,dc=oracle,dc=c	om		
7 AM][response]	[action] OAM_IDE	NTITY_DOMA	AIN : FCUBSIdentit	yStore		
977777777777	es AM][response] AM][response] AM][response] AM][response] AM][response] AM][response] AM][response] AM][response] AM][response]	es (AM][response] Redirect URL : ht AM][response] Credentials exper- (AM][request][authenticate] yes (AM][response] User DN : cn=SAF (AM][response][action] DN : cn=SAF (AM][response][action] OAMIMF (AM][response][action] OAMIMF (AM][response][action] OAMIMF (AM][response][action] OAMIMF (AM][response][action] OAMIMF (AM][response][action] OAMIDE	SARAN  te Store  AM](response] Redirect URL : https://padsrini-p AM](response] Credentials expected : 0x1 (bas AM](response] Credentials expected : 0x1 (bas AM](response] Credentials expected : 0x1 (bas AM](response] SessionID : 963996a-7516-456 AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IMPERSONATOF AM](response]Settion] OAM_IDENTITY_DOM/	SARAN  S	SARAN  S	Authentic Authentic

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

# 3.4 First launch of ORACLE BANKING TRADE FINANCE after Installation

After installing ORACLE BANKING TRADE FINANCE and while launching it for first time, the normal OBTF login screen with userid and password will appear, this is because when installing the 'sso installed' parameter will be set to 'N'.

- SSO Parameters
- Maintaining LDAP DN for OBTF Users
- Launching ORACLE BANKING TRADE FINANCE
- Signoff in a SSO Situation

#### 3.4.1 SSO Parameters

After enabling SSO, the parameters required for SSO should be maintained. Go to "Security Maintenance -> Sys. Administration -> SSO Maintenance". Provide all the details like Directory Server host name, Port number, LDAP admin Userid , admin Password, LDAP base and Login time out duration (in Sec).



#### 3.4.2 Maintaining LDAP DN for OBTF Users

For each user id in OBTF a user has to be created in the LDAP.

When creating the user in LDAP ensure that the DN used is same as the LDAP DN value that will be updated in user maintenance form. Once the user is created in LDAP go to the user creation form in OBTF. If the OBTF user already exists then unlock the user and update the LDAP DN value which was set when creating the user in LDAP. Click on Validate button to check whether any other user is having the same LDAP DN value.

#### 3.4.3 Launching ORACLE BANKING TRADE FINANCE

After setting up ORACLE BANKING TRADE FINANCE to work on Single Sign on mode, navigate to the interim servlet URL from your browser.

For e.g.: http://<hostname>:[port]/FCJNeoWeb

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



uthentication	Required
0	A username and password are being requested by https://padsrini-pc:14101. The site says: "OAM 11g"
User Name:	SARAN
Password	

Waiting for padsrini-pc...

Once the user is authenticated and authorized to access the resource, the servlet gets redirected to normal ORACLE BANKING TRADE FINANCE application server URL and now the new signon form will appear as below. The application will automatically redirect ORACLE



Oracle Financial Services - Google Chrome				-	
A Not secure   whf00fqn:7058/FCJNeoWeb/Log	ginServlet				
ORACLE'	Font Size: A A A	Theme:	Cadet Green	Glaucous Dark	Sepia
		11	Contraction of the second		-
	Oracle FLEX Trade Fina				
	1112				
	User ID				
	8 Password				
	Sign In				
Co	pyright © 2017,2018, Oracle and/or it	ts affiliates. All rights reserve	ed.		

#### BANKING TRADE FINANCE home page

#### 3.4.4 Signoff in a SSO Situation

ORACLE BANKING TRADE FINANCE does not provide for single signoff currently, i.e., when a user signs off in ORACLE BANKING TRADE FINANCE, the session established with Oracle Access Manager by the user will not be modified in any manner.

In a SSO situation the 'Exit' and 'Logoff' actions in ORACLE BANKING TRADE FINANCE will function as 'Exit', i.e., on clicking these, the user will 'exit' ORACLE BANKING TRADE FINANCE and will need to re-launch ORACLE BANKING TRADE FINANCE using the ORACLE BANKING TRADE FINANCE launch URL.

