Oracle Banking APIs

OBP Base Setup and Configuration Guide Release 18.1.0.0.0

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OBP Base Setup and Configuration Guide April 2018

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Table of Contents

1.	Pre	eface	4
1.	1	Intended Audience	4
1.	2	Documentation Accessibility	4
1.	3	Access to OFSS Support	4
1.	4	Structure	4
1.	5	Related Information Sources	4
2.	Intr	troduction	5
3.	Dat	atabase Tables and Alert Configuration	6
4.	Cor	onfigurations	7
4.	1	OBP Application Configurations	. 12
	4.1.	1.1 Funding table template maintenance	. 12
	4.1.	1.2 Application level fees	.12
	4.1.	1.3 Financial template maintenance	. 12
4.	2	OUD configuration in OBP:	. 13
5.	Pro	oduct configuration	21
6.	Cre	edential mapping for anonymous access	22

1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

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

1.3 Access to OFSS Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<u>http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info</u> or visit <u>http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs</u> if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking APIs Release 18.1.0.0.0, refer to the following documents:

Oracle Banking APIs Installation Guide

2. Introduction

This document is intended for setting up OBAPIs 18.1.0.0.0 with OBP 2.5.0.2 Base release.

3. Database Tables and Alert Configuration

Please complete day one maintenance from admin screen. Please refer 'User Manual Oracle Banking APIs System Configuration.docx' document for day one maintenance.

4. Configurations

• DIGX_FW_CONFIG_ALL_B

Category Id	Property Id	Description
OriginationUs erRole	USER_ROLE_CUSTOMER	Default roles for Origination user creation. The prop_id does not matter. All roles for category_id 'OriginationUserRole' would be assigned to the created user.
OriginationAle rtConfig	BANK_NAME	Property value is used in Originations related Alerts. Prop_Value in Base : 'EMERALD ME BANK'
OriginationCo nfig	ORG_DOB_AGE_LIMIT_CHECK	Whether DOB check is local or to be done remotely. Possible values are LOCAL or REMOTE.
OriginationCo nfig	ORG_DOB_AGE_LIMIT	DOB Age Limit Value. In case the above property value is LOCAL, the age limit (as number of years) in number is to be specified for this property.
OriginationCo nfig	FUNDING_OPTIONS_FOR_EXISTIN G	Funding Options for Existing Party. Values mentioned here should be values from 'com.ofss.obp2502.enumeration.settle ment.SettlementModeType'. Only these funding modes will be available in OBAPIs.
OriginationCo nfig	FUNDING_OPTIONS_FOR_NON_E XISTING	Funding Options for Non-Existing Party. Values mentioned here should be values from 'com.ofss.obp2502.enumeration.settle ment.SettlementModeType. Only these funding modes will be available in OBAPIs.
OriginationCo nfig	CARD	Two types of categories of Cards. If settlement mode 'FUNDING_OPTIONS_FOR_NON_E XISTING' contains 'CARD', then what cards should be allowed should be mentioned here. Possible 'CARD_CREDIT,CARD_DEBIT' (comma separated)
Category Id	Property Id	Description

OriginationCo nfig	USERNAME_TYPE	Username type while registering the prospect. Possible values EMAIL/OTHERS
OriginationCo nfig	LIST_CANCELLATION_DAYS	Submission Cancellation List Range. This value will be used in Report Generation for Cancelled Applications. This property indicates the number of days for which the cancellation report will be generated.
OriginationCo nfig	ORIG_PI_EMAIL_VERIFICATION_R EQUIRED	If Email Verification via OTP is required.

Apart from these mandatory changes, there are few non-mandatory configurations for 'OriginationConfig' category id in DIGX_FW_CONFIG_ALL_B to change system behavior which are:

Property Id	Description	Default value		
CONTACT_INFO	This property allows admin to enable or disable de-dupe check for contact information. Possible values can be 'true' or 'false'.	false		
CONTENT_UPLOAD_A LLOWED_TYPE_LIST	This property contains allowed file types and	.txt,.png,.xlsx,.doc,.pdf,.jpeg,.jpg		
CONTENT_UPLOAD_M IME_TYPES_WHITE_LI ST	separated) which can be uploaded by user at various stage of Origination process.	application/pdf,image/jpeg,image/png,appli cation/x-compressed,application/x-zip- compressed,application/zip,application/ms word,application/vnd.openxmlformats- officedocument.wordprocessingml.docume nt,text/plain,application/pdf,application/vnd .ms-excel,application/vnd.openxmlformats- officedocument.spreadsheetml.sheet		
CONTENT_UPLOAD_M IME_TYPES_ZIP_LIST	This property contains allowed zipped file types and MIME type which can be uploaded by user at various stage of Origination process.	application/x-compressed,application/x- zip-compressed,application/zip		
DATA_REQUIRED_FO R_SUBMISSION	This property determines whether to send applicant's data with submission id at submission stage or not.	false		

Property Id	Description	Default value
	For obp base set up values of the property id should always be false.	
DRIVING_LICENSE_EX PIRY_DURATION	This property contains maximum years allowed for the expiry duration of driving license.	15
DRIVING_LICENSE_M AX_LENGTH	This property contains maximum length allowed for the id of driving license.	30
EMPLOYMENT_INFO	This property allows admin to enable or disable de-dupe check for employment information. Possible values can be 'true' or 'false'.	false
EMPLOYMENT_STABI LITY_MONTH_DURATI ON	This property contains minimum duration (in years) of employment needs to be captured during the origination process.	12
IDENTITY_INFO	This property allows admin to enable or disable de-dupe check for identity information. Possible values can be 'true' or 'false'.	false
INTEREST_ONLY_STA GES	This property contains list of Interest only stages supported by the system.	IOI,IOA
IS_CAPITALIZE_FEES_ ENABLE	This property allows admin to enable or disable capitalization of fee. Possible values can be 'true' or 'false'.	true
IS_LMI_ENABLED	This property determines whether to consider LMI while calculating funding details. Contains value for LMI	false

Property Id	Description	Default value
	capitalization. Value can be 'true' or 'false'.	
IS_NOMINATE_FOR_F EE	This property determines whether applicant is nominated for fees consideration while calculating funding details.	true
IS_REGISTRATION_M ANDATORY	This property determines whether registration of applicant before submission is mandatory or not. If value is 'true', the applicant has to register himself as a user before final submission. Else applicant can directly progress for final submission.	false
MANDETORY_DOCUM ENT_CHECK_NEEDED	This property determines whether to display all documents or only mandatory documents. Possible values can be 'true' or 'false'.	false
MAX_ALLOWED_VEHI CLE_AGE	This property contains maximum allowed age (in years) for used vehicles.	10
ORG_REG_LINK_TIME OUT	This property contains time out value (in minutes) for Registration link for co- applicant.	15
ORIGINATION_DEALE R_REDIRECTION_URL	This property contains URL used for redirecting user from dealer page to bank.	http://\${OBAPIs.WEB.HOST}:\${OBAPIs.W EB.PORT}/index/public/model- bank.html?module=payday&context=index
ORIGINATION_WORKF LOW_LOADER	This property contains configuration whether to fetch workflow from database or from cache. Possible Values can be CACHE (for	DB

Property Id	Description	Default value
	fetching workflow from cache) or DB(for fetching workflow from database.	
PRIMARY_INFO	This property allows admin to enable or disable de-dupe check for primary information. Possible values can be 'true' or 'false'.	false
PRINCIPAL_STAGES	This property contains list of principal only stages supported by the system.	EPI,EIPI
VEHICLE_MILEAGE_M AX_LIMIT	This property contains allowed maximum mileage for used vehicle.	125000
VEHICLE_YEAR_MAX_ LIMIT	This property contains maximum difference allowed (in year)between system date and Vehicle Manufacturing year.	10

4.1 **OBP Application Configurations**

Following maintenance/configurations should be done in OBP application.

4.1.1 Funding table template maintenance

This maintenance decides which all sections like LMI, Fees should be part of funding table.

4.1.2 Application level fees

This maintenance decides which all fees like 'Title Search fee', 'Registration fee' should be shown on application tracker and funding table.

4.1.3 Financial template maintenance

This maintenance decides which all income, expense, liability and asset should be visible as part of financial template. It is also used to decide the mandatory and non-mandatory options for income, expense, liability and asset.

4.2 OUD configuration in OBP:

OUD configuration is mandatory in OBP if save for later or existing user flow is needed in OBAPIs originations.

OUD configuration steps for OBP HOST and OBP SOA:

1. Go to admin console of OBP host.

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	← → C O C (console/co									
🔛 Apps 📃 OBP 2.4 📃 OBP 2.3 📃	GN 📙 OBP 2.5 🥃 Form on BACKUP_DE 🧕 Dash	board [Jenkins] 🖸 B-QA 🧔 LZ-S 🗋 soa-comp {C) grok 👻 Central-JIRA 🧰 ZigBank - Product 🥆 sonar 🧰 LZ-IT 🛛 »							
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View changes and restarts	Home									
Click the Lock & Edit button to modify, add or	Home Page									
Lock & Edit	- Information and Resources		[] ,							
Release Configuration	Helpful Tools	General Information								
	Configure applications	 Common Administration Task Descriptions 	F							
Domain Structure	 Configure GridLink for RAC Data Source 	 Read the documentation 								
host_domain	 Recent Task Status 	 Ask a question on My Oracle Support 								
the Environment	 Set your console preferences 	 Oracle Guardian Overview 	Oracle Guardian Overview							
- Services	 Oracle Enterprise Manager 									
····Security Realms	- Domain Configurations									
Interoperability	bonnum connigurations									
⊡ Diagnostics	Domain	Services	Interoperability							
	Domain	Messaging	WTC Servers							
		JMS Servers	Joit Connection Pools							
	Environment	 Store-and-Porward Agents 2MS Modules 								
	Servers	Dath Carriers	Diagnostics							
	Clusters	 Paul Services Duideas 	Log Files							
How do I	Virtual Hosts	bruges	Diagnostic Modules							
	Migratable Targets	Data Sources	Diagnostic Images							
Search the configuration	Coherence Servers Coherence Clusters	YMI Depictriae	kequest Performance Archives							
Ose the change center Passed WEST Scripts	Machinec	YML Entity Carban	Contaxt							
Change Console preferences	Work Managers	Enreign INDI Providers	- SNMP							
Manage Console extensions	Startun And Shutdown Classes	Work Contexts	- 305							
Monitor servers		• iCOM	Charts and Graphs							
	Your Deployed Resources	Mail Sessions	- Monitoring Darkhoard @							
System Status	Deployments	FileT3	Informating Destruction							
		• JTA								

2. Go to security realms on the left panel.

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Click the Lock & Edit button to modify, add or	Home Page								
delete items in this domain.	- Information and Resources								
Release Configuration	Helpful Tools	General Information							
The same comparation	Configure applications	 Common Administration Task Descriptions 							
Domain Structure	 Configure GridLink for RAC Data Source 	 Read the documentation 							
host_domain	 Recent Task Status 	 Ask a question on My Oracle Support 							
-Environment	 Set your console preferences 	 Oracle Guardian Overview 							
Deployments	 Oracle Enterprise Manager 								
Security Realms									
Interoperability	- Domain Configurations								
■ Diagnostics	Domain	Services	Interoperability						
	Domain	 Messaging 	WTC Servers						
		 JMS Servers 	Jolt Connection Pools						
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number of	 Virtual Hosts 	 Bridges 	Diagnostic Modules						
How do 1	 Migratable Targets 	Data Sources	Diagnostic Images						
 Search the configuration 	Coherence Servers	 Persistent Stores 	Request Performance						
Use the Change Center	Coherence Clusters	 XML Registries 	Archives						
Record WLST Scripts	Machines	 XML Entity Caches 	Context						
Change Console preferences	Work Managers	 Foreign JNDI Providers 	SNMP						
 Manage Console extensions 	 Startup And Shutdown Classes 	 Work Contexts 							
Monitor servers		• jCOM	Charts and Graphs						
	Your Deployed Resources	Mail Sessions	Monitoring Dashboard						
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		• JTA	· ·						

3. Go to myrealm.

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View changes and restarts	Home >Summary of Security Realms								
Click the Lock & Edit button to modify, add or delate items in this domain	Summary of Security Realms								
Lock & Edit Release Configuration	A security realm is a container for the mechanisms-including users, groups, security realms in a WebLogic Server domain, but only one can be set as the default (active) r This Security Realms page lists each security realm that has been configured in this W	roles, security policies, and security providersthat are used to protect WebLogic resources. You can have multiple secu realm. WebLogic Server domain. Click the name of the realm to explore and configure that realm.	urity						
Domain Structure									
Environment									
Deployments Services	Realms (Filtered - More Columns Exist)								
Security Realms	Click the Lock & Edit button in the Change Center to activate all the buttons on this p	page.							
-Diagnostics	New Delete	Showing 1 to 1 of 1 Previous	is Next						
	🔲 Name 🏟	Default Realm							
	myrealm	true							
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How do I 🗉									
Configure new security realms									
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System Status									
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4. Go to the tab providers.

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Release Configuration	General RDBMS Security Store User Lockout	Performance								
Domain Structure	Click the Lock & Edit button in the Change Center	r to modify the settings on this page.								
host_domain	Save									
Deployments										
Services Services	Use this page to configure the general behavior of	f this security realm.								
Interoperability	Note: If you are implementing security using 3A	CC (Java Authorization Contract for Containers as del	fined in JSR 115), you must use the DD Only security model. Other WebLogic Server models are not available							
E∃ Diagnostics	and the security functions for Web applications and EIBs in the Administration Console are disabled.									
	Name:	myrealm	The name of this security realm. More Info							
	6 Security Model Default:	DD Only •	Specifies the default security model for Web applications or EJBs that are secured by this security realm. You can override this default during deployment. More Info							
	🕑 🚝 Combined Role Mapping Enabled		Determines how the role mappings in the Enterprise Application, Web application,							
How do I			and LJB containers interact. This setting is valid only for Web applications and LJBs that use the Advanced security model and that initialize roles from deployment dependence. Many Ldbs							
 Manage security for Web applications and EJBs 			descriptors. More into							
Set the default security model	Set the default security model 🖉 🤀 Use Authorization Providers to Protect JHX Access Configures the Weblagic Server XIBean servers to use the security realm's Authorization graviders to determine whether a JWX client base servers to use the security realm's Authorization graviders to determine whether a JWX client base servers to use the security realm's Authorization graviders to determine whether a JWX client base servers to use the security realm's Authorization graviders to a security realm's Authorization graviders to a security realm's Authorization graviders to a security realm's Authorization graviders and the security realmy and the security an									
Delegate MBean authorization to the realm			an MBean attribute or invoke an MBean operation. More Info							
System Status	- Advanced									
Health of Running Servers										
Failed (0)	Click the Lock & Edit button in the Change Center	r to modify the settings on this page.								
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5. Click on lock and edit button. After that New button will be enabled. Create a new provider, by clicking on New button.

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Domain Structure host_domain IP Environment IP Services IP Services IP Interoperability IP Diagnostics	A standardization provider allows vieticular serves to database in traff of visionships a later for that have out Authentication provider in a security ream, and you can domigue multiple multiple multiple auto- allows you to work with users and groups from previous releases of WebLogic Server. C customize this table Authentication Providers Showing 1 to	trenication providers in tion provider that
	Name Description Ver	rsion
	OUDINS Provider that performs LDAP authentication 1.0	
	080x_000 Provider that performs LDAP authentication 1.0	
How do I	ODAuthenticator Provider that performs LDAP authentication 1.0 Default/Authenticator Webl opic Authentication Provider 10	
Configure Authentication and Identity Assertion providers	DefaultidentityAsserter WebLogic Identity Assertion provider 1.0	
Configure the Password Validation provider	New Delete Reorder Showing 1 to	5 of 5 Previous Next
Manage security providers		
Set the JAAS control flag Re-order Authentication providers		
System Status		+

6. Enter the name for the provider and the type of the provider. And click on Ok button.

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No pending changes exist. Click the Release Configuration button to allow others to edit the	Create a New Authentication Provider
domain.	OK. Cancel
Release Configuration	Create a new Authentication Provider
Denuis Chantan	The following properties will be used to identify your new Authentication Provider.
host domain	- indicates required news
Environment Deploymente	The name of the authentication provider.
Services	* Name: OBDXOUD
-Interoperability	
■ Diagnostics	Ins is the type of autoenceaon provider you wish to create.
	Type:
	OK Cancel

7. You will see the new added provider on the bottom. Click on reorder button, to reorder the providers and make OUD provider on the top. Click on Ok button to save changes. You will see the OUD provider on the top (for SOA make OUD on second priority i.e., after OIDAuthenticator).

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View changes and restarts	Home >Summary of Security Realms >myrealm >Providers	
Pending changes exist. They must be activated to take effect.	Reorder Authentication Providers	
Activate Changes	OK Cancel	
Undo All Changes	Reorder Authentication Providers	
Domain Structure	You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the authentication sequence.	
host, Somain B - Environment I - Delyoyments B - Services I - Services I - Intercoperability B - Diagnostics	Select authenticator(s) in the list and use arrows to move them up and down in the list.	
How do I 🖂	OK	
Re-order Authentication providers Set the JAAS control flag		
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View changes and restarts	Home >Summary of Security Realms >myrealm >Providers
Pending changes exist. They must be activated to take effect.	Reorder Authentication Providers
Activate Changes	OK
Undo All Changes	Reorder Authentication Providers
Domain Structure	You can reorder your Authentication Providers using the list below. By reordering Authentication Providers, you can alter the authentication sequence.
host_Gomain ¹ Environment ¹ Oeloyments ¹ Services ¹ Services ¹ Interoperability ¹ Diagnostics	Select authenticator(s) in the list and use arrows to move them up and down in the list.
How do I	Cancel
Re-order Authentication providers	
Set the JAAS control flag	
System Status	
Health of Running Servers	
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8. Click on OUD provider and go to configurations tab and set control flag to sufficient and save changes.

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Pending changes exist. They must be activated	Settings for myre	ealm											
Activate Changes	Configuration	Users and Groups Ro	les and Policies	Credential Mapp	ings Provider	s Migrat	ion						
Undo All Changes	Authentication	Password Validation	Authorization	Adjudication	Role Mapping	Auditing	Credential Mapping	Certification Path	Keystores				- 18
Domain Structure host_domain © Environment Polycyments © Services © Services © Services © Intercoperability © Diagnostics	An Authenticatia a security realm allows you to w Customize thi Authentication New Delete	on provider allows Webb n. Different types of Auti ork with users and grou is table n Providers I Reorder	ogic Server to es nentication provid ps from previous	tablish trust by val ers are designed t releases of WebLo	idating a user. Yı o access differen gic Server.	u must ha : data store	ve one Authentication s, such as LDAP serv	provider in a securit	y realm, and y	ou can configure m e a Realm Adapter A Sho	ultiple Authenti authentication p wing 1 to 6 of 1	cation provide provider that 6 Previous	rs in Next
	Name		Description	n								Version	
	SAML 2.0 Identity Assertion Provider. Supports Security Assertion Markup Language v2.0.							1.0	_				
	OUDINS		Provider th	at performs LDAP	authentication							1.0	
How do I 😑	OBDX_OU	D	Provider th	at performs LDAP	authentication							1.0	_
Configure Authentication and Identity	OIDAuther	nticator	Provider th	at performs LDAP	authentication							1.0	- 11
Configure the Password Validation provider	DefaultAut	thenticator	WebLogic	Authentication Pro	vider							1.0	
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 Set the JAAS control flag 	New Delete	Reorder								Sho	wing 1 to 6 of	6 Previous	Next
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Pending changes exist. They must be activated	Settings for OBDXOUD		
Activate Changes	Configuration Management	Migration	
Undo All Changes	Common Provider Specific		
Domain Structure	Save		
host_domain	This page displays basic informa	tion about this iPlanet Authentication provider. You can also use this page to set the JAAS	Control Flag to control how this provider is used in the login sequence.
E Security Realms	👘 Name:	OBDXOUD	The name of this iPlanet Authentication provider. More Info
 Interoperability Diagnostics 	i Description:	Provider that performs LDAP authentication	A short description of this iPlanet Authentication provider. More Info
	👍 Version:	1.0	The version number of this iPlanet Authentication provider. More Info
	👸 Control Flag:	SUFFICIENT	Specifies how this iPlanet Authentication provider fits into the login sequence. More Info
How do I	Save		
Configure Authentication and Identity Assertion providers			
Set the JAAS control flag			
Configure the Password Validation provider			
 Manage security providers 			
System Status			
Health of Running Servers			

9. Click on provider specific tab to enter details of the OUD. Such as host, port, principal credentials, user base DN, group base DN etc. and save changes. Restart all servers for this configuration to take effect.

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Pending changes exist. They must be activated	Settings for OBDXOUD		
Activate Changes	Configuration Management M	ligration	
Undo All Changes	Common Provider Specific		
Domain Structure	Save		
host_domain B Environment Deployments	This page displays basic information	about this iPlanet Authentication provider. You can also use this page to set the JAAS Co	ntrol Flag to control how this provider is used in the login sequence.
 Services Security Realms 	🛃 Name:	OBDXOUD	The name of this iPlanet Authentication provider. More Info
Interoperability Interoperability Interoperability	E Description:	Provider that performs LDAP authentication	A short description of this iPlanet Authentication provider. More Info
	街 Version:	1.0	The version number of this iPlanet Authentication provider. More Info
	🚰 Control Flag:	SUFFICIENT V	Specifies how this iPlanet Authentication provider fits into the login sequence. More Info
How do I	Save		
Configure Authentication and Identity Assertion providers			
Set the JAAS control flag			
Configure the Password Validation provider			
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Change Center	Home Log Out Preferences A Record Help	Welcome, weblogic Connected to: host_domain
View changes and restarts	Home >Summary of Security Realms >myrealm >Providers >OEDXOUD >Providers >OEDXOUD >Providers >OBDXOUD	
Pending changes exist. They must be activated to take effect.	Settings for OBDXOUD	
Activate Changes	Configuration Management Migration	
Undo All Changes	Common Provider Specific	
Domain Structure	Save	
host_domain	Use this page to define the provider specific configuration for this iPlanet Authentication provider. Connection	name or IP address of the LDAP server. More Info
	d∰ Port: The port	number on which the LDAP server is listening. More Info
	d∰ Principal: The Dist connect	inguished Name (DN) of the LDAP user that WebLogic Server should use to to the LDAP server. More Info
line de t	Credential: The cred	Iential (usually a password) used to connect to the LDAP server. More
Configure Authentication and Identity Assertion providers	Confirm Credential:	
Manage security providers	Specified Specified Specified	whether the SSL protocol should be used when connecting to the LDAP More Info
System Status	- Users	
Health of Running Servers	و الله الله الله الله الله الله الله الل	e distinguished name (DN) of the tree in the LDAP directory that contains More Info
Failed (0) Critical (0) Overloaded (0)	الله المعالم ال المعالم المعالم	tribute (user object class) is not specified (that is, if the attribute is null or a default search filter is created based on the user schema. More Info

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🔢 Apps 📙 OBP 2.4 📃 OBP 2.3 📙 GN 📙 OBP 2.5 🥃 Form on BACKUP_DE 🧕 Dashboard [Jenkir	ns] 🖸 B-QA 🧧 LZ-S 🎦 soa-comp	{O grok 🏆 Central-JIRA 🗖 ZigBank - Product 🦄 sonar 🧧 LZ-IT 🛛 😕
個日 User Object Class:	person	The LDAP object class that stores users. More Info
🗌 🎼 Use Retrieved User Name as Principal		Specifies whether or not the user name retrieved from the LDAP server should be used as the Principal in the Subject. More Info
- Groups		
委員 Group Base DN:	·····	The base distinguished name (DN) of the tree in the LDAP directory that contains groups. More Info
n All Groups Filter:		An LDAP search filter for finding all groups beneath the base group distinguished name (DN). If the attribute is not specified (that is, if the attribute is null or empty), a default search filter is created based on the Group schema. More Info
👩 Group From Name Filter:	(l(&(cn=%g)(objectclass=gro	An LDAP search filter for finding a group given the name of the group. If the attribute is not specified (that is, if the attribute is null or empty), a default search filter is created based on the group schema. More Info
생 튼] Group Search Scope:	subtree V	Specifies how deep in the LDAP directory tree to search for groups. Valid values are subtree and onelevel. More Info
武] Group Hembership Searching:	unlimited v	Specifies whether group searches into nested groups are unlimited or limited. Valid values are unlimited and limited. More Info
😰 Max Group Hembership Search Level:	0	Specifies how many levels of group membership can be searched. This setting is valid only if GroupMembershipSearching is set to limited. Valid values are 0 and positive integers. For example, 0 indicates only direct group memberships will be found, and a positive number indicates the number of levels to search. More Info
🔲 👸 Ignore Duplicate Membership		Determines whether duplicate members are ignored when adding groups. The attribute cycles in the Group membership. More Info
- Static Groups		
đ <mark>문</mark> Static Group Name Attribute:	cn	The attribute of a static LDAP group object that specifies the name of the group. More Info
武臣 Static Group Object Class:	groupofuniquenames	The name of the LDAP object class that stores static groups. More Info
🚒 Static Member DN Attribute:	uniquemember	The attribute of a static LDAP group object that specifies the distinguished names

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	街 Connection Retry Limit:	1	Specifies the number of times to attempt to connect to the LDAP server if the init connection failed. More Info
	Parallel Connect Delay:	0	The delay in seconds when making concurrent attempts to connect to multiple LI servers. More Info
	🛃 Results Time Limit:	0	The maximum number of milliseconds for the LDAP server to wait for results before timing out. If this attribute is set to 0, there is no maximum time limit. More Inf
	🔲 🏭 Keep Alive Enabled		Specifies whether to prevent LDAP connections from timing out. More Info
	🗹 🛃 Follow Referrals		Specifies that a search for a user or group within the LDAP Authentication provid will follow referrals to other LDAP servers or branches within the LDAP directory. default, this attribute is enabled. More Info
	🗐 🚜 Bind Anonymously On Referrals		By default, the LDAP Authentication provider uses the same DN and password us to connect to the LDAP server when following referrals during a search. If you wa to connect as an anonymous user, enable this attribute. More Info
	Cause For Login Exception		Specifies whether the providers should propagate the cause of the LoginException. More Info
	🗹 🚓 Cache Enabled		Specifies whether a cache is used with the LDAP server More Info
	🛃 Cache Size:	32	The size of the cache (in kilobytes) that is used with the LDAP server More Info
	6 <mark>日</mark> Cache TTL:	60	The time-to-live of the cache (in seconds) that is used with the LDAP server $\mbox{Mo}\xspace$ Info
	🕂 GUID Attribute:	nsuniqueid	Specifies the name of the GUID attribute defined in the Sun iPlanet Directory LDA server. The default value is nsuniqueid. More Info
	Save		

5. **Product configuration**

To enable the products execute the following script.

Update DIGX_OR_PRODUCT_TYPE set STATUS = 'ACTIVE' where ID IN ('SAVINGSH1', 'CHECKINGH1', 'TERMDEPOSITH1', 'CREDITCARDH1', 'AUTOLOANH1', 'AUTOLOANH1', 'PERSONALLOANH1', 'MORTGAGELOANH1', 'MORTGAGELOANIPAH1');

This will enable the savings, checking, term deposits, credit cards, auto loans, personal loans, mortgage loans and in principal approval (for mortgage loans) products.

6. Credential mapping for anonymous access

Please refer to the document <u>Oracle Banking APIs Origination Web service Username Token</u> <u>Configuration.docx</u> for "*Anonymous user configuration*".

This will add the security policy, policy key and credentials for anonymous user.