# Line Origination Setup Guide Oracle Financial Services Lending and Leasing

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# 1. Navigation

This document provides an overview of the basic template, navigation, common operations that can be performed, and keyboard short cuts available in Oracle Financial Services Lending and Leasing. Since this section details the general options available in the User Interface, some or all the parts of this section are applicable to you as per access provisions & licensing.

The document is organized into below topics:

- Logging In
- Template and Navigation
- Common Operations
- Hot Keys

#### Note

The application can be best viewed in 1280 x 1024 screen resolution.

## 1.1 <u>Audience</u>

This document is intended to all Prospective Users who would be working on the application.

## 1.2 Conventions Used

Term	Refers to
The system/application	Oracle Financial Services Lending and Leasing
Mnemonic	The underlined character of the tab or button

## 1.3 Logging In

The pre-requisites to log into the system are a valid user ID and a password, defined by the system administrator in Administration > User screen.

You can login to the system using a valid user ID and a password defined by the system administrator, in Administration > User screen. A User ID is disabled automatically by the system if it is inactive for a specified number of days.

When you invoke the application, the Sign In screen is displayed.

- User ID Specify a valid User ID.
- **Password** Specify a valid password for the specified User ID.

The system accepts the User ID and password in upper case only. After specifying valid credentials, click **Sign In** to sign into the application.

## 1.4 <u>Template and Navigation</u>

This section provides a brief input on the template and navigation of the system. Details are grouped into two categories to enable easy understanding. These include:



- Home screen
- Screens

#### 1.4.1 <u>Home Screen</u>

Once you login to the application with valid credentials, the system authenticates the details and displays the Home screen.

The Home screen consists of the following components:

- Header
- Left Pane
- Right Pane/Work Area

**ORACLE** Financial Services Lending and Leasing

You can view the application version details and copyright information by clicking **About** link at the right bottom corner of the screen.

iearch menuj	
DashBoard	About ×
Ducificand Ducificand Liters inductivity System Hentor Produce Analysis Process Files	Order Francel Services Londrog and Learns (1-3.10.0)         Addr Ords (1-3.1.3.1.0) Japas         Copyright O 1990.2017, Oracle and and/or ball Halles. All rights in an inflate. All rights in a single in trademists of Theories Interview of the i
- Origination	This software or hardware and documentation may provide access to or information on content, products and services from third parties. Cractic Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to bind party content, products, and services. Cractic Corporation and
> Servicing > Collections	its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.
WFP	Look Look
Tools	

#### Header

In the Header, system displays the following:



🛔 Welcome, VAVAIDYA 👻 🛐 Sion Qut [QA]

• **User ID** that you have currently logged/Signed in. Click the adjoining drop-down arrow, the system displays the following options:



- Change Password – Click to change the current password.

RACLE Financial Services Ler	ding and Leasing	G Weiner, WARDA +	19
		2016	
behoed (			
Origination			
J Oppmer J Oppmer Seek Soft Seek Soft Seek Soft Node Node Node National Automatic National Automatic Somewhells Somewhell Somewhell Somewhell Somewhell National Node National Natio	1	tak faceforencelosed ong forebrand final data final dat	
Servidag			
Collectors			
NP .			
) Tools			
0 Setup			

Specify the current password in the **Current Password** field and a valid password, you wish to maintain as a new password, in the **New Password** field. Re-enter the password in **Confirm Password** field and click **Submit** to change the password.

User Info – Click to view the current user info.

ser Info					
Organization	DMC			USER TIME ZONE	•
Division	US01		Level		
First Name	VARSHA		User Time Zone		
Last Name	VAIDYA			US/CENTRAL (CENTRAL STANDARD	1
Responsibility	SUPERUSER		Branch Time Zone	(IME)	
GL Post Date	02/10/2016		and the second sec	ASIA/CALCUTTA (INDIA STANDARI	n.
Last Login Date	02/10/2016 03	:21:07 AM		TIME)	2
Session Language	DEFAULT	Y	Skin Family	Skyros (Default)	
Debug Enabled Ind					
			Submit 🕺	<u>Close</u>	
					_

In this screen, apart from viewing the user info, you can also set Session Language, enable error log, and specify the time zone preference.

**Session Language** – Select a language that you need to set for the session, from the drop-down list.

**Debug Enabled Ind** – Check this box to enable the debug indicator.

On selection, system records all the debugs into logs files depending on the following two types of system parameters:

System Parameter	Condition to record debug data
CMN_DEBUG_METHOD	If parameter value is 1, then debug data is recorded into a file in Database Server.
	If parameter value is 4, then debug data is recorded into the table LOG_FILES_HEADER.
CMN_DEBUG_LEVEL	If parameter value is greater than 0, only then the debug data is recorded.



The debug data can be viewed from Dashboard > System Monitor > Database Server Log Files.

You can click on I List Files button to view the list of logged files.

DashBoard $\times$	Syst	tem Monit	or ×					×
Batch Jobs	Jobs	Services	Database	e Server Log F	Files Parked T	ransactions Users		
Databas	o Con	or Log	iloc					
			Freeze	Detach	لي Wrap	🚱 📑 List Files 🛛 🔂 Dowr	nload File	
File Nam	ne					File Type	File Size File Time	
JSVPRC	_EN_000	_01_DB120	_2084400			lob	5706 02/18/2016 06:14:11 /	- 14
ALERT						lob	395 02/22/2016 03:59:16 /	41
CSVPRC	_EN_10	0_01_DB12	_3794335			lob	6390 02/22/2016 04:53:00 A	AP.
CSVPRC	_EN_10	0_01_DB12	_3854338			lob	116750 02/22/2016 05:36:42 /	40
JSVPRC	_EN_000	_01_DB120	_2094362			lob	5706 02/18/2016 10:57:09 A	+ ¶
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Click on Show File button to view the selected file contents in the 'File Content' section. You can also click **Download File** button to extract a copy of debug details.

**Time Zone Level** - Select the time zone preference as User/Company Branch/ Application Server Time Zone from the adjoining options list.

For more details on time zone selection, refer to Time Zone Preference section of this user manual.

Click Submit to save the changes or Close to close the screen without changes.

Accessibility – Click the link to view accessibility features of the system.

Refer accessibility document for further details.

 NextGenUI - This is Next Generation User Interface option which is an enhanced interface provided in OFSLL using the Oracle JavaScript Extension Toolkit (Oracle JET) frame work. This is an additional interface supported from OFSLL to the existing system and both intended to coexist in the system till further updates.

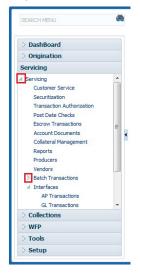
This option is enabled only if the corresponding system parameter is enabled in the base system as configured by your system administrator. For more information, refer to 'Appendix - Oracle JET Interface' section in Servicing guide.

Sign Out – Click the link to sign off from the application. You can also click on sign off from the application.



#### Left Window

In the left pane, system lists and provides drop-down links for various modules available in the product. Click  $\triangleright$  to expand the Module Master Tabs and  $\checkmark$  to collapse them.



To open a screen, navigate to Module Master Tab to which the screen belongs, expand the tabs, and click the screen link you wish to open.

#### Menu Search in Left Window

In the left window you can make use of the search option to directly search and open the screen that you are familiar with, and avoid multiple steps of navigation from the LHS menu.

The Search box in the LHS facilitates for an intuitive search of required screens in Oracle Financial Services Lending and Leasing. For example, on typing the first letter of the screen, the search box displays a list of all available screens starting with the letter entered in alphabetical order. You can click on the required screen and press 'Enter'. The screen is displayed in the main window/work area.

	Access x		
olication Retrieval(Origination) olication Documents(Origination) xet Types(Setup Products)	Deta Screen Reports Correspondence Transaction Access Grid	4	🖌 Add 🖉 Edit 📄 Wew 🛛 🖋 Ayr
ount Documents(Servicing)	View 🔻 Format 🔻 📑 Freeze 🚮 Detach 📣 Wrap 🙌		
cess(Setup User)	Organization Division	Company	Branch Allowed
Transactions(Servicing Interfaces)	DMC US01	ALL	ALL Y
plication Entry(Origination)	DMC NL02	ALL	ALL Y
dit Tables(Setup System)	DMC SA03	ALL	ALL Y
vances(Servicing Batch Transactions)	DMC JP04	ALL	ALL Y
Origination			
Servicing			
Servicing Collections			
Origination Servicing Collections WFP Tools			

When there are multiple matches with same screen name, you can filter the results through the module from which the screen is accessed which is indicated in angular brackets. For example typing 'VEN' displays the following options for selection - Vendors(Collections), Vendors(Origination), Vendors(Servicing), Vendors(Setup System). For subsequent search, you need to clear the data in the search field.



#### **Right Window**

The Right Window can also be termed as work area. When you click the screen link on left pane, system displays the corresponding screen in the right pane.

DashBoard	Sales L	ead ×														*
rigination	Lead B	Entry Follow-U	p Maintenance													
Origination Sales Lead Application Entry Application Entry Underwriting Fynding Application Retrieval Scenario Analysis Application Documents Image Haintenance Reports Producers Vendorn	View Let Let Let Let Let Let Let Let Let	licant Inform v - Format - ad # 00003002 00003002 00002004 00002004 00004004 00005002	Lead Dt 12/15/2015 12/17/2015 12/17/2015 12/12/2015 12/12/2015 12/12/2015 12/19/2015 12/19/2015 12/23/2015	Detach Company NL02 US01 US01 US01 US01 US01 US01 US01	dull Wrap Branch NLHQ USHQ USHQ USHQ USHQ USHQ USHQ	RC TE BO PH BO NI	OND IANINDRA DREN ITIN IDRES	Last Name BLACK TEST LAST NAME JAMES CHODA ROBERT JOSHI HARTINEZ SAM	Birth Dt 12/08/1987 01/01/1990 01/01/1997 10/10/1982 12/01/1970 07/25/1988 08/06/1989 11/11/1991	Channel CONSULTATION ESTATE AGENT WEB CONSULTATION WEB CONSULTATION CONSULTATION OTHERS	Source Web ENTRY FAX IN WEB ENTRY WEB ENTRY WEB ENTRY WEB ENTRY WEB ENTRY	Type HONE RELATIVE HONE HONE HONE HONE HONE	Country URITED S UNITED S UNITED S UNITED S UNITED S UNITED S	TATES STATES STATES STATES STATES STATES	dit ¥iew Address # 813 W 1000 09090 ADD1 LEAD ENTRY 123	Audit City JUNC BOTH JUNC COAM LOIZA PONC
	Tele	coms Commer														
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iervicing Jollections YFP	Tel	lecom Inforn iew • Format • Telecom Type	nation		qil Wrap	নগ্র							<mark>-∯-</mark> <u>A</u> dd		Phone Current	🖌 Aydit

You can open a maximum of 15 screens at a go. Once the maximum limit is reached, the system displays an error message.

DashBoard	K x Transaction Authorization x Post Date Checks x Escrew Transactions x Account Documents x Collateral Management x Reports x Producers x Advances x Payments x Pees x AP Transactions x GL Transactions	× >
Origination	Authorization Authorization History Review Requests (Pending: 0)	
arvicing		
Servicing	Transactions	Audit
Customer Service	View 👻 Format 🗸 🔯 🔟 Freeze 🚮 Detach 🧔 Wrap 🐉 🖲 Checker 🖉 Maker 🔅 Both 💿 1 Day 💿 2 Days 💿 5 Days 🖉 All Days View Failed 📃 🚳 Post 🥁 Void	
Securitization	Account # Twn Dt Transaction Status Haker Initiated Dt Checker Authorized Dt Comments	
Transaction Authorization	20150200010030:KARTHIK RAGHAVEN. 02/10/2016 ACCOUNT CLOSE ERROR VIBHATIA 02/10/2016 UNDEFINED	
Post Date Checks Escrow Transactions	2012/00001058/IRR/WIY FAUL, PAULA 02/09/2016 CHARGED OFF ERROR VEROUTHU 02/09/2016 UNDEFINED 2010/02/01/2014 UNDEFINED 2010/2014/2014/2014/2014/2014/2014/2014/	
Account Documents	20160100014006/000 SUMAN 02/09/2016 CHARGED OFF ERICK VERICITIED 01/09/2016 ORDEFINED	
Collateral Management		
Reports	Parameters	
Producers	View - Format - 🔝 🔟 Preeze 🚮 Detach 🚽 Wrap	
Producers Vendors Batch Transactions Advances	Parameter Value Required	
	TANINGCO POLICIA POLIC	
Payments Fees Interfaces AP Transactions GL Transactions CASA Reconcillation Conversion Accounts	Transaction Processing Details     View Tomat      Difference Control of United States     Difference Control of Control of United States     Difference Control of Control	
Collections WFP		
Tools		

Each active screen is displayed as a tab at the top of right pane, across its width. To view a screen, click the screen tab. You can identify the active screen with its white background. Also, operation on any of the screen will not affect the data in other screens.

You can also open multiple Applications at the same time as separate tabs in the right window, provided your system administrator has enabled the option 'Mac\_Multi\_tab\_Ind' = 'Y' in MENU\_ACCESS table.

Having this option enabled you can view and update a maximum of 15 Applications in parallel tabs and Oracle Financial Services Lending and Leasing renders dynamic data across all the opened tabs.

However, this option is restricted only to the following screens in Origination Module Master Tab. In the Left Menu of Origination Module Master Tab, you can open multiple applications by clicking on the following links. Each successive click, opens a new Origination tab.

- Simple Application Entry
- Application Entry
- Underwriting



#### • Funding

ACLE inancial Services Lenc	ling and Leasin	g							🛔 Welcome, J	ABSHEKAR 👻 🥰 Sign Q
ARCH MENU	Origination X Origina	ition x Origination	× Origination ×	1						a
1	Search/Task Fundin	ng: 0000001010	Review Requests (Pe	nding: 0)						
DashBoard	Application: 00									View 🖌 Audit
rigination Salar Lead	View • Format •	App #	Sub Unit	Wrap 🔂 O	Origination Stage Code	Producer Name	Producer Contact Number	Existing Customer	Duplicate Applic	ation Contact
Simple Application Entry Application Entry	07/26/2016	0000001010	UNDEFINED	APPROVED - FUND		MN-00004 : SOUT		N	Y	
Application Life y Linderwithing Funding Application Retrieval Scenario Analysis Application Documents Image Maintenance Reports Producers Vendors	Summary Apple Applicant Relation T PRIMARY	rpe i	ision Contract	Collateral Comments	Tracking Docum	ent Verification C Lest Name MILLEN	orrespondence Tool	ls Birth D 07/17/		wn / Rented NDEFINED
	Ratios									
	Grade				Score	What If Pmt Ar			abilities (-)	Net-Worth Amt
					0	0.1	00	0.00	0.00	0.00
	×									
iervicing	▲ Bureau									
							1			
collections	<b>⊿</b> Bureau	Report	Name	FICO Score		# Auto Tradelin	es # Open Auto Tradeines #	BKP Notices (	LIFE) Type	Dt
Servicing Sollections VFP Gols	⊿ Bureau Bureau		Name PORT JONATHA			₹ Auto Tradelin 1		BKP Notices () 0	LIFE) Type MANUAL	Dt 07/26,

Few screens in Origination are identical and are linked. Hence, when multi tab option is not enabled, you can open only one screen at a time from the group. A sample of the grouping structure is given below, based on stages of the screens:

#### **Origination**:

- Simple Application Entry
- Application Entry
- Underwriting
- Funding

As per the above listing, you will be able to open only one screen in the corresponding list and need to close the same to open any other screen.

#### **Right Splitter/Action Window**

The Right Splitter/Action Window has quick access to search and other options to avoid switching between tabs or navigating into sub tabs periodically. You can access the Right Splitter/Action Window while working on an Application or Customer Service screens. You can click 4 and 5 to toggle the view of Right Splitter/Action Window.



#### **Origination Screens**

In Origination > Application screens, you can use the Right Splitter/Action Window to do the following:

DashBoard	0	rigination ×									l.
rigination		Search/Task Funding	: 000000378	Review Requests (Pr	ending: 0)						*
Origination Sales Lead Simple Application Entry Application Entry		Application: 000 View - Format -				de OK 🖌 Warning OK	•		View	<b>√</b> A <u>u</u> dit	App #
Underwriting Funding		Dt	App #	Sub Unit	Status	Origination Stage Code	Producer Name	Prc Co Existing Customer Nu	Duplicate Application	Contact	Identification
Application Retrieval Scenario Analysis		01/01/2012	0000000378	UNDEFINED	APPROVED - FUNDED	FUNDED	GA-00004 : ADVANCE LEA		N		⊿ Summary
Application Documents Image Maintenance Report Producers Vendors	1	Summary Applica > Applicant > Ratios	nt Request De	cision Contract	Collateral Comments T	fracking Document 1	Venfication Correspondence	e Tools			Requested         Approved           Advance         15,000.00         15,000.00           Rate         8,3900         4,9900           Term         36         36           Grade         DGRADE         Score         0           LTV1         150.00         11V2         150.00           State 277.354         Stated After DTS8.92         50.00           State 277.354         Stated After DTS8.92         50.00           Asset Dez:         2012 CHEVROLET MONTE CARL         State SCORE CARL
		Bureau									2DR Queue FUNDED APPLICATIONS QUEUE
		<ul> <li>&gt; Checklist</li> <li>✓ Collateral</li> <li>Collateral</li> </ul>									
iervicing		> Checklist	Sut	р Туре R	Primary Year Y 2012	Make CHEVROLET	Model	Milesge New 0 N	Wholesale Value		Queue FUNDED APPLICATIONS QUEUE
servicing		Collateral Collateral Asset Type					Model MONTE CARLO		Wholesale Value 10,000.00		Queue FURED APPLICATIONS QUEUE Change Status Status APPROVED - FUNDED Change Status Add Comment
		Collateral Collateral Asset Type									Quere PURCED APPLICATIONS QUEUE Change Status Status APPROVED - FUIDED Change Status Add Comment Alat

- Use **Quick Search** to search for an application based on application number, last 4 digits of SSN (SSN of the primary applicant) or identification number. If multiple applications or accounts are found during 'Identification #' search, the system displays an error message as "Multiple Matches found for the Identification #, Please use normal Search".
- Summary section displays critical information that has to be referred repeatedly during origination like – DTI, PTI, Book Value, Grade, FICO Score, Approved Advance, Rate and Term.
- Use **Change Status** section to change the application status to next level. If the application edit status is restricted, then the 'Change Status' will be read-only.
- Use **Add Comment** section to post an alert or comment during Underwriting and Funding stages.

For detailed information on the above options, refer to respective sections in the document.

#### Servicing and Collection Screens

In Servicing and Collection > Customer Service screens, you can use the Right Splitter/Action Window to do the following:

mer Service ×																
Customer	Service: 201701000	10097 Review	Request (Pending: 0)	Queue Assignment												
													d Quick S			
ount(s): 20	170100010097:											📃 Yew 🖌	Aucht	Acc #		
w + Format +	Freeze	Detach .	y Wrap 🚱	A @ Current (	Show All () Group Follow-up								Cust	omer Id		
ompany	Branch	Sub Unit	Account #	Product	Days Past Due	urrency	Pay Off Amt	Amount Due St			Oldest Due I	Dt DLQ Reason		SSN		
501	USHQ	UNDEFINED	2017010001009	7 LOAN VEHICLE (	FR) 207	ISD	15,381.55	2,900.21	CTIVE DELQ:REPO		02/30/2017	1ST PAYMENT	DEL Identific	ation #		
															Submit	Ø Clear
nmary Collec	tions Oustomer Serv	ice Account Det	als Oustomer Deta	is Customer Prefer	moes Transaction History Pmt Modes	Bankruptcy Rep	po/Foredosure Deficien	cy Collateral Bu	reau Timeline Cros	s/Up Sell Activities	External Interfaces		-			
													Queue/O	ndition		
4 Alerts						A Conditio	ns							ato Run 🛅		
lerts						Condition									Next Account	
Alert						Account C					Condition Start Dt	Followup Dt				
o data to display						REPOSSES					08/22/2017	08/22/2017			Elitered Account	
						DELINQUE					02/28/2017	08/18/2017	Add Co	mment		
														Nert III		
													E	ype REGULA	R 🔳	
													* Sub 1	ND*		
Account De	tails					🔟 Other In	formation						Com			
lues							Information									
09/10/2017 490.03	08/10/2017 450.03	07/10/2017 450.03	06/10/2017 490.03	05/10/2017		Primary	Description 2005 CHEVROLET MC		Identification # 284GP45G D/R3782	Year Asset	Class Asset Type VEHICLE	Sub Type CAR				
430.03	450.03	430.03	450.05	1,000.12			2006 CHEINOLEI INC	UNIECANDO 20K	2040-4931043762	52 2006 HEW	VEHICLE	CAR				
	Delg Due 2,900.21		Todays Payoff	15,381.55	Amt Paid Excess 0.00										_	4
	LC Due 157.50		Future Payoff		Memo Excess Amount 0.00		Information								Post Comment	🕜 Cles
	NSF Due 0.00		Future Payoff Date		Paid Term 0	Customer	Name	Relation	SSN	National ID	Birth Dt	Gender	Add Ca	I Activity		
	Other Due 0.00 Total Due 3.057.71		Future Pmt Dt		Remaining Term 36		MACHAN ORACLE	PRIMARY	xx-xxx-3123	0	03/25/1985	UNDEFINED		Action		-
			Oldest Due Dt	02/10/2017	Days to Time Bar 36150	٠						P.		Result	5	
	Information 60 90													Contact		
Late 30	60 90 1 1		150 180	Category Days 180 207			Email EDW.SIRSI@GM anguage ENGLISH	AAL.COM	Disability Y Skip N		Privacy Opt Out Y Ictive Military Duty N			Reason		
				200 207			al Status UNDEFINED	Step Cor	respondence N		Time Zone					1
Broken Promise		Kept Promises 0		NSP(Life) 0	Collector DEMOCOLL									mise Dt	13	
(Life Broken Promise		(Life) Kept Promises 0		NSF(fear) 0			nformation							ise Ant		
Crea		(Year)				Address 1								ondition		
						Type	Current Permission to Call	Mailing Address		Phone				Appn'nt 🛄		
ctivities						HOME	Y Y	Y 745 newyor	k MA-34038	(972)-866-33	78		* Pole	mup Dt	5	
	Active Dt 08/18/20		X-Ref	213	Charge Off Dt									ne Zone	2	•
Las	Drw Day 10	L/	Paid Off Dt		Miltary Duty N	Employme	ent Information							olowup		
													0	orment		
														11	Post Call Activity	4



- Use Quick Search to search for an account based on account number, or customer Id, or last 4 digits of SSN (SSN of the primary applicant) or identification number. If multiple applications or accounts are found during 'Identification #' search, the system displays an error message as "Multiple Matches found for the Identification #, Please use normal Search". You can also select the Queue Condition and Auto Run options during search. Clicking 'Next Account' button opens the subsequent account listed in search and clicking 'Filtered Account' opens the subsequent account fetched during a queue search and listed in Queue Assignment section.
- Use Add Comment section to post an alert or comment based on Type and Sub Type.
- Use Add Call Activity section to post all types of call activities including promise to pay, account conditions and so on, irrespective of the screen you are working on. This is similar to the option available in 'Call Activities sub tab' under Customer Service tab.

For detailed information on the above options, refer to respective sections in the document.

The height of Header and width of the Left and Right Panes do not change, with resizing of application screen.

The system facilitates toggling Header and Left and Right Panes of the home screen to increase the visible area of the screens. Click is to toggle upper pane and is to toggle left pane. To un-toggle click is and is respectively.

#### 1.4.1.1 <u>Time Zone Preference</u>

er Info					
Organization Division			Time Zone Level	USER TIME ZONE	۲
First Name	VARSHA		User Time Zone	UNDEFINED	
Last Name Responsibility	SUPERUSER		Company Branch Time Zone	US/CENTRAL (CENTRAL STANDARD TIME)	
GL Post Date Last Login Date	02/10/2016 02/10/2016 03	:21:07 AM		ASIA/CALCUTTA (INDIA STANDARD TIME)	
Session Language	DEFAULT	Ŧ	Skin Family	Skyros (Default)	
Debug Enabled Ind			Submit 🖇	<u>Close</u>	

You can select any of the following three time zones from the User Info screen:

- Application Server Time Zone
- Company Branch Time Zone
- User Time Zone

The time zones set up at each of these levels are displayed in the user info screen. However, data is always stored in the application server time zone and based on the user preference of time zone, the display time would be User or Company or Application Server time zone. Any time zone related changes done at UI does not impact the other time bound activities which are dependent on database time.

#### Application Server Time Zone (Server Time Zone)

The Application Server Time Zone by default is the Production Server Time Zone. Selecting this time zone will have all date and time fields defined as per the time stored in application server. There is no offset in time if both storage (database server) and display (application server) are in the same time zone.



#### **Company Branch Time Zone (Organization - Division Time Zone)**

This is the Company time zone and is setup at the organization - division definition level. The various divisions defined under an organization can be set up with different time zones depending on geographical locations. This time can be modified as per requirement.

To modify the Company Branch Time Zone:

- Navigate to Setup > Administration > User > Organization and select the company or division listed under 'Division Definition'.
- In the Display Formats tab, select Time Zone and click 'Edit'.
- In the Format field, select the required time zone from the adjoining options list and click 'Save'.

If 'Company Branch Time Zone' is selected as the time zone in User Info screen, then on save, all the time and date fields are automatically updated with the time zone of the company branch.

#### **User Time Zone**

User Time Zone or User Preference Time Zone can be set up at the User Level in the User Definition screen. Various Users under same divisions defined under an organization can be set up with different time zones depending on geographical locations.

To modify the User Time Zone:

- Navigate to Setup > Administration > User > Users.
- Select the required User record listed in "User Definition" section and click Edit.
- In the Time Zone field, select the required time zone from the adjoining options list and click **Save**.

If 'User Time Zone' is selected as the time zone in User Info screen, then on save, all the time and date fields are automatically updated with the current updated time.

#### 1.4.2 Screens

Details in few main screens are grouped into different sections. These sections are displayed as tabs, horizontally within the screen. In turn, details in few of these tabs are again grouped horizontally. The details are displayed when you click the tab under which they are grouped. As similar to the main screen tabs, you can identify the active tab with its white background.

For example, Customer Service main screen has four main tabs. When you click on 'Customer Service' tab, the corresponding tabs are displayed.

count(s): 201	20200010	231: YUTAKA OZAK	A / AKANE												<u>⊻</u> ie	w 🖋 A
ew 🔻 Format 👻	🛱 🔲 Fr				nt 🔘 Sł	iow All 🔘 Grou										
Company	Branch	Sub Unit	Account #	Product			Days Past Du			Pay Off		Amount Due				lest Due Dt
US01	USR1	UNDEFINED	20120200010	231 LEASE VEHIC	LE			0 USD			0.00	0.00	ACTIVE		02	(10/2015
	1.0									1						
nmary Custome	r Service	Account Details Customer	Details Tran	saction History Pr	t Modes	Bankruptcy	Repo/Foreclosure	Deficiency	Collateral	Bureau	Cross/Up Se	Il Activities				
all Activities	laintenance	Comments Promises C	hecklists Tra	cking Attributes R	eference	Correspond	dence Letters I	ocument Trac	king							
0-11 4-11-11-1												i	-R	🖉 Edit	<u>V</u> iew	A
Call Activities													📌 Add	Edit	<u></u> ⊻iew	🖋 Audit
View - Format	• 🗣 1	Freeze 🚮 Detach	↓ Wrap	62												
Action	Result	Contact	Reason	Ca	ncel Pr	omise Dt	Promise Amt	Condition		Appoint	Followup Dt		Time Zone	Ad	Followup Dt	C
AT	PH	ANSWERING MACHINE		N	1	2/30/2015	1,000.00	NONE		N	12/30/2015			12/	29/2015 12:	30:00 PM
AT	PH	ANSWERING MACHINE		N	1	2/30/2015	1,000.00	NONE		N	12/30/2015			12/	29/2015 12:	30:00 PM

You can click <u>w</u> to view the hidden tabs, if any.



## 1.5 <u>Common Operations</u>

Some of the operations are common to most of the screens. These are grouped into three categories, based on their features.

- Basic Operations
- Basic Actions
- Personalization Options
- De-supported Special characters
- Skip Zip Code Validation
- Export data to Excel

#### 1.5.1 Basic Operations

All the screens contain buttons to perform all or few of the basic operations. The four basic operations available are:

- Add
- Edit
- View
- Audit

-			
dd d	/ Edit	View	✓ A <u>u</u> dit

When you click any of the operation tabs, system displays the corresponding records inline, below the respective setup tables.

Basic Operation	Description
Add	Click to add a new record. When you click <b>Add</b> , the system displays a new record enabling you to specify the required data. It is mandatory to specify details for the fields marked with '*' symbol.
Edit	Click to edit an existing record. Select the record you want to edit and click 'Edit'. The system displays an existing record in editable mode. Edit the required details.
View	Click to view an existing record. Select the record you want to view and click 'View'. The system displays the record details in display mode.
Audit	Click to view audit info. If an audit is set for a field, then the system tracks the changes for that field. Select the record for which you want to view the audit info and click 'Audit'. The system displays the details tracked for that field.
Close	Click to close a screen or a record. When you try to close an unsaved, modified record, then the system alerts you with an error message. You can click 'Yes' to continue and 'No' to save the record.

The table below gives a snapshot of them:



### 1.5.2 Basic Actions

Most of the screens contain buttons to perform all or few of the basic actions.

All or few of these actions are enabled when you select any of the Basic Operations.

Save and Add 🕞 Save and Stay 🕞 Save and Return 🗘 Return

The table below gives a snapshot of them:

Basic Actions	Description
Save And Add	Click to save and add a new record. This button is displayed when you click 'Add' button.
Save and Stay	Click to save and remain in the same page. This button is displayed when you click 'Add/Edit' button.
Save And Return	Click to save and return to main screen. This button is displayed when you click 'Add' or 'Edit' buttons.
Return	Click to return to main screen without modifications. This button is displayed when you click 'Add', 'Edit' or 'View' buttons.

The summary screens consist of the following navigations. The table below gives a snapshot of them:

Basic Actions	Description
М	Click to navigate to the first record.
4	Click to navigate to the previous record.
	Click to navigate to the next record.
	Click to navigate the last record.

Along with the basic actions, the following buttons are available for specific actions. The table below gives a snapshot of them:

Basic Actions	Description
	Show File - Click to view the details of selected file.
12	List Files - Click to generate and view the list of files maintained in the system.
B	Download File - Click to download the details of selected data.



### 1.5.3 <u>Personalization Options</u>

You can personalize the data displayed in setup tables. Once personalized, system saves the settings for that User ID until next personalization.

View 🗸 Format 🖌 🔛 Freeze 🚮 Detach 🛛 🖓 Wrap 🚱

The table below gives a snapshot of them:

Options	Description					
View	Click to personalize your view. The drop-down list provides the following options of customization:					
	Customize columns you wish to view					
	<ul> <li>Sort the order of displayed data</li> </ul>					
	Reorder columns					
	Additionally, the drop-down list provides selection of options					
	adjoining 'View'.					
	Columns > Show All					
	Freeze V Product					
	Detach 🗸 Description					
	Sort V Start Dt					
	Reorder Columns					
	Query By Example Final Example Final Example					
	✓ Collateral Type					
	Collateral Sub Type     Credit Bureau Portfolio Type					
	Credit Bureau Account Type					
	Manage Columns					
Format	Click to resize columns or wrap a data in the table cells.					
Query by Example	Click to query for the data by an example. When this option is selected, the system displays an empty row above column heads. You can specify all or any of the details of the record you wish to query.					
Freeze	Select the column at which you need to freeze the table and click <b>Freeze</b> . Function is similar to the freeze option in MS excel.					



Options	Description							
Detach	Click to detach the setup table from the screen. An example of the detached table is provided below.							
Wrap	Select the column in which the data needs to be wrapped and click <b>Wrap</b> .							
	Ven - Tomat-							
	Product Description Start Dt End Dt Direct Revole Repayment Enabled Colliteral Type Colliteral Sub Type Particla Type Index Type Ind							
	LOW-55 MULTERO DOC 1/0/1800 12/31/400 N N Y HOUSEHOLD GOODS PERSONL RICHERT INSTALLMENT							
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	NPOS LINES DLOUZOSIS 112/21/4000 Y N Y HORE COLLATERAL REAL PROMETY HOW MORTGAGE							
62	Click to refresh the data in the table.							
View Last	For usability and performance, some of the data intensive screens have 'View Last' option to sort the volume of data being displayed on screen based on elapsed days.							
	View Last 🔘 1 Day 🔘 1 Week 🔘 1 Month 🖲 By Date Start Dt 07/01/2017 🖄 End Dt 09/20/2017 🖏 🍘							
	You can select the 'View Last' option as 1 Day / 1 Week / 1 Month / By Date. When 'By Date' is selected you can specify a date range (within 3 months) in 'Start Dt' and 'End Dt' fields using the adjoining calendar and clicking 'Search'.							

#### Print option in Customer Service screen

The Print button is option in Customer Service/Collection screen facilitates you to print the contents on the screen as is without scroll bars. This button is available along with other options in the Action block. Clicking on this provides a browser print functionality and a new tab is opened where the print content is displayed.

#### Detach

sinition service: 20120200010231: WIGKA OZAKA / AKANE Continue: 20120200010231: WIGKA OZAKA / AKANE Continue: 20120200010231: WIGKA OZAKA / AKANE Vere + Frmat → Continue: 20120200010231: WIGKA OZAKA / AKANE Vere + Frmat → Continue: 2012020010231: WIGKA OZAKA / AKANE Vere + Frmat → Continue: 2012020010231: UIA ACOULT P Podot: Dop Pado Correcy Provid Ant: Anounce De Status 1000 0 0.00 0.00 0.00 0.00 0.00 0.00 0.	DashBoard	A <sup>2</sup> Customer Service x		
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lections Transaction Processing Details	WFP	Direct Record Update. Transaction Posting Successful		

Click 'Add', 'Edit' or 'View' button to open a new screen in expanded mode with details.



#### **Drop-down List**

The system provides an option to select the required data from LOV, for few fields. You can either select the record from list or enter first alphabet of the value you want. When you provide the alphabet, system limits the selection to the values starting with the specified alphabet. These lists are grouped into two types:

- Drop-down list Provides the selection option. You can either select a record from the list or enter first alphabet of the required value.
- Combo drop-down list The LOV contains huge data and provides both selection and search option. These drop-down arrows are smaller in size, when compared to normal drop-down arrows, thus enabling easy identification.

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Click the arrow button available before 'Search' to toggle the search options.

Buttons/Menu	Do this
Basic	Click 'Basic' for normal search.
Advanced	Click 'Advanced' for advanced search. In this mode, you can select the search option from drop-down list adjoining the search criteria. Selected record will be highlighted (Hover to select).
Match	Select 'All' to display results exactly matching the specified characters. Select 'Any' to display results matching any of the specified characters.
Search	Click to search for values based on the specified search criteria. The search results are displayed below with the details in respective columns.
Reset	Click to reset the search criteria.
Add Fields	Click to add additional fields to search criteria.

The search criteria are provided below the 'Match' field. These criteria vary based on the Field for which the search is executed.



Also, the system remembers your recent search options and demarcates them from the actual ones.

	* Channel WEB ENTRY	Producer Name	
NY-02 : PR		HOLTSVILLE	43125313212
MT-00001:SGFSADDF		RAMEY	23132132
MH 00001 : TEST 001		ADJUNTAS	0
MH-00001: TEST-001		ATMULUA	U
MN-00001 : TERMINATE		AGUADA	0
MT-00001:SGFSADDF		RAMEY	23132132
NY-02 : PR		HOLTSVILLE	43125313212
Search			

#### Comments

In all the user input screens wherever comments are accepted, the system allows an input of 4000 characters of information in the comment(s) field.

#### 1.5.4 De-supported Special characters

OFSLL 'does not' support the following special characters while accepting data through UI, web service and file upload process.

<>{}|\^[]`

Hence, ensure that the same is not used while processing any input data in the system.

#### 1.5.5 Skip Zip Code Validation

While accepting data for interdependent fields through User Interface, OFSLL validates and auto-populates the values for subsequent fields based on previous selection.

Accordingly, when a specific 'Country' is selected from drop-down list which is populated based on COUNTRY\_CD (COUNTRY CODE) lookup code, OFSLL validates and populates the list of corresponding zip codes maintained in Zip Code setup.

However, in case the zip code validation is to be skipped for a specific Country, then define the Sub Code as NO\_ZIP\_VAL against the COUNTRY\_CD in lookups screen as indicated below:

ookup Type			🕂 Add 🥖 Edit 📃	View 🛛 🖋 Audit
View 🔻 Format 👻 🔝 🔟 Freeze	Detach 📣 Wrap 🚱			
> %COUNTRY%			Ves No	
Lookup Type	Description		System Defined Yes/No	Enabled
COUNTRY_CD	COUNTRY CODE (SORT BASED ON CODE)		Yes No	Y
			🕂 Add 🥖 Edit 📃	View 🛛 🔗 Audit
ookup Code View • Format • 🛃 🔟 Freeze 🛃	Detach ຝ Wrap 🙀			View 🛛 🖋 Audit
	Detach 📣 Wrap 🚱	%NO%	Yes No	View View Audit
	Detach 🕼 Wrap 🚱 Description	%NO% Sort Sub Code	) Yes	Enabled
View 👻 Format 👻 🔛 Freeze 🛃			Yes No System Defined	



On Selecting that particular Country from drop-down in any of the UI screen, only the default value '0000000000' is available for Zip field drop-down list. On selecting the same, the City and State fields are set as UNDEFINED.

					🔡 Save and S	ta <u>y</u> 🔒 Save and Return	C Return
Producer #	CO-00004	Address Line	1 2145 HWY 50 WEST		Max Float	99,999	
Old Producer #	CO-00004	Address Line	2		Remaining Float	99999	
Name	DALE SPRADLEY MITSUBISHI	Count	UNITED KINGDOM	T	* Enabled	•	
Company	ARG01	-	p 000000000				
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	DEALER	Te:			Region	ALL	•
	ACTIVE	-	1 (719)-543-6710		Territory	ALL	•
Sales Agent		Extn					
	DEMO UNDERWRITER	Permission f				License Details	
Funder		* Permission f			Valid From	01/01/1800	
Collector	DEMO COLLECTOR	Phone	2		Valid To	12/31/4000	9

#### Note

Skipping zip code validation has significant impact in the system since the change impacts all the UI screens - Setup screens, Origination, Servicing and Collection module screens, Interface, Customer Credit Limit, Collateral Management, and so on. Hence it is recommended to be done with careful consideration and OFSLL is not responsible for any impact/mismatch resulting out of this change.

#### 1.5.6 Export data to Excel

While working on any of the screens in User Interface, OFSLL provides a flexibility to Export the data that is displayed on screen to an Excel file. This helps to download and view the data offline especially with data intensive screens.

Clicking 'Export to Excel' option provides option to save the data to .xls file.

Summary Collection	Customer Servi	ice Account Details	Customer Details	Custome	er Preferences Tr	ansaction History	Pmt Modes	Bankruptcy	Repo/Foreclosure	Deficien >
Call Activities Ma	aintenance Comme	ents Promises Che	cklists Tracking At	ttributes	Field Investigation	References	Correspondence	Letters	Document Tracking	Scena >
Transaction Bat	ch Information				_		4	Add 🥖	Edit 📃 View	✓ Audit
View 🗸 Format 🗸	Freeze	🛃 Detach 🛛 🖉 W	rap 🚱	🔅 Post	Void Ex	port to Excel				
Date	Monetary	Transaction						Status	Batch	
10/29/2020	Y	PAID OFF						POSTEE	) N	
10/23/2020	N	ADD CUSTOMER ADD	RESS PHONE					POSTEE	) N	
										Count: 2
Parameters										
View 🔻 Format 🕶	Freeze	🛃 Detach 🛛 🚽 W	rap 🚱							
Parameter						Value			Require	d
TXN DATE						02/11/2	020		Y	
WRITE OFF INDICA	ATOR					YES			Y	

However, 'Export to Excel' option is currently available only to following screens and is also access controlled depending on configuration defined in setup.

- Queues/Search Results Origination, Servicing, and Collections
- Account Information
- Balances
- Call Activities
- Maintenance
- Promises
- Due Date History
- Collateral



- Tracking Attributes
- Condition Details / Condition / Queue History

In additional, OFSLL displays the total count of records fetched from database. The count is displayed in the right bottom corner of records table. However, note that this is not the total count of all the records in the database but only the records which are fetched based on specific selection. For example, if there are 50,000 records in database and UI is fetching 1,000 records, then the count is displayed as 1,000.

## 1.6 Keyboard Compatibility

The system facilitates keyboard compatibility. You can perform most of your tasks using keyboard short cuts also termed as 'Hot Keys'. These hot keys are single keyboards or a combination of keyboards. The available options are listed below:

- 1. **Shift + Alt** + mnemonic to activate buttons in the screen. For example, to open 'Accessibility' screen, press '**Shift + Alt + y**'.
- 2. **Tab** for forward navigation in the application. **Shift + Tab** for backward navigation in the application. When the required link/tab/button/field is highlighted, press enter on the keyboard to edit.
- 3. Space bar to check or uncheck 'Check Box'.
- 4. Arrow Keys to hover within the drop-down list.

#### 1.6.1 Keyboard Compatibility

The application is made compatible with keyboard only-operations. However, there is a change in key combination based on the browser on which the application is running.

Browser	Operating System	Key Combination	Action
Google Chrome	Linux	Alt + mnemonic	Click
Google Chrome	Mac OS X	Control + Option + mne- monic	Click
Google Chrome	Windows	Alt +mnemonic	Click
Mozilla Firefox	Linux	Alt + Shift + mnemonic	Click
Mozilla Firefox	Mac OS X	Control + mnemonic	Click
Mozilla Firefox	Windows	Alt + Shift + mnemonic	Click
Microsoft Internet Explorer 7	Windows	Alt + mnemonic	Set focus
Microsoft Internet Explorer 8	Windows	Alt + mnemonic	Click or set focus
Apple Safari	Windows	Alt + mnemonic	Click
Apple Safari	Mac OS X	Control + Option + mne- monic	Click



Also, one can use the following keyboard shortcuts in order to increase or decrease the zoom level.

Shortcut	Action
Ctrl++	To increase zoom level.
Ctrl+-	To decrease zoom level.
Ctrl+0	To set zoom level to default level.

## 1.7 <u>Tool Tips</u>

The system is facilitated with tool tip option. When the cursor is moved to any of the field in the screen, a popup is displayed with a tip on the action to be performed.

## 1.8 <u>Accessibility</u>

#### 1.8.1 <u>Understanding Accessibility</u>

Accessibility is making the application usable for multiple user groups, which includes users with physical challenges. One of the most important reasons to make the application accessible is to provide them the opportunity to work. The four main categories of disabilities are visual, hearing, mobility and cognitive.

A person with disability might encounter one or more barriers that can be eliminated or minimized by making the electronic information user-friendly and approachable.

#### 1.8.2 Application Accessibility Preferences

Oracle Financial Services Lending and Leasing is facilitated with the feature of Accessibility to make the application more usable for the people who are differently abled.

By default, the following accessibility options are provided and there is no need to define special accessibility preference in the application:

- The application user interface contents are readily accessible for all types of users without the need to select special accessibility modes.
- The components within the user interface are optimized for use with a screen reader by default.
- The contents are zoomable by default, eliminating the need for an application large fonts mode.
- The user interface components auto-detect if operating system (OS) is set to high contrast mode and automatically render content that is compatible with OS high contrast, eliminating the need for an application high contrast mode.

Note that, Oracle Financial Services Lending and Leasing application user interface is built on Oracle Application Development Framework (ADF) and the default accessibility feature supported by ADF are made available. For additional information, refer to ADF documentation on accessibility preferences.

#### 1.8.3 **Documentation Accessibility Preferences**

Apart from assigning the logical sequence and organizing topics, the following techniques are used to enhance the accessibility of documentation.



- Addition of text equivalent to all graphics
- Usage of standard fonts and avoiding shadow or reversed text
- Usage of strong foreground and background color contrast
- Color usages as per Oracle Accessibility guidelines have been ensured
- Usage of styles and formatting elements
- Documentation in simple language to ensure easy understanding
- Including accurate and effective navigational features, such as cross-reference, tables of content and bookmarks as appropriate



# 2. Administration System

In **Administration > System**, you can record setup data related to the application's overall functionality and performance. This data affects;

- The mechanics of the system
- The processes of the system
- The search for Location of files to complete the tasks.

#### Navigating to Administration System

1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup** > Administration > System

The System drop-down link records the following data:

- System Parameters
- Lookups
- User Defined Tables
- Audit Tables
- User Defined Defaults
- User Defined Parameters
- Transaction Codes
- Data Files
- Events
- Batch Jobs
- Producer Cycles
- Vendors
- Collection Cycles
- Reports
- Error Messages
- Translations
- Label Configuration
- Seed Data
- Data Masking
- Webhook

Using these parameters, you can control the behavior of the system from a technical perspective. For example, determine parameter values, define what information is audited, and record default values. The product provides default values for all these screens.

## 2.1 <u>System Parameters</u>

System parameters define information or values used throughout the system. They act as switches that control the manner in which a function is implemented, or whether or not the system performs a particular task. Parameters are used throughout the system to control everything from user access to what information is stored on any given form. Parameters also define configuration data, such as the location of the system files, the URLs for the report and image servers, and other administration controlled data. Some of the system parameters are



setup when the system is installed, but the values associated with the parameters need to be reviewed and maintained.

There are three types of parameters in the system, grouped by what part of the system they affect:

Parameter Type:	Parameter Range:
System parameters	These parameters apply to the entire system.
	Examples: batch processes, archiving, aging.
Organization parameters	These parameters apply to the organization, division, and user responsibility.
	Examples: User login control, password expiration.
Company parameters	These parameters apply to the company and branch.
	Examples: decision fax control, scoring model.

Hence, the System Parameters screen contains the following three tabs:

- System Parameters
- Organization Parameters
- Company Parameters

#### 2.1.1 System Parameters Setup

The System Parameters Setup screen displays and records each system wide parameter, along with its current value and whether or not it is enabled. These parameters relate to the overall processing of the system, such as application server file locations and data purging configuration.

#### Note

You can only define these parameters. Changing the values of any of these parameters affects the related processing.

#### To set up the System Parameters

1. Click Setup > Setup > Administration > System > System Parameters > System. The system displays the System Parameter screen



2. In the **System Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

	System Parameter ×						2
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Audit Tables		ACCVAL_BJ_111_01_DEBUG_LEVEL		2		N	
User Defined Def		ACCVAL_BJ_112_01_DEBUG_LEVEL		2		N	
Transaction Code	ACCVAL_BJ_121			2		Y	
Data Files		ACHPRC_BJ_100_01_DEBUG_LEVEL		2		N	
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Batch Jobs		ACPPRC_BJ_100_01_DEBUG_LEVEL		2		N	
Producer Cycles		ACVPRC_BJ_100_01_DEBUG_LEVEL		2		N	
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Users		* Parameter Value					
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Correspondence							
General Ledger							
Queues							
Printers							
Bank Details							
Check Details							
Standard Payees							
Currencies							
Zip Codes							
Products							

A brief description of the fields is given below:

Field	Do this
Parameter	System parameter of the specified parameter description is displayed here.
Parameter Description	Select the description of system parameter from the drop-down list.
Parameter Value	Specify the value for the system parameter (required).
Enabled	Check this box to enable the parameter.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

For a detailed list of available parameters, refer to Appendix "<u>System Parameters</u>" chapter.

#### 2.1.1.1 FCUBS Integration

Oracle Financial Services Lending and Leasing (OFSLL) is integrated with Oracle FLEXCUBE Universal Banking System (FCUBS) with the capability to integrate the centralized CIF (Customer Information Files), ELCM (Enterprise Limits and Collateral Management) and CASA (Current Account and Savings Account) modules.

To work with the integrated environment functionalities, you need to enable the following core banking indicator.

Parameter	Parameter Description
CMN_CORE_BANK	CORE BANKING INTERFACE INDICATOR



#### Note

Re-qualification is pending for Core and Direct Banking Integration.

For detailed information about integration changes, you can refer to 'FCUBS Integration Documents' section at OTN library (http://docs.oracle.com/cd/E59770\_01/homepage.htm).

#### 2.1.2 Organization Parameters

The Organization parameters control the system functions related to user log in, such as passwords and expiration dates, responsibility levels and the ability to access the system features. Individual parameters can be created with different values for uniquely defined organizations, divisions, and responsibility combinations.

When determining which parameter to use, the system selects the best match based on a hierarchical sort by the Organization, Division, and Responsibility fields, with values of ALL being a lower order match than an exact match.

For example:

Assume the organization parameter UIX\_APP\_VIEW\_ALL\_APPS (VIEW ALL APPLICATIONS) is as follows:

- If a user belongs to an organization as 'DMC' with a responsibility of SUPERUSER and is using the Underwriting screen of Lending menu, the system will return with a value N, and the system will not allow the user to view all applications.
- If the user belongs to any organization with a responsibility of SUPERUSER, and is using the Underwriting screen of Lending menu, the system will return with a value Y, and the system will allow the user to view all applications.

#### Note

Be aware that while the system allows for Organization parameters to be defined at all three hierarchical (organization, division, and responsibility) levels, not all will be applicable to each parameter. For example, while you can define the UIX\_SMTP\_SERVER (EMAIL SERVER FOR USER) for a responsibility, you would normally want only to define this parameter based on organization or division.

#### To set up the Organization Parameters

 Click Setup > Setup > Administration > System > System Parameters > Organization tab.



2. In the **Organization Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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	View - F			39					
WFP	Paramet		Parameter Description	Parameter Value	Organization	Division	Responsibility	Enabled	
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etup			DAYS TO CONSIDER FOR GROUP FOLLOW-UP, WHE		ALL	ALL	ALL	Y	~
			REVIEW QUEUE ALLOWED WITHOUT ENTERING CAL		ALL	ALL	ALL	Y	-
Setup			VIEW ALL APPLICATIONS	Y	ALL	ALL	ALL	Y	
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✓ System			EMAIL SERVER FOR USER INTERFACE	internal-mail-router.oraclecorp.com	ALL	ALL	ALL	Y	
System Paramete			VIEW SECURED ACCOUNTS	Y	ALL	ALL	ALL	Y	
Lookups			VIEW SECURED APPLICATION	Y	ALL	ALL	ALL	Y	
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Transaction Code			USER LOGIN MAXIMUM INACTIVITY DAYS BEFORE D		ALL	ALL	ALL	Y	
Data Files			PASSWORD SHOULD BE CASE SENSITIVE (Y/N) (SET		ALL	ALL	ALL	Y	
Dedupe			USER LOGIN FORCED PASSWORD CHANGE DAYS (N.		ALL	ALL	ALL	Y	
Securitization			USER LOGIN PROMPT PASSWORD CHANGE DAYS (N.		ALL	ALL	ALL	Y	
Events			USER LOGIN MINIMUM PASSWORD LENGTH (NOT N.		ALL	ALL	ALL	Y	
Batch Jobs			PASSWORD MUST HAVE ATLEAST ONE LOWERCASE.		ALL	ALL	ALL	Y	
Producer Cycles			PASSWORD MUST HAVE ATLEAST ONE NUMERIC CH.		ALL	ALL	ALL	Y	
Vendors	ULG PW	VD SPECI	PASSWORD MUST HAVE ATLEAST ONE SPECIAL CHA.	N	ALL	ALL	ALL	Y	~
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A brief description of the fields is given below:

Field	Do this:
Parameter	Parameter of the specified parameter description is displayed here.
Parameter Description	Select the description of system parameter from the drop-down list.
Parameter Value	Specify the value for the system parameter.
Organization	Select the organization for which the parameter will be valid from the drop-down list.
Division	Select the department for which the parameter will be valid from the drop-down list.
Responsibility	Select the responsibility for which the parameter will be valid from the drop-down list.
	<b>IMPORTANT</b> : In selecting which organization parameter to use, the system searches for a best match using the following attributes:
	1. Organization
	2. Division
	3. Responsibility
	Hence, Oracle Financial Services Software recommends creating a version of each organization parameter, where ALL is these fields.
Enabled	Check this box to enable the parameter.



3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

For a detailed list of available parameters, refer to Appendix "System Parameters" chapter.

#### 2.1.3 Company Parameters

The Company parameters control the system processes associated with functions that may vary for different companies or branches. These parameters address credit scoring, credit bureau interfaces, fax services, and fax generation. Individual parameters may be set up with different values for uniquely defined company and branch combinations.

When these parameters values are requested by the system, the system responds with the "best" match based on a hierarchical sort ordered on company and branch fields, with values of ALL being a lower order match than an exact match. For example, assume the company parameter UIX\_RUN\_AAI\_ACT (ONLINE ACCOUNT CREATION AND ACTIVATION) has been defined as:

The system uses these two parameters to determine whether to create and activate an account online.

- When processing items for the company US01, the system will return a value N and not create and activate an account online.
- When processing items for the company other than US01 and within the value ALL, the system will return with a value Y and create and activate an account online.

#### To set up the Company Parameters

- 1. Click Setup > Setup > Administration > System > System Parameters > Company tab.
- 2. On the **Company Parameters** screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Vendors     Collection Cycles     Collection Cycles     Collection Cycles     ALL     ALL     Y       Collection Cycles     Collection Cycles     Collection Cycles     ALL     ALL     Y       Reports     Fill Image State Dits Only Tool Currents Socker On Current Socker On Currents Socker On Current Socker On Currents								
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Users * Parameter Value	Access		Parameter Description			Prooch All		
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Queues Printers Bank Details Check Details Standard Payees Currencies								
Queues Printers Bank Details Check Details Standard Payees Currencies	Products							



A brief description of the fields is given below:

Field	Do this:
Parameter	The system displays the parameter, when you select parameter description.
Parameter Description	Select the description of system parameter from the drop-down list.
Parameter Value	Specify the value for the system parameter.
Company	Select the portfolio company for which the parameter will be valid from drop-down list.
Branch	Select the portfolio branch for which the parameter will be valid from the drop-down list (required).
	<b>IMPORTANT</b> : In selecting which company parameter to use, the system searches for a best match using the following attributes:
	1. Company
	2. Branch
	For this reason, the Software recommends creating a version of each company parameter where ALL is the value in these fields.
Enabled	Check this box to enable the parameter.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

For a detailed list of available parameters, refer to Appendix "<u>System Parameters</u>" chapter.

## 2.2 Lookups

The Lookups setup screen defines the contents in many drop-down fields used throughout the system. Fields that make use of drop-down field will accept only entries that are stored on this screen.

The Lookups screen contains two sections: **Lookup Types** and **Lookup Codes**. Lookup types and codes can be system-defined or user-defined. The lookup types describe the function of the related lookup codes.

For system-defined lookup types, only the Description field may be changed.

A *system-defined lookup type* (**Lookup Types** block, **System Defined** is selected) is one that is critical to the system and cannot be changed. However, you can still modify the lookup type description and Record indicator (Enabled/Disabled).

A *user-defined lookup type* (**Lookup Types** block, **System Defined** is not selected) is one that can be modified, depending on a user's business needs. You can modify the description, system indicator and record indicator. If a lookup type is user-defined, the lookup code belonging to that lookup type can either be system-defined or user-defined.

A *system-defined lookup code* (**Lookups** screen, **System Defined** is selected) is one on which the system processing is dependent. Without this lookup code, the process produces incorrect results or fails.



A *user-defined lookup code* (**Lookups** screen, **System Defined** is not selected) is one that can be defined or altered by a user.

**WARNING**: System-defined lookup types are those that are required by the system. Their related lookup codes will also be system defined. If you update and save a user-defined lookup type as a system-defined-lookup type (that is, change the System Defined button from **No** to **Yes** in the Lookup Type sub screen), the system will not allow you to change the lookup type back to user-defined in the future.

#### Note

Lookup codes cannot be deleted, as they may have been used in the past, and the display and processing of that data is still dependent on the existing setup.

Typically, the system Administrator would modify the descriptions of lookup codes and add new lookup codes to the existing lookup types as needed.

#### To set up the Lookups

- 1. Click Setup > Setup > Administration > System > Lookups. The system displays the Lookups screen. The details are grouped into two:
  - Lookup Types
  - Lookup Codes
- In the Lookup Types section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

				_
DashBoard	Lookups ×			×
Origination				0
Servicing	Lookup Type		🚽 Add 🖉 Edit 📃 💆	iew 🔗 Aud
Collections	View - Format - 🔛 Treeze	Detach 🖉 Wrap 🕅		
WFP	Lookup Type	Description	System Defined Yes/No	Enabled
Tools			Yes  No	1
	1098_POINTS_DISCOUNTS_ITM_CD	1098 ITEMIZATION TYPES	Yes No	1
up	ACCESS_GRID_TYPE_CD	ACCESS GRID TYPE CODES	Yes No	
Administration	ACCRUAL_BASE_METHOD_CD	ACCRUAL BASE METHOD CODES	Yes No	
✓ System	ACCRUAL_CALC_METHOD_CD	ACCRUAL CALCULATION METHOD CODES	Yes No	
System Paramete	ACCRUAL_START_DT_BASIS_CD	ACCRUAL START DT BASIS CODES	Yes No	
Lookups	ACCRUED_TXN_TYPE_CD	ACCRUED TXN BALANCE TYPE CODES	Yes No	
User Defined Tak	ACC_CONDITION_CD	ACCOUNT CONDITIONS / ACCOUNT QUEUE TYPES (SUB CODE USED FOR DEFAULT QUEUE)	Ves No	
Audit Tables User Defined Def	ACC_STATUS_CD	ACCOUNT STATUS CODES	Yes No	
Transaction Code	ACH_ACCOUNT_TYPE_CD	ACH ACCOUNT TYPE CODES	Yes     No	
Collection Cycles Reports Error Messages Translations	* System Defined	Yes/No () Yes 🖲 No	春 Add 🥒 Edit 📃 🛛	iew 🔗 A <u>u</u>
4 User	View 🗸 Format 🗸 📑 Freeze	Detach إلى Wrap 🙀		
Organization Companies	Lookup Code	Description Sort	Sub Code System Defined Yes/No	En
Access	No data to display.			
Users Credit Bureau Correspondence				

A brief description of the fields is given below:

Field	Do this:
Lookup Type	Specify the lookup type.



Field	Do this:
Description	Specify the description for the lookup type .
System Defined Yes/No	Select 'Yes', if you wish to maintain the lookup type as system defined and 'No', if you wish to maintain lookup type as User defined.
Enabled	Check this box to enable the lookup type.

- 3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- In the Lookup Codes section, you can setup individual codes that a field or process using the related lookup type can have. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field	Do this:
Lookup Code	Specify the lookup code. These are solely dependent on the function of the Lookup Type.
Description	Specify the lookup code description. This may be changed as per your business requirement.
Sort	Specify the sort order for the lookup code. This determines the order these lookup codes are displayed or processed.
Sub Code	Specify the sub code for the lookup code.
System Defined Yes/No	Select 'Yes', if you wish to maintain the lookup code as system defined and 'No', if you do not want to maintain it as system defined. System defined lookup codes cannot be modified, except for changing the Description or Sorting fields. If the lookup type is not system defined, then the code can be modified.
Enabled	Check this box to enable the lookup code.

5. Perform any of the **Basic Actions** mentioned in Navigation chapter.

## 2.3 User Defined Tables

In User Defined Tables you can maintain user-defined tables, such as the data attributes the system uses on its Search screens.

In the following example, the list of attributes in the Criteria column are computed from the User Defined Tables screen.

### To set up a user-defined table, you must:

- 1. Define the fields on the table.
- 2. Join the related tables.
- 3. Assign the table a lookup type.

You can create tables for different products, funding, and collateral types.

After creating the user-defined tables, the system sorts the attributes to make the system usage more efficient. These details are used with different functions of the system, including:



- Tracking follow-up items
- Creating details in bankruptcy, foreclosure/repossession, and deficiency

#### Note

Many of these tables, (ASSET TRACKING ATTRIBUTES for example) may be configured during the initial setup of the application to provide for your specific business needs. Others, such as APPLICATION SEARCH, may be changed whenever your business needs change. Still others should not be changed without consulting Oracle Financial Services Software, as changing them would require changes to existing code for the expected results to be implemented. As a thumb rule, it is better to add or disable information on the User Defined Tables screen than to edit existing entries.

#### To set up the User Defined Tables

- 1. Click Setup > Setup > Administration > System > User Defined Tables. The system displays the User Defined Tables screen. The details are grouped into two:
  - User Defined Tables
  - User Defined Table Attributes
- 2. In the **User Defined Tables** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	User Defined Tables	×								
Origination										_
Servicing	User Defined Ta		-					+	Add 🖉 Edit	🗌 View 🛛 🔗 Audit
Collections	View - Format -	Freeze	Detach 🚽 ۱							
WFP	Table	User table Type	Description	System Defined Yes/No	Enabled	Product Type	Funding Type	Collateral Type	View Name	SQL Statement
Tools				🔍 Yes 🔍 No	N				UNDEFINED	
tup	SEARCH_WFP_PR	SEARCH : WFP PR	WFP PRODUCER S.	. O Yes No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
2.450	SEARCH_UPD_AC	SEARCH : POST D	POST DATED CHE	Ves No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
Administration	DLR_TRACK_MAP	MAPPING: INTERF.	DLR_TRACK MAPP.	Ves No	Y	ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM I
✓ System	SEARCH_UBT_AD	SEARCH : ACCOU	BATCH ENTRY AC	Ves No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
System Paramel	SEARCH_UBT_FEE	SEARCH : ACCOU	BATCH ENTRY AC	O Yes No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
Lookups	SEARCH_UTA_TXN	SEARCH: TRANSA	TRANSACTION HI	O Yes No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
User Defined Ta	SEARCH_UBT_PM	SEARCH : ACCOU	BATCH ENTRY AC	Ves No	Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIRS
Audit Tables User Defined De	CHGOFF_TYPE_D	TABLE ATTRIBUT	DEFICIENCY DETA.	. Yes No	Y	ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM
Transaction Cod	CPY_APP_SETUP	SETUP: APPLICAT	APPLICATION CO	🔿 Yes 🖲 No	Y	ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM
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Dedupe Securitization Events Batch Jobs Producer Cycles Vendors Collection Cycle: Reports	User Defined Tal	* Table ble Type	10		* Product Type A	LL.	~	* View Nar	me UNDEFINED	
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Field	Do this:
Table	Specify the user-defined table name.
User Table Type	Select the user-defined table type from the drop-down list. This determines where and how the related data is being used.



Field	Do this:
Description	Specify the description for user-defined table.
System Defined Yes/NO	Select 'Yes', if you wish to maintain the User table type as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If the entry is not system defined, then it can be modified.
Enabled	Check this box to enable the user-defined table (optional).
Product Type	Select the product typefrom the drop-down list.
Funding Type	Select the funding type associated with the user-defined table from the drop-down list.
Collateral Type	Select the collateral type associated with the user-defined table from the drop-down list.
View Name	Specify the view name.
SQL Statement	Specify the SQL version of the statement.
	For Example: For SEARCH_ACC_ACCOUNTS table, the SQL is as follows:
	SELECT /*+ FIRST_ROWS */ ACC_AAD_ID FROM ACCOUNTS WHERE
	<b>Note</b> : For the above SQL, the where criteria is part of the User Defined Table Attributes
Sort	Specify the sort order for the user-defined table relative to other tables of the same type.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



4. In the **User Defined Table Attributes** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	User Defined Tables	<								
Origination								(		
Servicing	User Defined Tab	A REAL PROPERTY AND A REAL			-			Add	🖉 🦉 Edit	View 🗸 Audi
Collections	View - Format -	Freeze	Detach 斗		62					
WEP	Table	User table Type	Description	System D Yes/No	Defined Enabled	Product Type	Funding Type	Collateral Type	View Name	SQL Statement
Tools	SEARCH_WFP_PR	SEARCH : WFP PR	WFP PRODUCER S.		No Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
	SEARCH_UPD_AC	SEARCH : POST D	POST DATED CHE.	O Yes	No Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
tup	DLR_TRACK_MAP	MAPPING: INTERF	DLR_TRACK MAPP.	. O Yes	No Y	ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM
Setup	SEARCH UBT AD	SEARCH : ACCOU	BATCH ENTRY AC	O Yes	No Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
4 Administration	SEARCH_UBT_FEE	SEARCH : ACCOU	BATCH ENTRY AC	O Yes	No Y	ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
✓ System System Paramete	SEARCH UTA TXN	SEARCH: TRANSA	TRANSACTION HI	O Yes		ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
Lookups	SEARCH UBT PM	SEARCH : ACCOU	BATCH ENTRY AC	O Yes		ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
User Defined Tab		TABLE ATTRIBUT				ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM
Audit Tables	CPY APP SETUP	SETUP: APPLICAT	APPLICATION CO.			ALL	ALL	ALL	UNDEFINED	SELECT 1 FROM
User Defined Def		SEARCH : ACCOUNT		Yes		ALL	ALL	ALL	UNDEFINED	SELECT /*+ FIR
Transaction Code Data Files	<									>
Dedupe Securitization										
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Dedupe Securitization Events Batch Jobs Producer Cycles Vendors			ا لیہ Detach آ	Wrap	Gi) Length	Sort Operator	System Defined Yes/No	-	Sub Attribute	LOV Type
Dedupe Securitization Events Batch Jobs Producer Cycles Vendors Collection Cycles	View	Freeze		Wrap	100	Sort Operator	Yes/No Yes  No	-		
Dedupe Securitization Events Batch Jobs Producer Cycles Vendors	View	Freeze	Data Type		Length		Yes/No	Enabled		
Dedupe Securitization Events Batch Jobs Producer Cycles Vendors Collection Cycles Reports	View → Format → Attribute	Description	Data Type E CHARACTER	2	Length 0	0	Yes/No Yes  No	Enabled		LOV Type
Dedupe Securitization Events Batch Jobs Producer Cycles Vendors Collection Cycles Reports Error Messages	View  Format  Attribute  PRO_NAME  WPR_STATUS_CD	Description PRODUCER NAM	Data Type E CHARACTER TUS CHARACTER	2	Length 0 80	0 1 LIKE	Yes/No Yes • No Yes • No	Enabled N Y		LOV Type NO LOV
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Field	Do this:
Attribute	Specify the user-defined table attribute.
Description	Specify the description for the user-defined table attribute.
Data Type	Select the data type for the attribute (CHARACTER, NUMBER, or DATE) from drop-down list.
Length	Specify the maximum length of the user-defined table attribute.
Sort	Specify the sort order of the user-defined table attribute. If the sort order is changed it will only affect new instances of the User Defined Table, and will not affect existing data.
Operator	Select the operator for the user-defined table attribute from the drop- down list.
System Defined Yes/No	Select 'Yes', if you wish to maintain the User table attribute as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If the entry is not system defined, then it can be modified.
Enabled	Check this box to enable the user-defined table attribute so that the attribute will be considered when creating new instances of the User Defined Table.
Sub Attribute	Specify the sub-attribute for the attribute (sub attributes are used to associate related attributes).



Field	Do this:
LOV Type	Select the list of value (LOV) type for the user-defined table attribute from the drop-down list.
LOV Validation Ind	Check this box to enable LOV validation of the user-defined table attribute. This indicates whether the data must come from the LOV.
Lookup Types	Specify the lookup type of the LOV associated with the user-defined table attribute.
Default Value	Specify the default value for the user-defined table attribute.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.4 Audit Tables

The system allows you to track changes in the database during origination. This includes the tracking of:

- Application status history
- Audit history of specified fields

The Audit Tables Setup screen records the tables and columns requiring an audit. the system stores the following details for the fields you want to audit for changes:

- Current value in field
- New value field
- User who changed the field's content
- Date and time when the value was changed

**IMPORTANT**: The system recommends that only a database administrator perform the following steps.

## To set up the Audit Tables

- 1. Click **Setup > Setup > Administration > System > Audit Tables**. The system displays the Audit Tables screen. The details are grouped into two:
  - Audit Tables
  - Audit Columns



2. In the **Audit Tables** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Audit Tables $\times$									
Origination										
Servicing	Audit Tables								🖉 Edit	View 🛛 🖋 Audit
Collections	View - Format -	Freeze	Detach 🖉 ۱	Vrap 🚮 😳	Generate					
	Table	Description	Display Description		Reset RowID	Enabled	Primary Key 1	Primary Key 2	Primary Key 3	Primary Key 4
WFP	INDEX_RATES	INDEX RATE DETA.		IRT_INDEX_TYPE		Y	IRT_INDEX_TYPE	IRT_START_DT		
Tools	INSURANCES	INSURANCES DET.		INS_INSURANCE		Y	INS_AAD_ID	INS_ID		
etup	JOBS	JOB DETAILS JOB BUCKET DET	DESCRIPTION	JOB_DESC JBB_ID	N	Y	JOB_JBS_CODE	JOB_CODE		-
100 CO	JOB_BUCKETS JOB_HOLIDAYS	JOB HOLIDAY DET.		JBH_DESC	N	Y	JBB_ID JBH_DT			
Setup	JOB_SETS	JOB SET DETAILS	DESCRIPTION	JBS_DESC	N	Y	JBS_CODE			
Administration     Asystem	JOB_THREADS	JOB THREAD DET		JBT_JOB_CODE	N	Y	JBT_JBS_CODE	JBT_JOB_CODE	JBT THREAD	
System Paramete	LOOKUPS	LOOKUP DETAILS	DESCRIPTION	LKC_DESC	N	Y	LKC_LKT_TYPE	LKC_CODE		
Lookups	LOOKUP_TYPES	LOOKUP TYPE DE	DESCRIPTION	LKT_DESC	N	Y	LKT_TYPE			
User Defined Tab	MESSAGES	MESSAGE DETAILS	TEXT	MSG_TEXT	N	Y	MSG_CODE	MSG_PTC_COMPA.	MSG_PCB_BRANCH	MSG_SUPER_PR
Batch Jobs	Dis	play Description TYPE			Primary Key 4			Primary 8		
Producer Cycles Vendors Collection Cycles Reports Error Messages Translations		Display Column IRT_ Enabled ✓ Reset RowID Primary Key 1 IRT_			Primary Key 5 Primary Key 6 Primary Key 7 Primary Key 8			Primary K Primary K Primary K	Key 13 Key 14 Key 15	Lanu a suda
Vendors Collection Cycles Reports Error Messages Translations	Audit Columns	Enabled ✓ Reset RowID Primary Key 1 IRT_	NDEX_TYPE_CD	Mran Ra	Primary Key 6 Primary Key 7			Primary R Primary R	Key 13 Key 14 Key 15	View 🗸 Audit
Vendors Collection Cycles Reports Error Messages Translations	Audit Columns	Enabled ✓ Reset RowID Primary Key 1 IRT_	NDEX_TYPE_CD	Wrap 🙀	Primary Key 6 Primary Key 7			Primary H Primary H Primary H	Key 13 Key 14 Key 15 dd <u>Z</u> Edit	
Vendors Collection Cycles Reports Error Messages Translations User Organization	Audit Columns	Enabled ✓ Reset RowID Primary Key 1 IRT_	NDEX_TYPE_CD	Wrap 🔂	Primary Key 6 Primary Key 7			Primary H Primary H Primary H	Key 13 Key 14 Key 15	View Audit

Field	Do this:
Table	The table name on which audit trigger needs to be created is displayed here (the system table being audited).
Description	Specify the table description.
Display Description	Specify the column description to be displayed on audit screen.
Display Column	Select the table column to be displayed on audit screen from the drop-down list.
Enabled	Check this box to enable the audit table so that it will be considered while generating the database triggers.
Reset Row ID	Check this box to allow resetting the row identifier.
Primary Key 1 (unlabeled)	The table primary key column 1 is displayed here. (These columns define how to access the data in the table.)
Primary Key 2 (unlabeled)	The table primary key column 2 is displayed here.
Primary Key 3 (unlabeled)	The table primary key column 3 is displayed here.
Primary Key 4 (unlabeled)	The table primary key column 4 is displayed here.
Primary Key 5 (unlabeled)	Table primary key column 5 is displayed here .



Field	Do this:
Primary Key 6 (unlabeled)	Table primary key column 6 is displayed here.
Primary Key 7 (unlabeled)	The table primary key column 7 is displayed here.
Primary Key 8 (unlabeled)	The table primary key column 8 is displayed here.
Primary Key 9 (unlabeled)	The table primary key column 9 is displayed here.
Primary Key 10 (unlabeled)	The table primary key column 10 is displayed here.
Primary Key 11 (unlabeled)	The table primary key column 11 is displayed here.
Primary Key 12 (unlabeled)	The table primary key column 12 is displayed here.
Primary Key 13 (unlabeled)	The table primary key column 13 is displayed here.
Primary Key 14 (unlabeled)	The table primary key column 14 is displayed here.
Primary Key 15 (unlabeled)	The table primary key column 15 is displayed here.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

4. In the **Audit Tables Columns** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field	Do this:
Column	Specify the column name on which the audit needs to be created from drop-down list (column in the table that is being audited)
Description	Specify the column description (description of the data contained in the column).
Data Type	The data type for the attribute is displayed here.
Enabled	Check this box to enable the audit column.

- 5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 6. Once the required fields data is created or updated, click 'Generate' in Audit Tables section to initiate a trigger to update the details in the system.

## 2.5 User Defined Defaults

The User Defined Defaults Setup screen allows you to set up default values to automatically populate in frequently used fields on the Application Entry screen. This streamlines the data entry process when entering an application.

### To set up the User Defined Defaults

1. Click Setup > Setup > Administration > System > User Defined Defaults. The system displays User Defined Defaults screen.



2. In the **Application Defaults** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	User Defined Defaults ×									
Origination								de Add	A	A
Servicing	Application Defaul		2750		-			SPA SP	🖉 Edit 🗌 Vie	w 🔗 Audit
Collections	View - Format -		-	신 Wrap	62	-				-
WFP	Organization [	Division	Company	Branch	Priority	Channel	Producer Type	Class	Purpose	Product
Tools		IL02	NL02	NLR1	NORMAL	FAX IN	DEALER	SMALL BUSINESS	VEHICLE LOAN O	LOAN VEHICLE
atup		A03 IS01	US01 US01	USHQ	HIGH	WEB ENTRY WEB ENTRY	DEALER	SMALL BUSINESS INDIVIDUAL	HOME EQUITY LO VEHICLE LOAN O	IJARA HOME LO
Setup		P04	JP04	JPR1	NORMAL	WED ENTRY	DEALER	INDIVIDUAL	VEHICLE LOAN O	LOAN VEHICLE
Administration     Asystem	<									>
System Paramete Lookups	Application Defaul	ts								
User Defined Tat							Save and Add	Save and Stay	Save and Return	n 🖓 <u>R</u> eturn
Audit Tables User Defined Def	* Organizatio	n DMC		~	Postal Type	NORMAL ADDRESS	~			
Transaction Code	* Divisio	* Division US01 V Street Pre				Status NOT DEFINED		V		
Data Files					Street Type			Condition		~
Dedupe Securitization	Application Defaults					v V	Country UNITED STATES		~	
Events				12121						
Batch Jobs	Compar			~	Country	UNITED STATES	~		Vehicle Defaults	
Producer Cycles	Brand	h		~	Rent Amount	0.00		Asset Type		~
Vendors Collection Cycles	Priori	τγ.		~	Stated Frequency	MONTHLY	~			~
Reports	Chann	el		~	Actual Frequency	MONTHLY	~	Sub Type		
Error Messages	Producer Typ	e		~	Ownership		~	Class		~
Translations Juser	Cla	s		~		Valuation Source			×	
Organization	Purpos			~		Employment Defaults			Home Defaults	
Companies	Produ			~	Tune	FULL TIME	V		nome beraults	
Access	Override C			Y	Occupation	Corner 140%	V	Asset Type		v
Users Credit Bureau	Warning C							Sub Type		~
Correspondence	warning c					UNITED STATES	~	Class		~
General Ledger		Applicant De	efaults		Stated Frequency	MONTHLY	~			~
Queues				presenting.	Actual Frequency	MONTHLY	~	Occupancy		
Printers Bank Details	Relation Typ	e		~				Valuation Source		~
Check Details	Gende	er		Y		Telecom Defaults			Other Defaults	
Standard Payees	Marital State	IS		~					other belouits	
Currencies	Languad	e		~		Income Defaults		Asset Type		~
Zip Codes	ECC			V			1000	Sub Type		~
	200			1000	Income Type		~	11-1		

Field	Do this:	
Org	Select the organization for which these defaults are applicable from drop-down list.	
Division	Select the division for which these defaults are applicable from drop- down list.	
Application Defa	ults	
Company	Select the company from the drop-down list.	
Branch	Select the branch from the drop-down list.	
Priority	Select the priority from the drop-down list.	
Channel	Select the channel from the drop-down list.	
Producer Type	Select the producer type from the drop-down list.	
Purpose	Select the purpose from the drop-down list.	
Product	Select the product from the drop-down list.	
Applicant Default	ts	
Relation Type	Select the applicant relation type from the drop-down list.	
Gender	Select the applicant gender from the drop-down list.	



Field	Do this:
Marital Status	Select the applicant marital status from the drop-down list.
Language	Select the applicant language from the drop-down list.
ECOA	Select the applicant ecoa from the drop-down list.
Class Type	Select the applicant class type from the drop-down list.
Race National Origin	Select the applicant race or national origin from the drop-down list.
Privacy Opt-Out	Check this box to indicate that the applicant has elected to refrain from the non-public sharing of information.
Address Defaults	
Address Type	Select the address type from the drop-down list.
Postal Type	Select the postal address type from the drop-down list
Street Pre	Select the street pre type from the drop-down list.
Street Type	Select the street type from the drop-down list.
Street Post	Select the street post type from the drop-down list.
Country	Select the country from the drop-down list.
Rent Amount	Specify the rent amount. The system defaults this rent amount if the rent amount received from the interface is zero.
	This rent amount will be defaulted for a new application also.
State Frequency	Select the stated frequency from the drop-down list.
Actual Frequency	Select the actual frequency from the drop-down list.
Ownership	Select the ownership type from the drop-down list.
Employment Defa	aults
Туре	Select the employment type from the drop-down list.
Occupation	Select the occupation from the drop-down list.
Country	Select the country from the drop-down list.
Stated Frequency	Select the stated frequency from the drop-down list.
Actual Frequency	Select the actual frequency from the drop-down list.
Income Defaults	
Income Type	Select the income type from the drop-down list.
Frequency	Select the frequency from the drop-down list.



Field	Do this:
Liability Defaults	
Liability Type	Select the liability type from the drop-down list.
Frequency	Select the frequency from the drop-down list.
Asset Defaults	
Status	Select the asset status from the drop-down list.
Condition	Select the asset condition from the drop-down list.
Country	Select the country from the drop-down list.
Vehicle Defaults	
Asset Type	Select asset type from the drop-down list.
Sub Type	Select asset sub type from the drop-down list.
Class	Select the asset class from the drop-down list.
Valuation Source	Select the asset valuation source from the drop-down list.
Home Defaults	
Asset Type	Select asset type from the drop-down list.
Sub Type	Select asset sub type from the drop-down list.
Class	Select the asset class from the drop-down list.
Occupancy	Select the occupancy type from the drop-down list.
Valuation Source	Select the asset valuation source from the drop-down list.
Other Defaults	
Asset Type	Select asset type from the drop-down list
Sub Type	Select asset sub type from the drop-down list.
Class	Select the asset class from the drop-down list.
Valuation Source	Select the asset valuation source from the drop-down list
Comment Default	'S
Comment Type	Select the comment type from the drop-down list.
Comment Sub Type	Select the comment sub type from the drop-down list.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 2.6 User Defined Parameters

The User Defined Parameters setup screen facilitates to define field-level configurations which helps to perform various day to day business specific calculations. In this screen you can define parameters and logic for each field to compute and populate data.

For example, you can setup User Defined Parameters in the system to calculate Trade Equity, Collateral Coverage Ratio, Net Rental Yield and so on.

#### Note

Currently system supports defining user defined parameters for entities like Account and Collateral. The computed values are populated into Customer Service > Account Details > Account Information section and Servicing > Collateral Management > Collateral Details screen respectively on clicking Calculate Parameters button.

Defining user defined parameters basically involves identifying a scenario and creating/ configuring the required parameters. Here, a scenario can refer to what category of accounts are to be considered for computation.

Parameter	Description
Target Parameters	These parameters store values for the customizable user defined fields in user defined tables and is used for calculation based on Selection Criteria.
	These parameters are available as per the 'View Name' defined in user defined tables for each Account and Collateral Entity and persist the calculation values into the table columns of database after its first execution.
Formula Parameters	These parameters are used for computation of the target parameters. These contain the generic formula/logic that can be used for any computation based on System Defined Functions and Table Columns. These parameters does not persist the calculation values into the table columns of database.

User defined parameters consists of the following two types of configurable parameters:



Since system supports Account and Collateral entity types, the configurable user defined Target/Formula parameters along with selection criteria can be defined using specific table type as indicated below:

Entity Type	Parameter Type	Description
Accounts	Formula Parameters	Formula parameters are used for computation of the target parameters for Account Entity. OFSLL supports predefined set of calculation based Formula Parameters. These parameter definitions start with' \$' in User Defined Tables. These parameters does not have any selection criteria. Existing factory shipped seed data provided by OFSLL product like GL date, System Date, ACC_DLQ_DAYS and so on is based on below User Defined Table Type: USER DEFINED: ACCOUNTS FORMULA PARAMETERS USER DEFINED: COMMON FORMULA PARAMETERS USER DEFINED: COMMON CUSTOMER SERVICE FORMULA PARAMETERS
Target Parameters		These calculations are based on formula parameters and other target parameters. A selection criteria is available for each calculation. These are based on User Defined Table Type: USER DEFINED: ACCOUNT TARGET PARAMETERS
	Selection Criteria	These parameters define the criteria on which accounts are picked for calculation of defined target parameters. These are available only for Target parameters and are based on User Defined Table Type: USER DEFINED: ACCOUNT CRITERIA PARAMETERS
Collateral	Formula Parameters	These Formula parameters are used for computation of the target parameters for Collateral Entity. They are based on below User Defined Table Type: USER DEFINED: COLLATERAL FORMULA PARAMETERS USER DEFINED: COMMON FORMULA PARAMETERS USER DEFINED: COMMON CUSTOMER SERVICE FORMULA PARAMETERS
	Target Parameters	These are based on User Defined Table Type: USER DEFINED: COLLATERAL TARGET PARAMETERS
Selection Criteria		These are available only for Target parameters and are based on User Defined Table Type: USER DEFINED: COLLATERAL CRITERIA PARAMETERS

## Note

The execution of User Defined Parameters require additional processing at the server level and can have significant performance impact delaying the EOD processing. Hence it is recommended to have careful consideration while defining the Target and Formula parameter configurations.



In this framework, you can either create new parameters and/or use the available pre-defined formula parameters to populate computed values to custom user defined fields.

For example - a formula parameter can be defined with an expression as \*\$TOTAL\_ITM\_GRP\_IEQ + \$PAID\_BAL\_ADV which is total equity in itemizations on account added with total advance amount paid. An expression can have a stored function (represented with \$ sign) and Account Columns (fields).

There are some formula parameters in the system with basic pre-defined calculation which can readily be used for configuration along with account fields. Pre-defined formula parameters are associated with specific acronyms appended with parameter name for identification. The table below lists the available per-defined formula parameters. However, you can also define custom formula parameters with acronyms.

User Defined Column Description	Description
\$GL_DATE	Value of GL Date System Parameter
\$SYSTEM_DATE	Current System Date
\$COLLATERAL_VALUE	Sum of all collateral current valuation
\$PRIMARY_COLLATERAL_VALUE	Sum of all primary collateral current valuation
\$ASE_GRAND_FATHER_POINTS	Sum of all grandfather points
\$ASE_TIER_POINTS	Total Tier Points
\$INTEREST_ACCRUED	Interest Accrued on Account for a specific date. This is used to calculate Trade Equity Calculation.
\$OUTSTANDING_AMOUNT	Current Account Outstanding Amount
\$OUTSTANDING_BAL_ (BALANCE TYPE *)	This is a dynamic balance value calculation based on type variable.
	For example:
	- \$OUTSTANDING_BAL_ADV - Will calculate outstanding Advance/Principal amount - \$OUTSTANDING_BAL_LSR - Will calculate outstanding Lease Receivable amount
<pre>\$PAID_BAL_(BALANCE TYPE *)</pre>	This is a dynamic balance value calculation based on type variable.
	For example:
	- \$PAID_BAL_ADV - Will calculate paid Advance/ Principal amount - \$PAID_BAL_LSR - Will calculate paid Lease Receivable amount
\$SUM_PRIN_ESC_MAX_EXPIRY_ DT	This is used to calculate sum of total principal amount till Extended Service Warranty Max Expiry Date.



User Defined Column Description	Description
\$TOTAL_ITM_GRP_ (ITM GROUP*)	This is a dynamic itemization group value calculation based on type variable.
	For example:
	- \$TOTAL_ITM_GRP_IDC - Will calculate total ITM LOAN AMOUNT DOWN PAYMENT CASH group amount - \$TOTAL_ITM_GRP_IPF - Will calculate total ITM PREPAID FEE group amount
\$TOTAL_ITM_ (ITM*)	This is a dynamic itemization value calculation based on type variable.
	For example:
	- \$TOTAL_ITM_IDC_1 - Will calculate total ITM DOWN PAYMENT amount - \$TOTAL_ITM_IUN_4 - Will calculate total ITM CASH DOWN amount

Both the parameters (formula and target) supports the following data types:

- Number / Integer (both are considered as floating numbers)
- Date
- Character

While defining specific parameter, system auto-filters the variable list based on the supported data type.

To enable any target parameters, ensure that there is at the least one enabled formula parameter and selection criteria defined. Also while defining target parameters, ensure that there is no circular dependency where two or more parameters are either directly or indirectly dependent on each other. For example, If formula parameter A is defined as ACC\_FIELD1 + formula parameter B, and formula parameter B is defined as ACC\_FIELD2 + formula parameter A. In such a case, system displays an error indicating 'CIRCULAR DEPENDENCY DETECTED FOR PARAMETER:<<PARAMETER NAME>>'.



Option	Trigger	Action Type			
User Interface	Clicking 'Calculate Parameters' button in Account Details screen, Account Information section.	System calculates and updates target parameter through background job process which is created to update UDP values asynchronously.			
	Target parameters of Frequency = None and Daily are computed and updated for an account and all collaterals associated to the account.	Error/Validation messages received during calculation of user defined fields are displayed under Background job and not displayed in UI.			
	Clicking 'Calculate Parameters' button in Collateral Management, Collateral Details screen.				
	Target parameters of Frequency = None and Daily are computed and updated only for the selected collateral.				
Batch Job for Account Target Parameters update	On executing batch jobs - USER DEFINED ROOT BATCH JOB and USER DEFINED ACCOUNT TARGET PARAMETER CALCULATOR in SET-CUP batch job-set	On execution, this batch job calculates all target parameters defined for Account that satisfy the selection criteria. Root batch job is parent batch job and			
		is executed first to pick all accounts eligible for calculation for the child batch job i.e. Account Target Parameter Calculator. This helps to enhance system performance.			
		The batch job periodically calculates for target parameters of frequency other than None and updates the Next Run Date for parameter as per frequency defined.			
		Note that, batch job picks-up accounts only once per day and refers to company specific GL date.			
		Accounts in OFSLL are associated to specific company - branch combination. Hence this batch set and job should be configured at every company branch level.			

The user defined parameters calculation can be triggered in any of the following ways:



Option	Trigger	Action Type			
Batch Job for Collateral Target	On executing batch jobs - USER DEFINED ROOT BATCH JOB and USER DEFINED COLLATERAL TARGET PARAMETER CALCULATOR in SET-CUP1 batch job-set	On execution, this batch job calculates all target parameters defined for collateral entity that satisfy the selection criteria.			
Parameters update		Root batch job is parent batch job and is executed first to pick all accounts eligible for calculation for the child batch job i.e. Collateral Target Parameter Calculator. This helps to enhance system performance.			
		The batch job periodically calculates for target parameters of frequency other than None and updates the Next Run Date for parameter as per frequency defined.			
		Note that, batch job picks-up accounts only once per day and refers to company = ALL GL date.			
		Collateral in OFSLL are not associated to any specific company hence this batch set and job should be configured for company = All.			
Event	Configured Event Action Type - 1. UPDATE ACCOUNT USER DEFINED PARAMETERS	Update Account/Collateral Target Parameters of frequency = None and Daily when specific type of changes			
	2. UPDATE COLLATERAL USER DEFINED PARAMETERS	occurs in OFSLL for Account/Collateral event entity.			
	For more details on defining event action type, refer to 'Events (New Framework)' section.				
Restful Web Service	Calculate Parameter Update Service (available in common Swagger module)	When third-party system post a request to update specific or all Target Parameters for a single Account, single Collateral or all collateral associated to an account based on 'Entity Type' parameter updated in web service request.			
		This parameter accepts only ACC for accounts and ASE for Collateral target parameters. Target parameter of frequency None and Daily are updated through this web service.			
		Refer swagger documentation for more details.			



During executing, system looks into the enabled user defined parameters, and considering only those accounts matching the selection criteria, values are computed into the user defined fields.

During computation of target parameters, system displays an error if there are more than one definition defined for a target parameter.

### To set up the User Defined Parameters

1. Click Setup > Setup > Administration > System > User Defined Parameters.

er Defined Parame	ters ×								×
arameters								📲 Add 🖉 Edit	∑iew ⊘ Audit
flew 🕶 Format 🕶	Freeze	🚰 Detach 🛛 🖨 Wrap	New Parameter		😋 Create Copy	Show Expression			
Module	Entity Type	Parameter Type	Parameter Name	Description	Data type	Priority	Frequency	Run Date Next	Enabled
CUSTOMER SERVI	COLLATERALS	TARGET PARAMETER	ASE_UDF2_CHAR	ADDITIONAL PLA	CHARACTER	0	NONE		Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF2_CHAR	ADDITIONAL PLA	CHARACTER	0	DAILY	04/17/2020	N
CUSTOMER SERVI	COLLATERALS	TARGET PARAMETER	ASE_UDF1_DATE	ADDITIONAL PLA	DATE	0	DAILY	04/18/2020	Y
CUSTOMER SERVI	COLLATERALS	TARGET PARAMETER	ASE_UDF1_NUM	ADDITIONAL PLA	NUMBER	0	DAILY	04/18/2020	Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF7_NUM	ADDITIONAL PLA	NUMBER	0	DAILY	04/21/2020	Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF1_DATE	ADDITIONAL PLA	DATE	0	DAILY	04/21/2020	Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF8_NUM	ADDITIONAL PLA	NUMBER	0	NONE		Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF7_NUM	ADDITIONAL PLA	NUMBER	0	NONE		Y
CUSTOMER SERVI		TARGET PARAMETER	ACC_UDF5_NUM	ADDITIONAL PLA	NUMBER	0	NONE		Y
CUSTOMER SERVI	ACCOUNTS	TARGET PARAMETER	ACC_UDF4_NUM	ADDITIONAL PLA	NUMBER	0	NONE		Y
	Madula	CUSTOMER SERVICE	Paramet	er Name ADDITIONA	L PLACEHOLDER ST		,	Priority 0	
	Entity Type	COLLATERALS TARGET PARAMETER		scription ADDITIONA lata type CHARACTER		TRING 2		equency NONE Enabled 🗹	¥
	Entity Type	COLLATERALS TARGET PARAMETER				RING 2			¥
ormula Definition	Entity Type	COLLATERALS TARGET PARAMETER	D			RING 2			•

- 2. In the **Parameters** section, do one of the following:
  - Use the 'Create Copy' feature to quickly create new parameter with the existing
    parameter details. For Target Parameters, select required record and click 'Create
    Copy'. For Formula Parameters, select required record, specify 'New Parameter' name
    and click 'Create Copy'. The new parameter created this way will be in disabled state
    by default.
  - Add/Edit user defined parameter by performing any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Module	Select the module from the drop-down list. The list is displayed based on the modules that support User Defined Parameters calculation. Currently only Customer Serving (accounts) is supported.
Entity Type	Select the required entity for which calculation is to be defined from the drop-down list. The list is populated based on entity type maintained in CUP_ENTITY_CD lookup code.
	Currently, system supports ACCOUNTS and COLLATERALS entity types.
	Note that, entity can be selected only while creating User Defined Parameter and the same cannot be modified in Edit mode.
Parameter Type	Select the type of parameter to be defined as either Target Parameter or Formula Parameter from the drop-down list.



Field	Do this:				
Parameter Name	For Target Parameter, system displays the list of custom fields available in user defined table for selection. Select the required Parameter from the drop-down list. By default the first field in the user defined table is selected.				
	For Formula Parameter, this is a text field to record the new parameter name. Specify the name of the formula parameter.				
Description	For Target Parameter, the description is auto-populated from user defined table and is Read-Only.				
	For Formula Parameter, specify the description of the formula parameter.				
Data Type	For Target Parameter, the data type associated for the parameter is auto-populated from user defined table and is Read-Only.				
	For Formula Parameter, select the data type as one of the following from the drop-down list - INTEGER, DATE, NUMBER, or CHARACTER				
Priority	Specify the order in which system should evaluate the parameter definitions while executing the batch job or on clicking 'Calculate Parameters' button.				
	For example, if a formula parameter A has dependency on parameter B, then B has to be calculated first in the order and priority is set as '0'.				
Frequency	Select the required frequency at which the target parameters are to be calculated from the drop-down list.				
	Frequency field is applicable only for Target Parameters and the list of frequency supported is populated based on values maintained in CUP_FREQUENCY_TYPE_CD lookup code.				
	Note the following:				
	- Frequency can be defined only in Edit mode.				
	- Frequency is not applicable for Formula Parameters.				
	- Frequency 'None' can be selected for target parameters that are required to be calculated on adhoc basis.				



Field	Do this:
Run Date Next	View the date on which the Target parameter is calculated. The Run Date Next is auto calculated based on frequency defined.
	This field is applicable only for Target parameters and for frequency other than 'None'.
	Note the following:
	- For multi-company implementation, it is recommended to add same User Defined Parameter definition multiple times for each company. This in-turn updates 'Run Date Next' for each company and supports updating values at different zone based on batch job setup.
	- Currently the 'Run Date Next' is updated even if not all the records are computed based on selection criteria. Since this impacts to restart failed records, the same shall be addressed in subsequent patch releases.
Enabled	Check this box to enable the parameter definition.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.6.1 Formula Definition

The **Formula Definition** section allows you to define a mathematical expression of the formula to evaluate the parameter definition. The expression may consist of one or more sequenced entries. All arithmetic rules apply to the formula definition. If errors exist in the formula definition, the system displays an error message in this section when you choose Show Expression.

4. In the **Formula Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Seq	Specify the sequence number (the order in which the formula definition variable will be assembled and evaluated).
(	Specify a left bracket, if you need to group part of your formula definition.



Field:	Do this:
Variable	Select the variable from the drop-down list which consists of a validated list derived from user defined table type as indicated below:
	- For Number, system displays only numeric fields
	- For Date, system displays numeric + date fields
	- For String, system displays numeric + character fields
	Parameters for 'Account' entity type in Customer Service is derived from:
	USER DEFINED: ACCOUNTS FORMULA PARAMETERS
	USER DEFINED: COMMON FORMULA PARAMETERS
	USER DEFINED: COMMON CUSTOMER SERVICE FORMULA PARAMETERS
	Parameters for 'Collateral' entity type in Customer Service is derived from:
	USER DEFINED: COLLATERAL FORMULA PARAMETERS
	USER DEFINED: COMMON FORMULA PARAMETERS
	USER DEFINED: COMMON CUSTOMER SERVICE FORMULA PARAMETERS
Constant	Specify the constant value (optional).
Value	- For Number, system supports only numeric constants
	- For Date, system supports only numeric constants
	- For String, system supports both numeric and character constants
	<b>Note</b> : System displays an error indicating 'VARIABLE OR CONSTANT VALUE IS REQUIRED' if both Variable and Constant Value or None is provided.
Mathematical Operator	Select the math operator to be used on the adjacent formula definition rows, from the drop-down list. The list is derived and displayed based on data type / variable as indicated below:
	- For Number, system allows all numeric operators (+, -, x, and %).
	- For Date, system supports (+ and -) operators.
	- For String, system supports concatenation (i.e. +) operator.
)	Specify a right bracket, if you are grouping part of your formula definition.
Enabled	Check this box to enable the formula and indicate that it is included when building a parameter definition.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

6. In the Parameters section, click 'Show Expression'. The mathematical expression appears in the Formula Expression section (in sequential order) in the Expression field.

## 2.6.2 <u>Selection Criteria</u>

The sub tab is enabled only for Target Parameters and facilitates to define the selection criteria indicating the type of accounts to be picked for computation. The parameters are derived from user defined table - USER DEFINED: ACCOUNT CRITERIA TYPE CODE and USER DEFINED: COLLATERAL TYPE CODE as per Account and Collateral Entity type.



1. In the Selection Criteria section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of the fields is given below:

Field:	Do this:
Seq	Specify sequence numbers.
(	Specify left bracket.
Parameter	Select the parameter from the drop-down list. The list is populated based on the values maintained in user defined table - Customer Service: USER DEFINED: CUSTOMER SERVICE CRITERIA PARAMETERS.
Comparison Operator	Select comparison operator from the drop-down list.
Criteria Value	Specify criteria value.
)	Specify right bracket.
Logical Expression	Select logical operator from the drop-down list.
Enabled	Check this box to enable the selection criteria.

2. Perform any of the Basic Actions mentioned in Navigation chapter.

3. Click 'Check Criteria' for system to validate the query and display the results.

If the formula expression is mathematically incorrect when parameters are calculated, system displays error indicating 'INVALID FORMULA EXPRESSION: <<FORMULA PARMETER>>'.

# 2.7 <u>Transaction Codes</u>

The system uses transaction codes to define the actions and tasks it can perform; for example, activating an account, changing a due date, applying a late fee, and charging off an account.

The Transaction Codes Setup screen catalogs and defines these core system actions.

The system organizes transaction codes in 'Super Groups'. All transaction codes within a particular super group are processed in a similar manner. The transaction super groups in the system are as follows:

Super Group Type:	Description:
ACCOUNT CONDITION TXN	These transaction codes control a user's ability to open and close account conditions.
ACCOUNT MONETARY TXN	These transaction codes affect the monetary value of accounts in the system; for example, activating accrual of interest, the assessment of fees, and closing the account.
ACCOUNT NON MONETARY TXN	These transaction codes do not have a direct effect on the monetary value of the account, but are used in maintaining account information. This includes chang- ing a customer's driving license, or adding information for automated clearing house (ACH).



Super Group Type:	Description:			
AMORTIZATION TXN	These transaction codes affect the amortized balances of the accounts in the system.			
CORRESPONDENCES	These transaction codes relate to the system corre- spondences.			
ESCROW ANALYSIS AND DISBURSEMENTS	These transaction codes allow for reviewing and approving escrow analysis, stopping an escrow over- ride, and posting escrow disbursement.			
ESCROW MONETARY TRANSACTIONS	These transaction codes affect the monetary value of escrow accounts in the system; for example, disburs- ing escrow to a customer and insurance, and receiving payment.			
ESCROW NON MONETARY TRANSACTIONS	These transaction codes do not have a direct effect on the monetary value of an escrow account, but are used in maintaining account information, such as changing insurance maturity date and adding new escrow tax details.			
FEE ASSESSMENTS	These transaction codes determine if fees such as nonsufficient funds fees or membership fees are to be applied.			
FUNDING TXN	These transaction codes affect the funding of applica- tions and accounts within the system.			
ITEMIZATION TXN	These transaction codes affect the itemization of appli- cations and accounts within the system.			
MENU TXN	These transaction codes affect the menus within the system.			
PRODUCER MONETARY TXN	These transaction codes relate to the monetary trans- actions that apply to the the system producers (or "dealers").			
REPORTS	These transaction codes are related to generating the system reports.			
SECURITIZATION TXN	These transaction codes affect the pools of securitized loans or accounts within a pool of securitized loans.			
SETUP LOCK/UNLOCK	These transaction codes limit a user's ability to change the existing setup data, even if they are allowed access to the form, by restricting access to the Lock/ Unlock Record icon on the the system tool bar.			

Super Group Type:	Description:
ACCOUNT CONDITION TXN	These transaction codes control a user's ability to open and close account conditions.



Super Group Type:	Description:
CORRESPONDENCES	These transaction codes relate to the system correspondences.
MENU TXN	These transaction codes affect the menus within the system.
REPORTS	These transaction codes are related to generating the system reports.
SECURITIZATION TXN	These transaction codes affect the pools of securitized loans or accounts within a pool of securitized loans.
SETUP LOCK/UNLOCK	These transaction codes limit a user's ability to change the existing setup data, even if they are allowed access to the form, by restricting access to the Lock/ Unlock Record icon on the system tool bar.

Three sub screens, Parameters, Access Grid, and Products, record any additional information required to perform a transaction, the user types that can perform the transaction, and the product type to which the transaction codes apply.

#### Note

The Software recommends that you restrict the access to the seed data once you are in production.

#### To set up the Transaction Codes

1. Click Setup > Setup > Administration > System > Transaction Codes. The system displays the Transaction Codes screen.



2. In Transaction Super Group section, you can view the following information

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Field	Do this:
Super Group	Select the Super Group you want to work with in the Transaction Codes screen.

- 3. Perform any of the Basic Actions mentioned in Navigation chapter.
- 4. In the **Transaction Codes** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter

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A brief description of the fields is given below:

Field	Do this:
Txn Code	Specify the transaction code (required).
Description	Specify the description for the transaction.
Group	Select the transaction group (the group within the Transaction Super Group that the transaction code belongs to) from the drop-down list.
Action	Select the action type code for the transaction (what action will take place when the transaction occurs) from the drop-down list.
Monetary	Check this box to maintain the transaction as a monetary transaction. If unchecked, then the transaction is nonmonetary.
System Defined Yes/ No	Select 'Yes', if you wish to maintain the transaction code as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If entry is not system defined, then it can be modified.
Enabled	Check this box to enable the transaction.
Txn/Bal Type	Select the transaction / balance type affected by the Transaction from the drop-down list.
Statement Txn Type	Select the statement transaction type (how the transaction should appear on the customer statement) from the drop-down list.
Batch	Check this box to perform the transaction in a batch process.
Manual	Check this box, if the transaction is a manual transaction. If you define a transaction as manual, the system recommends that the transaction that reverses it also be defined as manual.
Stmt Print	Check this box to print the transaction on customer statements.
GL	Check this box, if the transaction is a general ledger transaction.
Event	On selecting this check box, the particular Monetary/Non-Monetary transaction is considered for triggering of respective Monetary and Non-monetary transaction posting Event type. The particular Monetary/Non-Monetary transaction is available while defining Event Actions. For more information, refer to Events (New Framework) section.
Recalc	
Recaic Master Txns	Check this box for system to recalculate and repost consolidated fee at Master Account level. This is done automatically by identifying those monetary transactions which should trigger recalculation of Late Charge, Cycle Based Late Fee and Cycle Based Collection Late Fee at Master Account level when backdated transaction is posted on any Associated Account that is marked for fee consolidation.
	For more information, refer to 'Cycle Based Fees' and 'Fee Consolidation' sections in 'Contract' setup screen.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



## 2.7.1 Transaction Codes sub screens

The Transaction Codes screen contains three sub screens:

- Parameters
- Access Grid
- Products

#### Note

Please contact your System Administrator / Implementation Manager before making any changes in these sub screens.

## 2.7.1.1 Parameters

Here, you can define the parameter information for the associated transaction. The Parameters apply exclusively to these super groups:

- ITEMIZATION TXN
- AMORTIZATION TXN
- PRODUCER MONETARY TXN
- FUNDING TXN
- ACCOUNT CONDITION TXN
- CORRESPONDENCES
- FEE ASSESSMENTS

#### Note

Treat the Transaction Parameters sub screen as containing view-only information. This is very sensitive data and you should not change it without consulting Oracle Financial Services Lending and Leasing.

#### To set up the Parameters

- 1. Click Setup > Setup > Administration > System > Transaction Codes > Parameters.
- 2. In the **Transaction Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Parameter Code	Select the parameter code associated with the transaction code, from the drop-down list.
Default	Specify the default value for the transaction parameter (value to initially populate, or used if no value is supplied).
Sort	Specify the sort order for the transaction parameter.
Displayed? Yes/No	Select 'Yes' to display the parameter and 'No' if you do not want to display in current use.



Field	Do this:
Required? Yes/No	Select 'Yes' if the parameter is required and 'No' if you do not require the parameter. (You must select Required as empty values are not allowed.)

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## 2.7.1.2 Access Grid

The Access Grid sub screen allows you to control access to each transaction according to user responsibility, account status, and account condition. It allows the administrator to control when these transactions may be conducted. Normally, you would create or modify the access based on either the user responsibility or account condition. Account status access is left unchanged.

### To set up the Access Grid sub screen

- 1. Click Setup > Setup > Administration > System > Transaction Codes > Access Grid.
- 2. In the **Transaction User Access Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field	Do this:
Access Type	Select the access grid function type (ACCOUNT CONDITION AND ACCOUNT STATUS) that is being used to control the creation of the associated transaction, from the drop-down list.
Access Value	Select the access function grid value from the drop-down list (based on a lookup associated with the Access Type. Multiple entries for each access type may be created as long as each has a different access value).
Allowed? Yes/No	Select 'Yes' if the access is allowed and 'No' if the access is not allowed (indicates whether the current Access Type / Access Value may create the associated transaction).
System Defined Yes/ No	Select 'Yes', if you wish to maintain access type as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If entry is not system defined, then it can be modified.

3. Perform any of the **Basic Actions** mentioned in Navigation chapter.

## 2.7.1.3 Products

The Products sub screen allows you to define the products to which the transaction codes apply. It allows the administrator to control if the associated transaction code will be available for use for specific product types and or funding types.

Normally, an Access Value of ALL is defined for one or more Access Types with a given Allowed value. Additional Access Values are then defined for the same Access Types with the opposite Allowed value. This controls access to the associated transaction.

#### To set up the Products sub screen

1. Click Setup > Setup > Administration > System > Transaction Codes > Products.



2. In the **Transaction Product Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Product Type	Select the product type associated with the transaction code from the drop-down list.
Funding Type	Select the funding type associated with the transaction code from the drop-down list.
Allowed? Yes/No	Select 'Yes' if the transaction is allowed and 'No' if the transaction is not allowed (indicates whether the current Access Type / Access Value may create the associated transaction).

A brief description of the fields is given below:

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## 2.8 Data Files

The Data Files Setup screen organizes information pertaining to the various input/output data files that the system can generate. The system uses the Data Files Setup screen to outline the file layouts of each data file produced/received within the system, including the length and data type of each column name.

These files are typically produced during the nightly process.

One major advantage for the system-defined data files is the format mask of each column name within each data file. A format mask is like a stencil that forces data input to be of the same format before accepting the data.

You can change the order in which the fields are displayed in the file.

### Note

Any addition or removal of a field or change in the data type length requires the Software involvement.

Data Files screen consists of the following two tabs:

- Output
- Input

## 2.8.1 Output tab

The Output tab in the Data Files screen allows you to define the structure of output data file through the following sections:

- Data File Definitions
- Record Definitions
- Column Definitions

## 2.8.1.1 Data File Definitions

The Data File Definitions section defines specific data files. Each is associated with a specific Output Data Definition (ODD) batch job that gathers the data that the file will contain. While



new data file definitions may be created they will have no use unless a batch job is also created to populate the data.

## To set up Data File Definitions

- 1. Click Setup > Setup > Administration > System > Data Files > Outpout tab.
- 2. In the **Data Files Definitions** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Origination	Data File Defi							4 Add	Edit	) yew	Audit 🔗
Servicing	View 🔻 Format	🕶 🔯 🔲 Fr		J Wrap							
Collections	4		%BANKO%								-
WEP	Name		Description			File Name	Directory Path				efined Yes/No
Tools							UNDEFINED			O Yes@	
tup	BANKO_INTERF	ACE	LNX BANKO INTER	FACE		Lnx_banko_output_\$(COMPANY_CODE.	UNDEFINED			O Yes @	No
Setup		1									
⊿ System						🕞 Save and	Add 📄 Save a	and Stay	Eave an	nd Return	Return
System Parameter E Lookups User Defined Tables	•		* Name				* Directory Path UN	NDEFINED	Save an	nd Return	Ca Return
System Parameter E Lookups User Defined Tables Audit Tables User Defined Defaults			* Name * Description * File Name				* Directory Path UN	NDEFINED Yes  No	<mark>. ∃</mark> <u>S</u> ave an	nd Return	<b>⊘</b> <u>R</u> eturn
System Parameter Lookups User Defined Tables Audit Tables User Defined Defaults Transaction Codes Data Files	Record Defini		* Description * File Name				* Directory Path UN Defined Yes/No ()	NDEFINED Yes  No	Edit		<u>R</u> eturn
System Parameter E Lookups User Defined Tables Audit Tables User Defined Defaults Transaction Codes Data Files Detupe	View <b>v</b> Format	🕶 📑 🖬 Fr	* Description	1 Wrap		* System	* Directory Path UN Defined Yes/No @ * Enabled 🛄	NDEFINED Yes () No			
System Parameter Lookups User Defined Tables Audit Tables User Defined Defaults Transaction Codes Data Files Declupe Securitization Events Bath Jobs			* Description * File Name	D Wrap 🛛 🖓			* Directory Path UN Defined Yes/No ()	NDEFINED Yes () No			
System Parameter Lookups User Defined Tables Audit Tables User Defined Defaults Transaction Codes Data Files Dedupe Securitization Events	View - Format Record Type No data to display.	Description  itions	* Description * File Name			* System	* Directory Path UN Defined Yes/No @ * Enabled 🛄	NDEFINED Yes () No			
System Parameter Lookupo User Defined Tables Juser Defined Definults Transaction Codes Data Files Dedupe Securitation Events Bath. Jobid Producer Cycles Vendors	View 🔻 Format Record Type No data to display.	Description  itions	* Description * File Name eeze Detach @		Data Type	* System	* Directory Path UN Defined Yes/No * Enabled Delimiter	NDEFINED Yes () No 	✓ Edit minator	New New	≪ Aµdit

A brief description of the fields is given below:

Field	Do this:
Name	Specify data file type (name of data file definition).
Description	Specify data file description.
File Name	Specify data file name. Prefix used for files generated for this Data File. This is the only field on the Data File Definitions screen that can or should be modified by your Administrator. The generated file name will be in the form of <file name="">_<company id="">_<branch ID&gt;_<mmddyyyy>_<process id="">.DAT. The inclusion of _<company id=""> and _<branch id=""> depends entirely on the associated batch process.</branch></company></process></mmddyyyy></branch </company></file>
Directory Path	Specify the directory path.
System Defined Yes/No	Select 'Yes', if you wish to maintain the data file definition as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If the entry is not system defined, then it can be modified.
Enabled	Check this box to enable the data file definition.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

### 2.8.1.2 <u>Record Definitions</u>

Each data file definition is made up of one or more record definitions. These define organization of the data. The associated batch file determines how these records are used. The order in which the data is populated determines the order in which those records will



appear in the output file. This is generally related to the order the records appear in the Data File Definition section.

1. In the **Record Definitions** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief descri	ntion of the	fields is	aivon	bolow
A blief descri	puon or the	illeius is	given	Delow.

Field	Do this:
Record Type	Specify the type of record being defined.
Description	Specify record description.
Record Format	Select the format of output data (FIXED, VARIABLE) from the drop- down list.
Delimiter	Specify the delimiter (column separator used with VARIABLE format).
Terminator	Select the record terminator code (how the end of each record is indicated within the file CARRIAGE RETURN, LINE FEED, or CARRIAGE RETURN AND LINE FEED) from the drop-down list.

2. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.8.1.3 Column Definitions

Each record definition is made up of one or more column definitions. These define the output of the data. Much of this data is informational; it indicates what data is being provided by the associated batch job. Unless otherwise noted, the data should not be changed without changing the associated batch job.

1. In the **Column Definitions** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Seq	Specify the order in which the output data dump will process the column information.
Column Name	Specify name/description of the column (informational only).
Data Type	Specify the data type. This describes the type of data the column is expected to contain (CHARACTER, DATE, or NUMBER). This effects how the ODD process handles the data, and should not be changed .
Format Mask	Select the format mask for the column from the drop-down list. For DATE or NUMBER columns, this field defines the output format of the data. For example; Date fields may be entered using the MM/DD/ YYYY format, Number fields may be entered as decimal numbers with varying degrees of precision. Other formats for each data type are available.



Field	Do this:
Length	Specify the column length (the maximum number of characters of the output data to be included in the output file). Each output data details column may contain up to 240 characters of data. If the output data details column contains more data than the length value the data will be truncated. For VARIABLE records the length should be set to "-1" or a Delimited file will be created with FIXED LENGTH columns.
Data Column	Specify the data column sequence. This is the column that will be used to select the data that is being output. This should not be changed.
Output Column	Specify the output column sequence. This is the column that will appear in Output File. The Output Data Dump process allows for the output of 250 columns of data per record. No output column should be repeated in the setup for a record.

2. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.8.2 Input tab

Oracle Financial Services Lending and Leasing facilitates processing of a input data file received from external interface into the system through an automated batch job (IDDPRC\_BJ\_000\_01) triggered on regular intervals.

The Input tab in the Data Files screen allows you to define the input data file through the following sections:

- Input Data File Definitions
- Column Definitions

### 2.8.2.1 Input Data File Definitions

In the Input Data File Definitions section, you can define and maintain the structure of input data file to populate data from external system.

Oracle Financial Services Lending and Leasing also supports bulk upload of data into the system through input file processing for a set of process listed in Setup > Administration > System > Lookups > Lookup Code section.

Lookup Type: INCOMING\_FILE\_TYPE\_CD Description: INCOMING LOG FILE TYPE CODE

In addition, there is also an option for configurable bulk upload of data in which the input file delimiter is configurable to required value. For more information, refer to Configurable Bulk Upload section.

## To set up Input Data File Definitions

- 1. Click Setup > Setup > Administration > System > Data Files > Input tab.
- 2. In the **Input Data Files Definitions** section, you can make use of the copy option to copy the Input file definition and corresponding column definitions. To do so, click on the required record in the list, select the target company for which records needs to be created from 'Company' drop-down list and click 'Create Copy'. The following records are copied:
  - ITU\_TXN\_UPLOAD



- ASSET\_ASE\_UPLOAD
- ASSET\_ATA\_UPLOAD
- ASSET\_ATR\_UPLOAD
- ASSET\_AVL\_UPLOAD
- CURE\_LTR
- BKRP\_NEW
- BKRP UPDATE

Records for above files are created with 'External Table Name' as 'External Table Name\_Company code'.

3. Perform any of the Basic Operations mentioned in Navigation chapter.

a Files										2
tput I	nput									
nnut D	ata File Definitions							🕹 Add 🛛 🥒 Edit	View	Audit
		🚰 Detach 🛛 🚽 Wrap 🛛 🚱	Company ALL	~	Create Copy					
Name		File Name	Description	Directory Path	Delimiter	Record Format	External Table Name	Company	Enabled	
API AC	COUNTS	api acc 111.dat	ACCOUNTS RECORD	API		VARIABLE	API ACC LOAN E.	. ALL	Y	
	COUNT ACH DETAILS	api ach 111.dat	ACCOUNT ACH RECORD	API		VARIABLE	API ACH LOAN E.		Y	
	COUNT_BALANCES	api_abl_111.dat	ACCOUNT BALANCES REC	API		VARIABLE	API_ABL_LOAN_EX		Y	_
APL AC	COUNT BALANCES AMORTIZE	api aba 111.dat	ACCOUNT BALANCES AMO	API		VARIABLE	API ABA LOAN E.	. ALL	Y	
API_AC	COUNT_BKRP_HISTORY	api_abh_111.dat	ACCOUNT BANKRUPTCY H	API		VARIABLE	API_ABH_LOAN_E.	ALL	Y	
API_AC	COUNT_CONDITIONS	api_aco_111.dat	ACCOUNT CONDITIONS R	API		VARIABLE	API_ACO_LOAN_E.	. ALL	Y	
API_AC	COUNT_PMT_CHG_SCH	api_art_111.dat	ACCOUNT PAYMENT CHAN	API	,	VARIABLE	API_ART_LOAN_E.	ALL	Y	
API_ACCOUNT_RATE_SCHEDULE		api_acr_111.dat	ACCOUNT RATE SCHEDUL	API	,	VARIABLE	API_ACR_LOAN_E.	ALL	Y	
API_ACCOUNT_REPMT_SCHEDULE		apl_acp_111.dat	ACCOUNT REPAYMENT SC	API	,	VARIABLE	API_ACP_LOAN_EX	(T ALL	Y	
API_AS	ISETS	api_ase_111.dat	ASSETS RECORD	API		VARIABLE	API_ASE_LOAN_E	(T ALL	Y	
olumn	Definitions							ት Add 🛛 🥖 Edit	View	🖋 Audit
View 🔻	Format 🔻 🛃 🦷 Freeze	🚰 Detach 🛛 🚽 Wrap 🛛 🚷								
Seq	Column Name	Column Description			Data Typ	e Format Mask	Length	Sort	Enabled	
194	ACC_AAG_END_DT	ACCOUNT AAG END DATE			DATE	MM/DD/YYYYY	8	194	Y	
195	ACC_AAG_IND	ACCOUNT AAG INDICATOR			CHARACT	ER NOT APPLIC	30	195	Y	
193	ACC_AAG_START_DT	ACCOUNT AAG START DATE			DATE	MM/DD/YYYYY	8	193	Y	_
8	ACC_ACCRUAL_DT_LAST	ACCOUNT ACCRUAL DATE LAST			DATE	MM/DD/YYYY	8	8	Y	
210	ACC_ACCRUAL_DT_START	ACCOUNT ACCRUAL DATE START			DATE	MM/DD/YYYY	8	210	Y	
9	ACC_ACCRUAL_STOP_IND	ACCOUNT ACCRUAL STOP INDIC/			CHARACT			9	Y	
24		ACH ACCOUNT NUMBER CURREN			CHARACT			24	Y	
23		. ACH ACCOUNT TYPE CODE INDIC			CHARACT			23	Y	
21		ACCOUNT ACH BANK NAME CURF			CHARACT			21	Y	
22	ACC_ACH_BANK_ROUTING_	. ACCOUNT ACH BANK ROUTING N	UMBER CURRENT		CHARACT	ER NOT APPLIC	30	22	Y	_

A brief description of the fields is given below:

Field	Do this:
Name	Specify a unique name for the input data file.
File Name	Specify the data file name with the correct prefix.
Description	Specify data file description.
Directory Path	Specify the directory path configured within OFSLL Database server to process the input data file.
Delimiter	Specify the delimiter used to separate column data. (Ex: Comma).
Record Format	System defaults the record format as 'VARIABLE'.
External Table Name	View the name of external table from which input data is populated.
Company	View the company name selected in external table.
Enabled	Check this box to enable the input data file definition.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



## 2.8.2.2 Column Definitions

Each input data file definition is made up of one or more column definitions. These define the structure of data to be loaded from external system.

1. In the **Column Definitions** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:					
Seq	Specify the order in which the input data dump will process the column information.					
Column Name	Specify name of the column.					
Column Description	Specify description of the column.					
Data Type	Select the data type from the drop-down list. The selected data type describes the type of data the column is expected to contain such as INTEGER/DATE/NUMBER/CHARACTER. This effects how the input data file processing handles the data, and should not be changed.					
Format Mask	Select the format mask for the column from the drop-down list. The list displays the format depending on the Data Type selected.					
	For example; Date fields may be entered using the MM/DD/YYYY format, Number fields may be entered as decimal numbers with varying degrees of precision. Other formats for each data type are available.					
Length	Specify the column length (the maximum number of characters of the data to be included in the input file).					
	Each input data details column may contain up to 240 characters of data. If the output data details column contains more data than the length value the data will be truncated. For VARIABLE records the length should be set to "-1" or a Delimited file will be created with FIXED LENGTH columns.					
Sort	Specify the order in which the column definitions are to be sorted for display in the external interface screen (Customer Service > External Interfaces). There can be a maximum of 61 column definitions.					
Enabled	Default selected. If not, you can check this box to enable the column definition.					

A brief description of the fields is given below:

2. Perform any of the **Basic Actions** mentioned in Navigation chapter.

## 2.8.2.3 Configurable Bulk Upload

In the process of configurable bulk upload of data, the input file delimiter is configurable to required value and data is processed based on the column definitions defined. This option is supported for Transactions and Collateral uploads to create new transactions and asset records in bulk.



For bulk upload of data, the input CSV (comma separated values) file is to be constructed in specific format as defined in Setup > Data Files > Input screen's 'Input Data File Definitions' and 'Column Definitions' sections.

Seq	Column Name	Column Description	Data Type	Length	Sort
1	ASE_OPERA- TION_IND	OPERATION IND	CHARACTER	30	1
2	ASE_NBR	ASSET NUMBER	NUMERIC	30	2
3	ASE_REGN_DT	REGISTRATION DATE	DATE	30	3

For example, consider the following Column Definition details:

If the delimiter in Input Data file definitions is set as ',' (comma), then the csv can be constructed in same format and sequence of column definition as indicated below with each row as one record:

ASE\_OPERATION\_IND,ASE\_NBR,ASE\_REGN\_DT NEW,20151200010476,12/08/2015 EXISTING,20111300010468,13/10/2011 NEW,20101400010812,14/11/2016

The CSV file is to be paced in the directory path/work area which is the base path defined in system parameter - UIX\_INCOMING\_FILE\_PATH (INCOMMING FILE PATH OF APP SERVER) by the system administrator and further appended by the configurable sub folder name such as ITU or ICC. For example: /scratch/work\_area/<domain name>/input/itu.

Following are the Lookup code maintained in Setup > Administration > System > Lookups > Lookup Code section for respective process type:

Process Type	Lookup Code	Description
Transaction File Upload	ITU	TRANSACTION UPLOAD
Asset File Upload	ICC	INPUT CREATE COLLATERAL

- For Transaction File Upload, only one csv file can be created with multiple records and on processing, the data is populated into Servicing > Customer Service > Transaction > History > Transactions tab.
- For Asset File Upload, separate csv files are to be created to upload the data into Collateral Management screen's Collateral details, Valuation, Addons/Attributes, and Tracking sections respectively.

On executing the scheduled batch job in SET-IFP, IDDPRC\_BJ\_000\_02 (BULK INPUT DATA INSERTION), the data in csv file is processed and is displayed in Servicing Customer Service > External Interfaces tab. Such data does not need authorization and is directly uploaded on validating the sequence, position, and format.

The status of batch job can be viewed in DashBoard > System Monitor > Batch Jobs screen. The records which resulted in error are listed in the bad file.

## 2.9 Events

In the current version of Oracle Financial Service Lending and Leasing, the Events framework has undergone changes in the processing type from earlier Engine based framework to Entity



based framework and OFSLL is enabled to support both old and new type of events processing.

If you have upgraded from an older version of OFSLL, the existing events listed in 'Event Types' tab and action types listed in 'Event Action Types' tab will still be functional as intended but cannot be added or modified. Along with these two tabs, the data in 'Online' and 'Batch' tab are also displayed in read-only mode. However, new events and action types can only be created in 'Events' tab.

- For existing events defined in the system, refer to Events (Existing Framework).
- To work with new events framework, refer to Events (New Framework).

## 2.9.1 Events (Existing Framework)

During Origination, when an application moves from one status/sub status to another, or changes condition, the system can trigger an event and perform the associated event actions. This can occur either online or in batch mode.

#### Note

Only predefined events and actions can be set up on the Events Setup screen. You cannot create new event types or action types.

As processing events and associated actions require additional processing at the server level, the performance of the transactions, for which the events are setup, may be adversely affected dependent upon your specific configuration.

In the Events screen you can view "trigger events" with associated actions which the system performs during application entry. The fields on this screen are both system and user defined. There are four sub screens on the Events screen to set up and maintain these events:

- Events Types
- Event Action Types
- Online
- Batch

Event Types and Action Types sections of this screen provide a master table for setting up the online and batch events. This setup triggers the event, which in turn triggers the actions associated with the events, during application entry.

#### **Navigating to Events**

 On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Events.

### 2.9.1.1 Event Types

Click Setup > Setup > Administration > System > Events > Line of credit > Events Types.



2. In the Event Types tab, you can view the existing events and its details maintained in the system.

DashBoard	Events ×						<b>X</b> Q
Origination	Loan Line Lease						
Servicing	Event Types Event Action Types Online Batch						
Collections	cvent rypes even	Action rypes Connie Dater					
WFP	Event Types						
	View - Format -	Freeze Detach & Wrap	63				
Tools	Event Type Code	Description	Process Type	Entity Type	Engine Type	Enabled	Svs
etup	EVE01	ACCOUNT LEVEL BATCH EVENT #01	BATCH	ACCOUNTS	MONETRARY TRANSACTIONS PROCESSING	Enabled	0 ×
Setup ^	EVE01	APPLICATION LEVEL BATCH EVENT #01	BATCH	APPLICATIONS	CREDIT BUREAU PROCESSING	Y	0
4 Administration	EVE02	ACCOUNT LEVEL BATCH EVENT #02	BATCH	ACCOUNTS	MONETRARY TRANSACTIONS PROCESSING	Y	0
<ul> <li>System</li> <li>System Parameter</li> </ul>	EVE02	APPLICATION LEVEL BATCH EVENT #02	BATCH	APPLICATIONS	CORRESPONDENCE	×	0
Lookups	EVE02	ACCOUNT LEVEL BATCH EVENT #03	BATCH	ACCOUNTS	CONDITION/ASSIGNMENT PROCESSING	Y	0
User Defined Tables	EVE03	APPLICATION LEVEL BATCH EVENT #03	BATCH	APPLICATIONS	APPLICATION STATUS CHANGE	Y	0
Audit Tables	EVE04	ACCOUNT LEVEL BATCH EVENT #04	BATCH	ACCOUNTS	CONDITION/ASSIGNMENT PROCESSING	Y	۲
User Defined Defaults	EVE04	APPLICATION LEVEL BATCH EVENT #04	BATCH	APPLICATIONS		Y	۲
Transaction Codes	EVE05	ACCOUNT LEVEL BATCH EVENT #05	BATCH	ACCOUNTS	CONDITION/ASSIGNMENT PROCESSING	Y	۲
Dedupe	EVE05	ARPLICATION LEVEL BATCH EVENT #05	BATCH	APPLICATIONS		Y	
Securitization		13	III				
Events Batch Jobs Producer Cycles							
Vendors Collection Cycles							
Reports Error Messages							
Translations							
⊿ User							
Organization							
Companies							
Access Users							
Credit Bureau							
Correspondence							
General Ledger							
Queues							
Printers							
Printers							

A brief description of the fields is given below:

Field:	Do this:
Event Type Code	View the event type code.
Description	View the event description.
Process Type	View the event action processing type (BATCH or ONLINE).
Entity Type	View the entity type (ACCOUNTS or APPLICATIONS).
Engine Type	View the engine type (MONETARY TRANSACTIONS PRO- CESSING, NON-MONETARY TRANSACTION PROCESSING, CONDITION/ASSIGNMENT PROCESSING, APPLICATION STA- TUS CHANGE, CREDIT BUREAU PROCESSING, LETTERS PROCESSING or CORRESPONDENCE).
Enabled	'Y' indicates event type is enabled and 'N' indicates disabled.
System Defined	If 'Yes' indicates that the event type is system defined. If 'No' indicates that the event type is user defined.

## 2.9.1.2 Event Action Types

The **Event Action Types** section is system defined and lists the action codes supported in the system.



1. Click Setup > Setup > Administration > System > Events > Line of credit > Event Action Types.

DashBoard	Events ×					×
Origination	Loan Line Lease					
Servicing	Event Types Event Action Types Online Batch					
Collections						
WFP	Event Action Types					
Tools	View 🗸 Format 🗸 📑 Freeze 🛃 Detach	h 避 Wrap 🚱				
etup	Action Code	Description	Process Type	Entity Type	Engine Type	Enabled
1022 T	POST_CONDITION_TRANSACTION_ACC_ONLINE	POST CONDITION TRANSACTION	ONLINE	ACCOUNTS	CONDITION/ASSIGNMENT PROCESSING	Y
Setup	POST_MONETARY_TRANSACTION_ACC_ONLINE	POST MONETARY TRANSACTION	ONLINE	ACCOUNTS	MONETRARY TRANSACTIONS PROCESSING	Y
4 System	POST_NON_MONETARY_TRANSACTION_ACC_ON	POST NON MONETARY TRANSACTION	ONLINE	ACCOUNTS	NON-MONETRAY TRANSACTION PROCESSING	Y
System Parameter	SEND_CRB_REQ_ACC_ONLINE	SEND CREDIT BUREAU REQUEST	ONLINE	ACCOUNTS	CREDIT BUREAU PROCESSING	Y
Lookups	SEND_CRB_REQ_APP_ONLINE	SEND CREDIT BUREAU REQUEST	ONLINE	APPLICATIONS	CREDIT BUREAU PROCESSING	Y
User Defined Tables	SEND_LETTER_ACC_BATCH	SEND LETTER	BATCH	ACCOUNTS	LETTERS PROCESSING	Y
Audit Tables	SEND_LETTER_ACC_ONLINE	SEND LETTER	ONLINE	ACCOUNTS	LETTERS PROCESSING	Y
User Defined Defaults Transaction Codes =	SEND_LETTER_APP_BATCH	SEND LETTER	BATCH	APPLICATIONS	LETTERS PROCESSING	Y
Data Files	SEND_LETTER_APP_ONLINE	SEND LETTER.	ONLINE	APPLICATIONS	LETTERS PROCESSING	Y
Producer Cycles Vendors Collection Cycles Reports Error Messages Trandations */ User Organization Companies Access Users Contel Bureau Correspondence General Ledger Queues Printers	ъg					

A brief description of the fields is given below:

Field:	Do this:
Action Code	View the action code.
Description	View the action description.
Process Type	View the event action processing type (BATCH or ONLINE).
Entity Type	View the entity type.
Engine Type	View the engine type.
Enabled	'Y' indicates event action type is enabled and 'N' indicates disabled.
System Defined	If 'Yes' indicates that the event action type is system defined. If 'No' indicates that the event action type is user defined.

# 2.9.1.3 Online

The Online tab allows you to view the online events defined in the system along with the event criteria actions. The system supports the following online events:

- CHG OFF Reversal
- Paid Off Reversal
- BKRP is closed
- BKRP Is Opened
- When Queue is Closed
- When status/ Sub status changed to 'Approved- Rehashed'
- Account condition SCHG is closed



- Account condition SCHG is Opened
- Change in application status / sub status to APPROVED REHASHING

The events that can be performed online after each of the events listed above are as follows:

- Generate correspondence for an application
- Send a credit bureau request for an application.

#### To view Online Event

#### Click Setup > Setup > Administration > System > Events > Line of credit > Online.

DashBoard	Events ×										8
> Origination	Loan Line	Lease									
Servicing	Event Types	Event Actio	n Types Onlin	e Batch							
Collections											
> WFP	Events										
> Tools	View 👻 F	Format 👻 📱	Freeze	Detach 🚽	Wrap						
Setup	Event C	ode		Event Type				Frequency	Synchron N	nous	Enabled N
Setup 🔺	TEST2					m		DAILY	N		N
4 Administration	13										
<ul> <li>System</li> <li>System Parameter</li> </ul>	Event C	riteria									
Lookups	View 👻 F	Format 👻 🚦	Freeze	Detach 🚽	Wrap 🚷	Check Criteria					
User Defined Tables Audit Tables	Query N		Descript	tion						Enabled	ł
User Defined Defaults Transaction Codes Data Files Dedupe	No data to o	display.									
	Criteria	Details Acti	00								
	Criteria		📑 🗌 Freez	re 🛃 Detach 🧠		Comparison Operator	Criteria Value	)	Logical Expression	Enabled	
	No data t			Paraliteter				5	Lugical Expression	Lindbed	
User Companies Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details Standard Payees Currencies											

A brief description of the fields is given below:

Field:	Do this:
Event Code	View the event code.
Event Type	View the event type.
Synchronous	'S' indicates that the event is synchronous (i.e. any failure in triggering the event will fail to trigger the entire transaction). If 'A' indicates that the event is asynchronous (i.e. any failure in the event will not affect the transaction, which will be successfully completed).
Enabled	'Y' indicates event type is enabled and 'N' indicates disabled.

The Event Criteria section allows you to view the query defined for an event.

Field:	Do this:
Query Name	View the query name.
Description	View the query description.



Field:	Do this:
Enabled	'Y' indicates event criteria is enabled and 'N' indicates disabled.

## **Criteria Details**

The Criteria Details sub tab allows you to view the defined selection criteria for the event. System uses these criteria to determine which application to include in the event action.

A brief description of the fields is given below:

Field:	Do this:
Seq	View sequence number.
(	Indicates opening bracket.
Parameter	View the parameter selected for the criteria.
Comparison Operator	View the comparison operator selected for the criteria.
Criteria Value	View the criteria value.
)	Indicates closing bracket.
Logical Expression	View the logical operator selected for the criteria.
Enabled	'Y' indicates event selection criteria is enabled and 'N' indicates disabled.

## Actions

In the Actions sub tab, you can view the actions that the system performs when event is triggered. There can be more than one event action for a particular event and the Seq field defines the order in which the event action should occur.

A brief description of the fields is given below:

Field:	Do this:
Description	View the event action description.
Seq	View sequence number defined for the action.
Enabled	'Y' indicates event action is enabled and 'N' indicates disabled.

For each event action, view the **Action Parameters** defined. A brief description of the fields is given below:

Field:	Do this:
Description	View the parameter description.
Value	View the parameter value.
Required	'Y' indicates action parameter is required and 'N' indicates not-required



# 2.9.1.4 Batch

The Batch screen allows you to view the events performed as a batch transaction by the system. The system supports the following predefined batch events for application processing. (These batch events are listed in the Events Types tab):

- APPLICATION LEVEL BATCH EVENT #01
- APPLICATION LEVEL BATCH EVENT #02
- APPLICATION LEVEL BATCH EVENT #03
- APPLICATION LEVEL BATCH EVENT #04
- APPLICATION LEVEL BATCH EVENT #05
- APPLICATION LEVEL BATCH EVENT #06
- APPLICATION LEVEL BATCH EVENT #07
- APPLICATION LEVEL BATCH EVENT #08
- APPLICATION LEVEL BATCH EVENT #09
- APPLICATION LEVEL BATCH EVENT #10

## To view the Batch Event

#### Click Setup > Setup > Administration > System > Events > Line of credit > Batch.

DashBoard	Even	nts ×									
Origination	Loar	Line Lease									
Servicing	E		Action Ty	pes Online Batch							
Collections		rent types - Event	ACCOUTE 9	pes crime bacch							
WEP	E I	Events									
Tools		View - Format -		TFreeze Detach	لي) Wrap	62					
etup		Event Code		Event Type				Frequency	Synchro	nous	Enabled
Setup		TEST3						DAILY	N		N
<ul> <li>Administration</li> <li>System</li> <li>System Parameter</li> <li>Lookups</li> </ul>	I	Event Criteria View • Format •		🔲 Freeze 🛛 🗃 Detach	Wrap لیے	🝓 🛷 Check Criteria					
User Defined Tables		Query Name		Description						Enable	ed
Audit Tables User Defined Defaults		TEST3		TEST3						N	
Events		Criteria Details		Freeze Toetach	Wrap لے	ଖିଥ					
			Seq (	Paramete		Comparison Operator	Criteria Value	)	Logical Expression	Enabled	
Batch Jobs Producer Cycles Vendors Collection Cycles Bror Messages Translations Corpanization Companies Acces Users Cordel: Bureau Correspondence Gemeral Ledger Queues Printers Bank Details Check Details Check Details Standard Payees Qurropics			0	PRODUCT		EQUAL	ТЕБТЗ				

Field:	Do this:
Event Code	View the event code.
Event Type	View the event type.
Frequency	View the event frequency.
Enabled	'Y' indicates event type is enabled and 'N' indicates disabled.



The **Events Criteria** section allows you to view the query name and event description defined for an event.

Field:	Do this:
Query Name	View the query name.
Description	View the event description.
Enabled	'Y' indicates event criteria is enabled and 'N' indicates disabled.

A brief description of the fields is given below:

#### Criteria Details

The Criteria Details sub tab allows you to view the defined selection criteria for the event. System uses these criteria to determine which application to include in the event action.

Field:	Do this:
Seq	View sequence number.
(	Indicates opening bracket.
Parameter	View the parameter selected for the criteria.
Comparison Operator	View the comparison operator selected for the criteria.
Criteria Value	View the criteria value.
)	Indicates closing bracket.
Logical Expression	View the logical operator selected for the criteria.
Enabled	'Y' indicates event selection criteria is enabled and 'N' indicates disabled.

A brief description of the fields is given below:

#### Action

In the Actions sub tab, view the actions that the system performs after the event is triggered. There can be more than one event action for a particular event. The Seq field defines the order in which the event action should occur. System supports the following batch event actions:

- Send letter for an application
- Generate correspondence for an application

Field:	Do this:
Description	View the event action description.
Seq	View sequence number defined for the action.
Enabled	'Y' indicates event action is enabled and 'N' indicates disabled.



For each event action, view the **Action Parameters** defined. A brief description of the fields is given below:

Field:	Do this:
Description	View the parameter description.
Value	View the parameter value.
Required	'Y' indicates action parameter is required and 'N' indicates not-required

# 2.9.2 Events (New Framework)

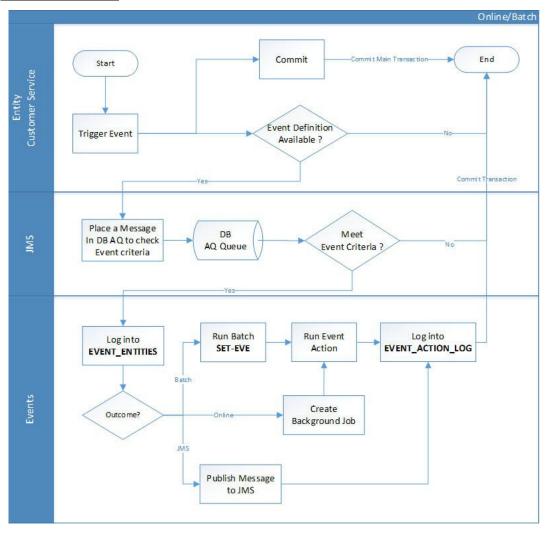
Events in OFSLL refers to user/system generated actions on the system such as updating an account condition as delinquent or moving the status of a collateral from 'INACTIVE' to 'ACTIVE' and so on. Whenever such a type of event occurs some defined action can be performed by the system.

When there is change in entities like Account, Customer and so on by performing an insert/ update operation on the base table, system can trigger a defined event with an associated event action to expose the same for third-party applications through JMS message or perform OFSLL actions like posting Comment/Call Activity and so on.

The Events tab serves as a common framework for Loan, Line and Lease modules. In a single flow you can define 'events' with associated actions for entities like Account, Customer and so on with the type of processing mode as either Online or Batch mode. Further, you can define one or more event criteria as a trigger when the corresponding event occurs. For each defined criteria you can define the available event action and associated action parameter(s) to initiate corresponding action in external / internal system.



# **Events Workflow**



As per the above workflow:

- During Servicing stage, when an event is triggered, the main transaction is committed and a new parallel transaction is created to check if there is an event definition available.
- If there is an event definition available, system places an AQ (Advanced Queueing) message in database to check for any matching event criteria. There can be one or more criteria for an event in database which is further evaluated to get the matching criteria. On identifying a matching criteria, the defined event with criteria is logged into event entities.
- Based on the Event Type, system executes the associated Event Actions.
  - If the event is configured to Batch mode, the event action is performed when the following batch jobs - EVEPRC\_BJ\_100\_01 (BATCH EVENTS PROCESSING for the Entities Account/Application/Assets) and/or EVEPRC\_BJ\_100\_03 (BATCH EVENTS PROCESSING for the Entities Customer/Business/Vendors/Producers) is executed.
  - If the event is configured to Online mode, system performs the corresponding actions immediately.
- If the Event Action is defined as JMS, a json message is generated with the below format. You can configure additional details into the message by using response User



Defined Tables. The data added in this table will be represented in Custom Block as illustrated in the example below.

K	"EventDetail": { "EventID": 8535, "EventType": "ACC_CREATE", "EventMessage": "ACO CREATE ACCOUNT LINE", "EntityNbr": "201xxxxxxx9", "EventStartDt": "2019-04-05T02:48:35", "EventProcessedDt": "2019-04-05T02:48:35", "Custom": [
	<pre>"CustomTabName": "User Defined Table 1", "DateData" : [{     "KeyName": "CreationDate",     "KeyValue": "2017-12-18T00:00:00" }], "NumberData" : [{     "KeyName": "BusinessPhoneNumber",     "KeyValue": 1234567890 }], "StringData" : [{     "KeyName": "OrgName",     "KeyNalue": "OrgName"</pre>
	<pre>"KeyValue": "Oracle" }]  {     "CustomTabName": "User Defined Table 2",     "DateData" : [{         "KeyName": "CreationDate",         "KeyNalue": "2017-12-18T00:00:00" }],     "NumberData" : [{         "KeyName": "BusinessPhoneNumber",         "KeyName": 1234567890 }],     "StringData" : [{         "KeyName": "OrgName",         "KeyNalue": "OrgName",         "KeyN</pre>
}	"Keývalue": "ořacle" }] }] }

• The following table indicates parameters available for JMS action type definition.

Parameter	Description	Display
EVENTID	System Generated Sequence	N
EVENTTYPE	Lookup Code of Event Type Code	N
EVENTMESSAGE	User entered event action message.	Y
ENTITYNBR	Entity Number. For example, Account / Customer Number	N
EVENTSTARTDATE	Event Generation Date and Time	N
EVENTPROCESSDATE	Event Process Date and Time	Ν

#### Note

The parameter marked as 'Y' in Display column are only available in event action screen for user configuration. Other parameters are system defined and will be part of every event.

- For each Event Action, there is a User Defined Table maintained in the system and the same is configurable. There is also User Defined Table maintained based on Response Parameters and the response fields can be used to configure Entity Key, Non-Key and Data columns for custom block of json message. Following combination of Event to UDT mapping are maintained in the system:
  - Entity Type | Event | Criteria UDT Type
  - Entity | Event Action | UDT Type | UDT Response Type

For complete list of the Events and Actions mapping maintained in the table 'event\_action\_type\_mapping', refer to the reference below:



## https://docs.oracle.com/cd/F40454\_01/pdf/refdocs/Events\_UDT\_Mapping.pdf

# Navigating to Events

On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Administration > System > Events > Events** tab.

## To define an Event

1. Click Setup > Setup > Administration > System > Events > > Events tab.

							2
an Line Lease <b>Events</b>							
vents				🕂 Add	🖉 Edit	View	🖋 Audit
View 🔻 Format 👻 🔛 F	reeze 🚮 Detach 🚽 Wrap 🥫	2					
Event Code	Description	Entity Type	Event Type			Processing 1	Type
CUST ADDR UPDATE	CUST ADDR UPDATE	CUSTOMERS	EVENT TO PROCESS ACTIONS WHEN ADDRESS DATA IS UPD/	ATED		ONLINE	
EVENT_TNM_POST	CALL ACTIVITY POST	ACCOUNTS	EVENT TO PROCESS ACTIONS WHEN NEW NON MONETARY R	ECORD IS POS	TED	ONLINE	
INSERT_CALL_ACTIVITY	CALL ACTIVITY	PRODUCERS	EVENT TO PROCESS ACTIONS WHEN PRODUCER DATA IS UP	DATED		ONLINE	
SEC_ADD_ACC_POOL_BATCH	SEC_ADD_ACC_POOL_BATCH	SECURITIZATION	EVENT TO PROCESS ACTION WHEN NEW ACCOUNT ADDED T	O POOL		BATCH	
SEC_ADD_ACC_POOL_ONLINE	SEC_ADD_ACC_POOL_ONLINE	SECURITIZATION	EVENT TO PROCESS ACTION WHEN NEW ACCOUNT ADDED T	O POOL		ONLINE	
SEC_REM_ACC_POOL_BATCH	SEC_REM_ACC_POOL_BATCH	SECURITIZATION	EVENT TO PROCESS ACTION WHEN ACCOUNT REMOVED FRO	M POOL		BATCH	
SEC_REM_ACC_POOL_ONLINE	SEC_REM_ACC_POOL_ONLINE	SECURITIZATION	EVENT TO PROCESS ACTION WHEN ACCOUNT REMOVED FRO	M POOL		ONLINE	
View 🔻 Format 👻 🔝 E	reeze R Detach & Wran	Check Criteria		📌 Add	🥖 Edit	_	
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	escription	🔮 🛷 Check Criteria				Enable Y	d
Query Name De CUST ADDR UPDATE ONLINE CU	escription	Check Criteria					d
Query Name De CUST ADDR UPDATE ONLINE CU	escription	Check Criteria				Y	
Query Name Dr CUST ADDR UPDATE ONLINE CU Criteria Details Action Actions	escription	Check Criteria	(	Add 🧳		Y	
Query Name Dr CUST ADDR UPDATE ONLINE CO Criteria Details Action Actions View + Format + 📑	escription IST ADDR UPDATE ONLINE					Y	
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Query Name De CUST ADDR UPDATE ONLINE CO Criteria Details Action Actions View × Format × 🙀 11 Action Type PoST COMMENT	IST ADDR UPDATE ONLINE		Seq Enabled 0 N			Y	
Query Name Di CUST ADDR UPDATE ONLINE CO Oriteria Details Action Actions View + Format + Di Action Type POST COMMENT WEEHOOK	Scription IST ADOR UPDATE ONLINE Freeze I Detach 이 에 Wrap Action Code NORE NORE		Seq Enabled 0 N 1 Y			Y	

Field:	Do this:
Event Code	Specify the unique event code.
Description	Specify the event description.
Entity Type	Select the entity type from the drop-down list. The list is popu- lated based on EVENT_ENTITY_TYPE_CD lookup code.
Event Type	Select the event identification type for the entity from the drop- down list. The list is populated based on EVENT_TYPE_CD lookup code.
Processing Type	Specify the processing type as either ONLINE or BATCH from the drop-down list. The list is populated based on EVENT_PROCESS_TYPE_CD lookup code.
	- For Online events, when the event is triggered corresponding actions are processed immediately. Here all the event action executions are asynchronous and does not impact main transaction.
	- For Batch events, the event is triggered when the following batch jobs - EVEPRC_BJ_100_01 (BATCH EVENTS PRO- CESSING for the Entities Account/Application/Assets) and/or EVEPRC_BJ_100_03 (BATCH EVENTS PROCESSING for the Entities Customer/Business/Vendors/Producers) is executed and actions are processed.



Field:	Do this:
Enabled	Check this box to activate the event type.

In the **Event Criteria** sub tab, you can create a query to an event.

3. In the **Event Criteria** sub tab, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Query Name	Specify the unique query name.
Description	Specify the event criteria description.
Enabled	Check this box to enable the event criteria.

4. Perform any of the Basic Actions mentioned in Navigation chapter.

#### **Criteria Details**

The Criteria Details sub tab allows you to define the selection criteria for the event. System uses these criteria to determine which application to include in the event action.

5. In the **Criteria Details sub tab**, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Seq	Specify sequence number.
(	Specify the opening bracket.
Parameter	Select the parameter from the drop-down list.
Comparison Operator	Select comparison operator from the drop-down list.
Criteria Value	Specify the criteria value.
)	Specify the closing bracket.
Logical Expression	Select the logical operator from the drop-down list.
Enabled	Check this box to enable the criteria details.

6. Perform any of the Basic Actions mentioned in Navigation chapter.

## Actions

In the Actions sub tab, you can define the event action that the system need to perform when the event is triggered. You can define more than one event action for a particular event and use the Seq field to define the order in which the event action should occur.

7. In the **Action** sub tab, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:
Action Type	Select the action type from the drop-down list. The list is populated based on EVENT_ACTION_TYPE_CD lookup code.
Action Code	The action code is displayed as 'None' by default.
Seq	Specify the sequence number of executing the event action.
Enabled	Check this box to enable the event action.

8. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## **Action Parameters**

In the **Action Parameters** sub tab, you can define the action parameters with corresponding values for each event action.

- 9. To define the Action Parameters, in the **Action** sub tab, click Add or Edit. You can also perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.
- 10. Click 'Load Parameters'. The applicable Action Parameters are loaded for update.

Field:	Do this:
Description	System auto populate the description from user defined table based on Action code selected.
Value Type	Select the value type as one of the following which is to be included dur- ing event action execution from the drop-down list. The list is populated based on EVENT_VALUE_TYPE_CODE lookup code.
	- CONSTANT
	- SYSTEM DRIVEN
	- USER INPUT
	- COLUMN VALUE (For this value type, the Action Parameter values are displayed from User Defined Tables based on the Event Type. However, note that if the column value cannot be fetched due to multiple records or if no record exist, then action parameter value is displayed blank/null).
	Currently the Column Value is configured to refer only Accounts table (Entity Type) and can process the following Event Actions Type:
	- POST COMMENT
	- POST MONETARY TRANSACTION
	- POST NON MONETARY TRANSACTION
	For SEND CORRESPONDENCE Action Type, there are additional parameters - USER DEFINED ELEMENT and USER DEFINED CON- STANT available in Setup > Correspondence screen to provide input dur- ing execution of Event Action. The same is available in Events screen and can be modified before triggering the event action.



Field:	Do this:				
Value	If the Value Type is selected as CONSTANT, specify the required action parameter value.				
If the Value Type is selected as SYSTEM DRIVEN, you can add t lowing values for system to derive the parameter values during th cution of the Event.					
\$GLDATE - GL DATE System Parameter Value					
\$PAYMENTAMOUNT - Account Monthly Payment Amount					
	\$OUTSTANDINGAMOUNT - Account Total Outstanding Amount				
	\$RATE - Account Rate				
	\$TOTALTERM - Account Total Term				
	\$AVAILABLETERM - Account Available Term				
Required	'Y' indicates the action parameter is required, else No.				

# 2.9.3 Monitoring JMS Event Actions

You can verify the status of events and event actions on the Monitor Jobs screen of the System Monitor screen.

## To monitor events

 On the Oracle Financial Services Lending and Leasing home screen, click Dashboard > Dashboard > System Monitor > JMS Queues.

The JMS Queues screen displays the 'Status' for all asynchronous events processed in the system.

For more details, refer to Dashboard > System Monitor section in any of the User Guides.

# 2.10 Batch Jobs

"Batch jobs" refer to the back-end processes that automatically run at a certain time. There are two types of batch jobs:

- Business processes (such as billing and delinquency processing)
- Housekeeping tasks (such as application aging and application purging)

# 2.10.1 Batch Jobs

The Batch Job screen allows you to set up, monitor, and maintain batch jobs in the system.

Batch jobs can be set up to be performed on a daily, weekly, monthly, and ad-hoc basis. Batch jobs can also be configured to trigger an e-mail or phone message if a batch job fails.

Critical batch jobs control job flow and system date rollover to allow recovery during errors. Errors are instances where a process did not successfully complete. Failures indicate that a particular job encountered errors that require remedial action. The number of errors allowed before failure is defined for each job. Some errors automatically result in a failure.



## Navigating to Batch Jobs:

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > System > Batch Jobs. The Batch Jobs details are further grouped into two tabs:
  - Batch Jobs tab
  - Job Holidays tab

# 2.10.1.1 Batch Jobs

In the Batch Job Setup screen, you can track and maintain all batch processes within the system. Using this form, the system administrator can configure the frequency and start time of each batch process, as well as set the number of threads to improve performance.

"Threading" allows a specific job to be separated into smaller units that are processed at the same time. This allows Oracle Financial Services Lending and Leasing to complete the job in less time.

You can set up multiple batch jobs within a batch set. In the Batch Job Sets section, each process is listed with the last run date (Last Run Dt field) and the next scheduled process date (Next Run Dt field). In the Freq Code and Freq Value fields, you can determine the frequency of each batch set, such as daily, weekly and monthly. You can also set up batch sets to incorporate a dependency on another batch set. This way, if the initial batch fails, the dependent set will not be processed.

In the Batch Jobs section, you can configure the process to run on weekends and holidays using the respective option boxes.

**CAUTION**: As the batch job setup widely affects the Oracle Financial Services Lending and Leasing system, Oracle Financial Services Software suggests that the system administrator has a clear understanding of the various functionalities within Oracle Financial Services Lending and Leasing before creating and updating the batch processes.

For the standard job set please review the Visio document, dbk\_std\_detail\_design\_job\_sets.vsd

# **Configure Batch Jobs at Company Level**

OFSLL is enabled to process the configured batch jobs at each Company level giving a flexibility to schedule and run batch job or EOD processing at desired time zone. Irrespective of Company or Branch, the batch jobs can be run independently on specific time in scheduler. For more details on configuring the batch job at each company definition level, refer to Appendix - Configuration at Company Level chapter.

## To setup a Batch job

- 1. Click Setup > Setup > Administration > System > Batch Jobs.
- 2. In the **Batch Job Sets** section, you can make use of the copy option to copy the whole batch job set at one go with header and detailed records for each company definition. To do so, select the Company from drop-down list and click 'Create Copy'. System copies the batch job sets from the selected Company record to the Company selected from drop-down list. All those batch job set which are not already available in the selected Company are copied.

Note that:

- The 'Create Copy' option can be used multiple times.
- The Company drop-down list is displayed based on the User Access defined for the logged-in user.



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Itch Jobs Job Ho	olidays									
atch Job Sets							👍 Ad	dd 🥒 Edi	t 📄 View	🛷 Audit
View • Format •	Freez	e 🚮 Detach 🚽 Wrap 🚷	Company ALL	🖂 🎦 Create 0	Сору					
×										2
Company	Set Code	Job Set Description	Frequency	Frequency value	Start Time		Enabled	1	Last Run Dt	Next
AUS01	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	09:00 AM	N	N		08/08/2003	09/1 🔨
ALL	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	16:00 PM	N	N		08/08/2003	09/1
WBW_US	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	16:00 PM	N	N		08/08/2003	09/1
WVR USA	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	16:00 PM	N	N		08/08/2003	09/1
NL02	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	16:00 PM	N	N		08/08/2003	09/1
US01	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	09:00 AM	N	N		08/08/2003	09/1
UK01	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	15:00 PM	N	N		08/08/2003	09/1
JP04	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	23:00 PM	N	N		08/08/2003	09/1
IND	SET-AAI	ACCOUNT CREATION	DAILY	DAILY	19:30 PM	N	N		08/08/2003	09/1
WVCAP	SET-ACR	ACCRUALS AND DELINQUENCY	DAILY	DAILY	22:30 PM	Y	N		08/07/2003	09/1 🗸
<										>
atch Jobs	_						💠 Ad	id 🥖 Edi	t 📄 View	🖋 Audit
View   Format	Freez	te 🚮 Detach 🚽 Wrap 🝓								
Seq	Job Type	Job Code	Job Description	Threads		Commit Count	Errors Allowed	Weekend	Holid	
1.0000	PROCEDURE	AAIPRC_BJ_100_01	APPLICATION TO ACCOUNT INTERFAC			100	50	Y	Holid	ау
2.0000	PROCEDURE	TXNACT_BJ_100_01	ACCOUNT ACTIVATION	1		100	50	Y	Y	
<	TROCEDORE	1744101_00_000_01	ACCOUNT ACTIVATION			100	50			>
atch Job Thre	ads						🚽 Ad	dd 🥖 Edi	t 📃 View	🖋 Audit
View - Format -	Freez	e 🚮 Detach 🚽 Wrap 🚷								
View + Format + Thread	Erreez	e 🚮 Detach 🖉 Wrap 🔞						Trace Level	Enabled	
								0	Y	

Field:	Do this:				
Company	Select the company from the drop-down list. The list is popu- lated only with those Company Definitions to which you have been provisioned access.				
	This company is considered if system is setup to process batch jobs at Company level. For more information, refer to 'Appen- dix - Company Level GL Date Configuration' section.				
Set Code	Specify the code for the batch job set.				
Job Set Description	Specify the description for the batch job set.				
Frequency	Select the frequency at which the job set is to be executed from the drop-down list.				
Frequency Value	Select the frequency value from the drop-down list. The fre- quency value will be displayed based on the frequency code selected.				
Start Time	Specify the start time for the job set.				
Critical	Check this box to set job as critical. A "critical" job is one that prevents the General Ledger (GL) post date from rolling forward, should the job fail.				
Enabled	Check this box to enable the job set.				
Last Run Dt	The system displays the last run date of the job set.				
Next Run Dt	Specify the next run date for job set. You can select the data from adjoining calendar icon.				
Parent	Select the parent job set from drop-down list.				



Field:	Do this:
Dependency	Select the type of dependency on the parent from drop-down list.

- 4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 5. In the **Batch Job** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Seq	Specify the batch job sequence number.
	<b>Note</b> : Within a job set, jobs are executed sequentially based on the sequence number assigned.
Јор Туре	Select the batch job request type from the drop-down list.
Job Code	Specify the batch job request code.
Job Description	Specify the batch job description.
Threads	The system displays the number of threads used by the job.
Commit Count	Specify the number of rows after which auto-commit is triggered.
Errors Allowed	Specify the number of errors allowed.
Weekend	Check this box to perform batch jobs on weekend.
Holiday	Check this box to perform batch jobs on a holiday. (Holidays are defined on the Job Holidays screen.)
Enabled	Check this box to enable the batch job.
Parent	Select the parent batch job from the drop-down list.
Dependency	Select the dependency clause of the batch job from the drop-down list.
Command	Specify the command line for the job (required).
RollbackSegment	If you choose, use this field to specify the rollback segment for job.

7. In the **Batch Job Thread** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Thread	Specify the name of thread.
Trace	Specify the SQL trace level (0, 1, 4, 8, 12). The higher the number, the more activities the system can trace.



Field:	Do this:
Enabled	Check this box to enable the thread.

# 2.10.1.2 Job Holidays

The system allows you to define holidays within the company on Job Holidays screen. You can then use the Batch jobs screen to set up whether you want the system to perform batch jobs on these days or not, using the Holiday box of Batch Jobs section .

## To define job holidays

- 1. Click Setup > Setup > Administration > System > Batch Jobs > Job Holidays.
- 2. In the **Job Holidays** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

tch Jobs		×
tch Jobs Job Holie	lays	
ob Holidays		🖶 Add 🥒 Edit 📃 View 🛷 Audit
View • Format •	🖙 🔟 Freeze 🚮 Detach 📣 Wrap 🙀	
Holiday Dt	Description	Company Enabled
06/13/2020	QUEENS BIRTHDAY	UK01 Y
06/13/2020	QUEENS BIRTH DAY	AUS01 Y
12/25/2002	CHRISTMAS	ALL Y
09/21/2002	THANKS GIVING DAY	ALL Y
07/05/2002	INDEPENDENCE DAY	ALL Y
12/25/2001	CHRISTMAS	ALL Y
09/22/2001	THANKS GIVING DAY	ALL Y
07/04/2001	INDEPENDENCE DAY CHRISTMAS	ALL Y ALL Y
12/25/2000	CHRISTMAS	ALL Y
ob Holidays		
		🕞 Save and Stag
	Holiday Dt 06/13/2020	* Enabled 🗸
	* Description OUEENS BIRTHDAY	
	* Company UK01	
	Company OK01	

A brief description of the fields is given below:

Field:	Do this:
Holiday Dt	Specify the date of the job holiday. You can select the date from the adjoining calendar icon.
Description	Specify the job holiday description (required).
Company	Select the company from the drop-down list. The list is populated only with those Company Definitions to which you have been provisioned access.
	This company is considered if system is setup to process holiday at Company level. For more information, refer to 'Appendix - Company Level GL Date Configuration' section.
Enabled	Check this box to enable the holiday.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 2.10.2 Batch Jobs Available

The below table provides a list of Batch Jobs maintained in the system and a brief description to each:

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
AAE	Application Account Interface	aaiprc_b- j_100_01	APPLICA- TION TO ACCOUNT INTERFACE	N o	Y e s	N o	C o m m o n	This process peri- odically picks up applications in 'Approved-Veri- fied' status and creates accounts.
ACH	ACH Accounts	acaprc_b j_100_01	ACCOUNT ACH PRO- CESSING	N o	Y e s	N o	C o m o n	This process pro- duces the ACH file for the eligible cus- tomer payments.
ACH	ACH Produc- ers	acp- prc_b- j_100_01	PRO- DUCER ACH PRO- CESSING	Y e s	Y e s	N o	C o m m o n	This process pro- duces the ACH file for the eligible pro- ducer payments.
ACH	ACH Ven- dors	acvprc_b j_100_01	VENDOR ACH PRO- CESSING	N o	Y e s	N o	C o m m o n	This process pro- duces the ACH file for the eligible ven- dor payments.
ACH	ACH Pro- ducer/Ven- dors/ Customer/ Third Party	acx- prc_b- j_100_01	ACH Pro- ducer/Ven- dors/ Customer/ Third Party	Y e s	Y e s	N o	C o m m o n	This process pro- ducers the ACH file for the eligible Producer/Vendors/ Customer/Third Party
AGE	Aging Appli- cations	agaap- p_b- j_100_01	APPLICA- TION AGING PROCESS	Y e s	N o	N o	C o m m o n	This process puts applications into 'Aged-Application' substatus.
AGE	Aging Con- tracts	agcco- n_b- j_100_01	CON- TRACT AGING PROCESS	Y e s	N o	N o	C o m m o n	This process puts contracts into 'Aged-Contract' substatus.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ALT- PFS	ALLOT- MENT EXTRACT FILE DUMP	PFSEFT- PRC_B- J_111_0 1	BACKUP EFT	N o	≻ e s	0 Z	C o m m o n	This process cre- ates the Backup EFT file
ALT- PFS	ALLOT- MENT EXTRACT FILE DUMP	PFSL- BAPRC_ BJ_100_ 01	POSTING ALLOT- MENT PAY- MENTS	N o	Y e s	N o	C o m m o n	This process posts the payments from the allotment file received from the bank
ALT- PFS	ALLOT- MENT EXTRACT FILE DUMP	PFSOD- DALT_B- J_100_0 1	ALLOT- MENT EXTRACT FILE DUMP	N o	Y e s	N o	C o m m o n	This process sends the allot- ment draft notice to the bank
ALT- PFS	ALLOT- MENT EXTRACT FILE DUMP	PFSNS- FPRC_B J_100_0 1	NSF BATCH	N o	Y e s	N o	C o m o n	This process posts the NSF file received from the bank
API	API Accounts	accaa- i_b- j_100_01	API AAI	N o	Y e s	N o	C o m m o n	This process cre- ates accounts from validated conver- sion applications/ contracts
API	API Accounts	accd- mp_b- j_100_01	MOVE API_XX TO ITABS	N o	Y e s	N o	C o m m o n	This process cop- ies data from con- version API tables to conversion applications table
API	API Accounts	accval_bj _111_01	VALIDATE ITABS (LOAN)	N o	Y e s	N o	L o a n	This process vali- date all conver- sion applications loan accounts by running the edits



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
API	API Accounts	accval_bj _112_01	VALIDATE ITABS (LINE)	N o	≻ e s	N o	L i n e	This process vali- date all conver- sion applications line of credit accounts by run- ning the edits
API	API Accounts	acm- prc_b- j_100_01	LOAD API_COM- MENTS	N o	Y e s	N o	C o m o n	This process cre- ates account com- ments from conversion appli- cations/contracts
API	API Accounts	APID- MP_B- J_100_0 1	LOAD API RECORDS	N o	Y e s	Y e s	C o m m o n	This process directly reads data from database folder and using the external tables loads it into API tables for creating accounts.
								This eliminates the need/dependency of SQL loader and Control files.
								Ensure that account data in Input file has same structure as defined in Setup > Data Files > Input definition specifi- cally for Loan, Line & Lease accounts.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
SET- API2	ASYN- CHRO- NOUS ACCOUNT CREATION	ACX- VAL_B- J_100_0 1	VALIDATE IAPP TABS	Yes	Yes	Yes	C o m m o n	This process is used to validate the data from the Account On- Boarding request. This process is the first stage in pro- cessing asynchro- nous account creation using Account on-board- ing web service and is controlled based on value defined in system parameter - ACCOUNT_PRO- CESSING THRESHOLD.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
SET- API2	ASYN- CHRO- NOUS ACCOUNT CREATION	ACXAA- I_B- J_100_0 1	ASYN- CHRO- NOUS ACCOUNT CREATION	Y e s	Y e s	Y e s	C o E E o n	This process is used for asynchro- nous accounts cre- ation using Account on-board- ing web service.
								This process is the next stage after successful valida- tion of account cre- ation request without any errors.
								Based on the request and sys- tem parameter value in ACCOUNT_PRO- CESSING THRESHOLD accounts are cre- ated in the system with all the details and with Status of account as Active, Error, Void. Note: These
								Accounts can have Account Number generated exter- nally or require OFSLL to generate these number.
COL	Appointment Cancellation	cap- prc_b- j_100_01	APPPOINT- MENT CAN- CEL PROCESS- ING	N o	Y e s	Y e s	C o m m o n	This process can- cels all the expired appointments.
COL	Payment Promise Pro- cessing	cppprc_b j_100_01	BROKEN PROMISE PROCESS- ING	N o	Y e s	N o	C o m m o n	This process updates any bro- ken promises as of the run time.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
CRB	Credit Bureau Reporting	cbuutl_b- j_100_01	CREATE METRO2 FILE	N o	Y e s	N o	C o m m o n	This process cre- ates the METRO2 file for Credit Bureau reporting for the specified date.
DOT	Document Tracking Load	dolprc_b- j_000_01	ACCOUNT DOCU- MENT LOAD	N o	Y e s	Y e s	C o m m o n	This process reads acct_doc_load directory. Attach the documents to specified accounts and move docu- ments to appropri- ate directory
DLX	Accounts Dialer Exclu- sion	ODX- PRC_B- J_100_0 1	ACCOUNTS DIALER EXCLU- SION	N	Y	Y	C o m m o n	This process gen- erates a dialer exclusion file with account details and checks if the maintained call action result entry is made on any account during the specified time interval.
GLP	GL Interface	gliprc_b- j_100_01	GL SUMMA- RIZATION	N o	Y e s	N o	C o m m o n	This process sum- marizes GL trans- actions for the day.
GOV	Debt Report- ing IRS 1099A / 1099C	gdraap_ bj_100_0 1	IRS 1099-A PROCESS- ING	N o	Y e s	N o	C o m o n	This process gen- erates the 1099-A flat file for govern- ment reporting.
GOV	Debt Report- ing IRS 1099A / 1099C	gdrcad_b j_100_01	IRS 1099-C PROCESS- ING	N o	Y e s	N o	C o m o n	This process gen- erates the 1099-C flat file for govern- ment reporting.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
GOV	HMDA Reporting	ghr- prc_b- j_100_01	IRS HMDA PROCESS- ING	Y e s	N o	N o	C o m m o n	This process gen- erates the HMDA flat file for govern- ment reporting.
GOV	Interest Reporting IRS 1098	girprc_b- j_100_01	IRS 1098 PROCESS- ING	N o	Y e s	N o	C o m o n	This process gen- erates the 1098 flat file for government reporting.
JOB	Scheduler	jsctst_b- j_000_01	Scheduler	Y e s	Y e s	Y e s	C o m o n	This process test the job scheduler
LBP	Lockbox	lbxprc_b- j_100_01	LOAD LOCKBOX PROCESS- ING	N o	Y e s	N o	C o m o n	This process loads any lockbox files available. This pro- cess can be set to run periodically throughout the day.
LNT	Lien Tracking	OFD- PRC_B- J_111_0 3	OUTPUT LIEN TRACKING FOR DATA CHANGE	N	Y	Ν	C o m m o n	This process gen- erates output file with changes in customer informa- tion such as Address/Phone no./Borrower/Co- borrower name.
LNT	Lien Tracking	OFD- PRC_B- J_111_0 4	OUTPUT LIEN TRACKING FOR VOID ACCOUNT	N	Y	Ν	C o m o n	This process gen- erates output file for 'Void Accounts' to be sent to dealer track.
LTR	Collections Letter	lcolt1_b- j_100_01	GENERATE FIRST COL- LECTION LETTER	N o	N o	Y e s	C o m o n	This process gen- erates the first col- lection letter for eligible accounts.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
LTR	Collections Letter	lcolt2_b- j_100_01	GENERATE SECOND COLLEC- TION LET- TER	N o	N o	≻ e s	C o E E o n	This process gen- erates the second collection letter for eligible accounts.
LTR	Collections Letter	lcolt3_b- j_100_01	GENERATE THIRD COL- LECTION LETTER	N o	N o	Y e s	C o m m o n	This process gen- erates the third col- lection letter for eligible accounts.
LTR	Customer Service Let- ter	lcspdf_b- j_111_01	PAID IN FULL LET- TER	N o	Y e s	N o	L o a n	This process gen- erates the paid-in- full letter for the relevant accounts.
LTR	Customer Service Let- ter	lcspo- q_b- j_111_01	PAYOFF QUOTE LETTER	N o	Y e s	Ο Ζ	C o E E o n	This process gen- erates the payoff quote letter for the requested accounts.
LTR	Customer Service Let- ter	lcsst- m_b- j_100_01	CUS- TOMER STATE- MENT LET- TER	N o	Y e s	N o	C o m m o n	This process gen- erates the cus- tomer/business statement letter for requested accounts.
LTR	Customer Service Let- ter	lcswel_b- j_111_01	WELCOME LETTER	N o	Y e s	N o	L o a n	This process gen- erates the wel- come letter for the newly funded accounts.
LTR	Origination Letter	loraco_b- j_111_01	Origination Adverse Action Let- ter(Condi- tional) (Loan)	Y e s	N o	N o	L o n	This process gen- erates the adverse action letter for rel- evant applications.
LTR	Origination Letter	loradv_b- j_111_01	Origination Adverse Action Let- ter (Loan)	Y e s	N o	N o	L o a n	This process gen- erates the adverse action letter for rel- evant applications.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ODD	Coupon Book Dump File	ocn- prc_b- j_100_01	CUS- TOMER COUPON BOOK GEN- ERATION	N o	Y e s	Ο Ζ	C o E E o n	This process gen- erates coupon books, if appropri- ate.
ODD	Output Data Dump File	odd- prc_b- j_000_01	CREATE OUTPUT DATA DUMP FILES	Y e s	Y e s	Y e s	C o m m o n	This process cre- ates any defined output data dump files set in the sys- tem.
ODD	Collections Letter	olclt1_b- j_100_01	COLLEC- TION LET- TER 1 FILE CREATION	N o	N o	≻ e s	Common	This process gen- erates the first col- lection letter for eligible accounts.
ODD	Collections Letter	olclt2_b- j_100_01	COLLEC- TION LET- TER 2 FILE CREATION	N o	N o	≻ e s	C o m m o n	This process gen- erates the second collection letter for eligible accounts.
ODD	Collections Letter	olclt3_b- j_100_01	COLLEC- TION LET- TER 3 FILE CREATION	N o	N o	Y e s	C o m m o n	This process gen- erates the third col- lection letter for eligible accounts.
ODD	Origination Letter	olo- aco_b- j_100_01	ADVERSE ACTION CONDI- TIONAL LETTER FILE CRE- ATION	Y e s	N o	N o	C o m m o n	This process gen- erates the adverse action letter for rel- evant applications.
ODD	Origination Letter	oload- v_b- j_100_01	ADVERSE ACTION LETTER FILE CRE- ATION	Y e s	N o	N o	C o m o n	This process gen- erates the adverse action letter for rel- evant applications.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ODD	Customer Service Let- ter	olspdf_b- j_100_01	PAID IN FULL FILE CREATION	N o	Y e s	Ο Ζ	C o E E o n	This process gen- erates the paid-in- full letter for the relevant accounts.
ODD	Customer Service Let- ter	olspo- q_b- j_100_01	PAY OFF QUOTE FILE CRE- ATION	N o	Y e s	N o	C o m m o n	This process gen- erates the payoff quote letter for the requested accounts.
ODD	Customer Service Let- ter	ols- wel_b- j_100_01	WELCOME LETTER FILE CRE- ATION	N o	≻ e s	0 Z	Common	This process gen- erates the wel- come letter for the newly funded accounts.
ODD	Producer Statement Dump File	opsprc_b j_100_01	DEALER STATE- MENTS GENERA- TION	N o	Y e s	Ο Ζ	C o E E o n	This process gen- erates the dealer/ producer state- ments at the speci- fied frequency.
ODD	Customer Statement Dump File	ostprc_b- j_100_01	CUS- TOMER STATE- MENTS GENERA- TION	N o	Y e s	N o	C o m m o n	This process gen- erates the cus- tomer/business statement for eligi- ble accounts.
PRQ	Payable Requistion Customer	pcu- prc_b- j_100_01	CUS- TOMER REFUND PAYMENT REQUISI- TIONS	N o	Y e s	N o	C o m m o n	This process cre- ates requisitions for customer/busi- ness overpayment refunds.
PRQ	Payable Requisition Producer	ppores_b j_100_01	MONTH END DEALER RESERVE PAYMENT REQUISI- TIONS	N o	Y e s	N o	C o m m o n	This process cre- ates requisitions for dealer compen- sation payments on month-end.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PRQ	Payable Requisition Vendor	pvn- prc_b- j_100_01	VENDOR INVOICE PAYMENT REQUISI- TIONS	N o	Y e s	N o	C o E E o n	This process cre- ates requisitions for vendor invoice payments
PUR	Archive Accounts	pacarc_b j_100_01	ARCHIVE ACCOUNT DATA TO OTABLES	N o	Y e s	Y e s	C o m m o n	This process archives account data from ACCOUNTS table to OACCOUNTS table.
PUR	Archive Accounts	pacarc_b j_100_02	ARCHIVE ACCOUNT DATA TO OOTABLES	N o	Y e s	Y e s	C o m m o n	This process archives account data from OAC- COUNTS table to OOACCOUNTS table.
PUR	Archive Applications	paparc_b j_100_01	ARCHIVE APPLICA- TION DATA TO OTABLES	Y e s	N o	N o	C o m m o n	This process archives applica- tion-related data from APPLICA- TIONS to OAPPLI- CATIONS table.
PUR	Archive Applications	paparc_b j_100_02	ARCHIVE APPLICA- TION DATA TO OOT- ABLES	Y e s	N o	N o	C o m m o n	This process archives applica- tion-related data from OAPPLICA- TIONS to OOAP- PLICATIONS table.
PUR	Archive GL	pglarc_b- j_100_01	ARCHIVE GL DATA TO OTABLES	N o	Y e s	Y e s	C o m o n	This process archives General Ledger data from GL tables to OGL tables.
PUR	Archive GL	pglarc_b- j_100_02	ARCHIVE GL DATA TO OOTABLES	N o	Y e s	Y e s	C o m o n	This process archives General Ledger data from OGL tables to OOGL tables.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	Purge Job Requests	pjrjrq_b- j_100_01	Purge Job Requests	Y e s	Y e s	Y e s	C o m o n	This process purges job requests from the system.
PUR	Purge Output Data Dump	pododh_ bj_100_0 1	PURGE OUTPUT DATA HEADERS	N o	Y e s	Y e s	C o m o n	This process purges Output Data Headers from the system.
PUR	Archive Securitiza- tion	ppaarc_b j_100_01	ARCHIVE POOL DATA TO OTABLES	N o	Y e s	N o	C o m o n	This process archives securiti- zation data from TABLE to corre- sponding OTABLE.
PUR	Archive Securitiza- tion	ppaarc_b j_100_02	ARCHIVE POOL DATA TO OOT- ABLES	N o	Y e s	N o	C o m o n	This process archives securiti- zation data from OTABLE to corre- sponding OOT- ABLE.
PUR	Archive Pro- ducers	pprarc_bj _100_01	ARCHIVE PRO- DUCER DATA TO OTABLES	Y e s	Y e s	Y e s	C o m o n	This process archives producer data from PRO- DUCERS table to OPRODUCERS table.
PUR	Archive Pro- ducers	pprarc_bj _100_02	ARCHIVE PRO- DUCER DATA TO OOTABLES	Y e s	Y e s	Y e s	C o m o n	This process archives producer data from OPRO- DUCERS table to OOPRODUCERS table.
PUR	Archive Pro- ducers Txns	ppx- arc_b- j_100_01	ARCHIVE PRO- DUCER TXNS DATA TO OTABLES	N o	Y e s	N o	C o m o n	This process archives producer transaction data from PRODUC- ERS table to OPRODUCERS table.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	Archive Pro- ducers Txns	ppx- arc_b- j_100_02	ARCHIVE PRO- DUCER TXNS DATA TO OOT- ABLES	N o	Y e s	Ο Ο	C o m m o n	This process archives producer transaction data from OPRODUC- ERS table to OOPRODUCERS table.
PUR	Archive Statements	pstarc_b- j_100_01	ARCHIVE ACCOUNT STATE- MENT AND TXNS DATA TO OTABLES	N o	Y e s	N o	C o m o n	This process archives account statement and transaction data from TABLE to cor- responding OTABLE.
PUR	Archive Statements	pstarc_b- j_100_02	ARCHIVE ACCOUNT STATE- MENT AND TXNS DATA TO OOT- ABLES	N o	Y e s	N o	C o m o n	This process archives account statement and transaction data from OTABLE to OOTABLE.
PUR	Terminate User	ptuus- r_b- j_100_01	Terminate User	Y e s	Y e s	Y e s	C o m o n	This process termi- nates user satisfy- ing the selection criteria.
PUR	Archive Txns (To O tables)	ptxarc_b- j_100_01	ARCHIVE TXNS DATA TO OTABLES	N o	Y e s	N o	C o m o n	This process archives data from TXNS table to OTXNS table.
PUR	Archive Txns (To OO tables)	ptxarc_b- j_100_02	ARCHIVE TXNS DATA TO OOT- ABLES	N o	Y e s	N o	C o m o n	This process archives data from OTXNS table to OOTXNS table.
PUR	Purge User Logins	pululg_b- j_100_01	Purge User Logins	Y e s	Y e s	Y e s	C o m o n	This process purges user login data from the sys- tem.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	Archive Ven- dor Assign- ments	Assign- j_100_01 VENDOR o e e	е	C o m m o	This process archives vendor assignment data from TABLE to OTABLE.			
			OTABLES				n	The criteria for archival is based on following valida- tion - Work Order Status = Closed / Completed / Repossessed + Days mentioned in system parameter 'PVA_ARCHIVE DAYS'.
PUR	Archive Ven- dor Assign- ments	pvaarc_b j_100_02	ARCHIVE VENDOR ASSIGN- MENTS DATA TO OOTABLES	N o	Y e s	Y e s	C o E E o n	This process archives vendor assignment data from OTABLE to OOTABLE based on the days men- tioned in system parameter 'PVA_OAR- CHIVE_DAYS'.
PUR	Archive Ven- dor Invoices	pviarc_b- j_100_01	ARCHIVE VENDOR INVOICES DATA TO OTABLES	N o	Y e s	Y e s	C o E E o	This process archives vendor invoice data from TABLEs to OTABLEs.
				r	n	The criteria for archival is based on following valida- tion - Invoice Sta- tus = 'Close' + Days mentioned in system parameter 'PVI_ARCHIVE DAYS'.		



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	Archive Ven- dor Invoices	pviarc_b- j_100_02	ARCHIVE VENDOR INVOICES DATA TO OOTABLES	N o	≻ e s	Y e s	C o m m o n	This process archives vendor invoice data from OTABLEs to OOT- ABLEs based on the days men- tioned in system parameter 'PVI_OAR- CHIVE_DAYS'.
PUR	Archive Ven- dors	pvearc_b j_100_01	ARCHIVE VENDORS DATA TO OTABLES	N o	Y e s	Y e s	C o m m o n	This process archives vendor invoice data from TABLEs to OTABLEs. The criteria for archival is based on following valida- tion - Vendor end date is less than system date - Days mentioned in sys- tem parameter 'PVE_ARCHIVE DAYS'.
PUR	Archive Ven- dors	pvearc_b j_100_02	ARCHIVE VENDORS DATA TO OOTABLES	N o	≻ e s	≻ e s	C o m m o n	This process archives vendor invoice data from OTABLEs to OOT- ABLEs based on the days men- tioned in system parameter 'PVE_OAR- CHIVE_DAYS'.
QUE	Queue Cus- tomer Ser- vice	qcsprc_b j_100_01	CUS- TOMER SERVICE QUEUE PROCESS- ING	N o	Y e s	Y e s	C o m o n	This process cre- ates the customer service/collections queues
SET- QCS	QUEUES	QCCPR C_B- J_100_0 1	CRITERIA BASED CONDI- TION POST- ING	N	Y	Y		This process facili- tates to post crite- ria based conditions on Account.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
SET- QRT	REAL TIME QUEUES	QCCPR C_B- J_100_0 2	CRITERIA BASED CONDI- TION POST- ING REAL TIME PRO- CESSING		Y	Y		This batch job pro- cesses criteria based condition posting queues marked as real time based on refresh frequency setup in the job set.
RDB 1	RDB1 Accounts	racd- mp_b- j_100_01	Data Dump Accounts	N o	Y e s	Y e s	C o m m o n	This process trans- fers the account data from (OLTP) Regular tables to Temporary T tables
RDB 1	RDB1 Appli- cations	rapd- mp_b- j_100_01	LOAD APPLICA- TION RELATED DATA INTO T TABLES	Y e s	N o	N o	C o m m o n	This process trans- fers the applica- tion data from (OLTP) Regular tables to Tempo- rary T tables
RDB 1	RDB1 Asset Tracking	ratd- mp_b- j_100_01	LOAD ASSET RELATED DATA INTO T TABLES	N o	Y e s	N o	C o m m o n	This process trans- fers the account asset data from (OLTP) Regular tables to Tempo- rary T tables
RDB 1	RDB1 Bank- ruptcy	rbkd- mp_b- j_100_01	LOAD BANK- RUPTCY DATA TO T TABLES	N o	N o	Y e s	C o m m o n	This process trans- fers the account bankruptcy data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 1	RDB1 Call Activities	rcad- mp_b- j_100_01	LOAD CALL ACTIVITIES DATA INTO T TABLES	N o	N o	Y e s	C o m m o n	This process trans- fers the account call activity data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 1	RDB1 Defi- ciency	rchd- mp_b- j_100_01	LOAD DEFI- CIENCY DATA INTO T TABLES	N o	N o	Y e s	C o m o n	This process trans- fers the account deficiency data from (OLTP) Regu- lar tables to Tem- porary T tables



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RDB 1	RDB1 Con- tracts	rcod- mp_b- j_100_01	LOAD CON- TRACT DATA INTO T TABLES	Y e s	≻ e s	N o	C o m m o n	This process trans- fers the account contracts data from (OLTP) Regular tables to Tempo- rary T tables
RDB 1	RDB1 Reposses- sions	rfod- mp_b- j_100_01	LOAD REPO FORECLO- SURE DATA INTO T TABLES	N o	N o	Y e s	C o m o n	This process trans- fers the account bankruptcy data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 1	RDB1 Pro- ducers	rprd- mp_b- j_100_01	LOAD PRO- DUCER AND ITS TXNS DATA INTO T TABLES	N o	Y e s	N o	C o m o n	This process trans- fers the producer and producer transactions data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 1	RDB1 Setup	rstd- mp_b- j_100_01	LOAD SETUP RELATED DATA INTO T TABLES	Y e s	Y e s	Y e s	C o m o n	This process trans- fers the setup data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 1	RDB1 Txns	rtxd- mp_b- j_100_01	LOAD TXN DATA INTO T TABLES	N o	Y e s	N o	C o m o n	This process trans- fers the account transactions data from (OLTP) Regu- lar tables to Tem- porary T tables
RDB 2	RDB2 Accounts	racac- c_b- j_100_01	Load Reporting Tables Accounts	N o	Y e s	Y e s	C o m o n	This process trans- fers the account data from T tables to RDB tables
RDB 2	RDB2 Accounts (Derived Fields)	rac- drv_b- j_100_01	Update Reporting Tables Accounts	N o	Y e s	Y e s	C o m o n	This process updates the codes with description for account RDB tables



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RDB 2	RDB2 Appli- cations	rapap- p_b- j_100_01	Load Reporting Tables Appli- cations	Y e s	N o	N o	C o E E o n	This process trans- fers the applica- tion data from T tables to RDB tables
RDB 2	RDB2 Appli- cations (Derived Fields)	rap- drv_b- j_100_01	Update Reporting Tables Appli- cations (Derived Fields)	Y e s	N o	N o	C o m o n	This process updates the codes with description for application RDB tables
RDB 2	RDB2 Asset Tracking	ratase_bj _100_01	Load Reporting Tables Asset Tracking	N o	Y e s	N o	C o m m o n	This process trans- fers the account asset tracking data from T tables to RDB tables
RDB 2	RDB2 Asset Tracking (Derived Fields)	ratdrv_b- j_100_01	Update Reporting Tables Asset Tracking (Derived Fields)	N o	Y e s	N o	C o m m o n	This process updates the codes with description for account asset tracking RDB tables
RDB 2	RDB2 Bank- ruptcy	rbkab- d_b- j_100_01	Load Reporting Tables Bankruptcy	N o	N o	Y e s	C o m m o n	This process trans- fers the account bankruptcy data from T tables to RDB tables
RDB 2	RDB2 Call Activities	rca- cac_b- j_100_01	Load Reporting Tables Call Activities	N o	N o	Y e s	C o m m o n	This process trans- fers the account call activities data from T tables to RDB tables
RDB 2	RDB2 Defi- ciency	rchaof_bj _100_01	Load Reporting Tables Defi- ciency	N o	N o	Y e s	C o m o n	This process trans- fers the account deficiency data from T tables to RDB tables



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RDB 2	RDB2 Con- tracts	rco- con_b- j_100_01	Load Reporting Tables Con- tracts	Y e s	Y e s	N o	C o m m o n	This process trans- fers the account contract data from T tables to RDB tables
RDB 2	RDB2 Con- tracts (Derived Fields)	rcodrv_bj _100_01	Update Reporting Tables Con- tracts (Derived Fields)	Y e s	Y e s	N o	C o m m o n	This process updates the codes with description for account contract RDB tables
RDB 2	RDB2 Reposses- sions	rfoafr_b- j_100_01	Load Reporting Tables Reposses- sions	N o	N o	Y e s	C o m m o n	This process trans- fers the account repossession data from T tables to RDB tables
RDB 2	RDB2 Pro- ducers (Derived Fields)	rprdrv_b- j_100_01	Update Reporting Tables Pro- ducers (Derived Fields)	N o	Y e s	N o	C o m o n	This process updates the codes with description for producer and pro- ducer transactions RDB tables
RDB 2	RDB2 Pro- ducers	rprpro_b- j_100_01	Load Reporting Tables Pro- ducers	N o	Y e s	N o	C o m m o n	This process trans- fers the producer and producer transactions data from T tables to RDB tables
RDB 2	RDB2 Setup	rststp_b- j_100_01	Load Reporting Tables Setup	Y e s	Y e s	Y e s	C o m o n	This process trans- fers the setup data from T tables to RDB tables
RDB 2	RDB2 Txns	rtxdrv_b- j_100_01	Load Reporting Tables Txns	N o	Y e s	Y e s	C o m o n	This process trans- fers the account transaction data from T tables to RDB tables



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RDB 2	RDB2 Txns (Derived Fields)	rtxtxn_b- j_100_01	Update Reporting Tables Txns (Derived Fields)	N o	Y e s	≻ e s	C o E E o n	This process updates the codes with description for account transac- tions RDB tables
SEC	Pool Sum- mary	ssm- prc_b- j_100_01	POOL SUM- MARY TABLE POPULA- TION	N o	Y e s	N o	C o m o n	This process popu- lates summary tables for all pools
SET- OVR	OVERPAY- MENT REALLOCA- TIONS	PFSTX- NOVR_B J_100_0 1	OVERPAY- MENT REALLOCA- TIONS	N o	Y e s	N o	C o m o n	This process han- dles the overpay- ments/overages existing on an account
TPE	Earning/ Amortization	tam- prc_b- j_100_01	AMORTIZA- TION TRANSAC- TIONS PROCESS- ING	N o	Y e s	N o	C o m o n	This process cre- ates the month- end interest accrual transac- tions on month- end.
TPE	Earning/ Amortization	tam- prc_b- j_111_01	MONTH END AMOR- TIZATION TRANSAC- TIONS	N o	Y e s	N o	L o a n	This process cre- ates the month- end interest accrual transac- tions on month- end.
TPE	Escrow Non Monetary Transactions	tenbmt_b j_100_01	Escrow Non Monetary Batch Trans- actions	N o	≻ e s	≻es	C o m m o n	This process posts escrow non mone- tary transactions in the background at the specified time interval.
TPE	Escrow Anal- ysis & Dis- bursements	tesanl_b- j_100_01	Escrow Analysis Posting	N o	Y e s	N o	C o m o n	This process posts all approved escrow analysis to the account



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	Escrow Anal- ysis & Dis- bursements	tesanl_b- j_100_02	Create batches for Customer Refund Requests	N o	Y e s	0 Z	C o m m o n	This process cre- ates company branch wise batches for cus- tomer refund requests.
TPE	Escrow Anal- ysis & Dis- bursements	tesanl_b- j_100_03	Create Transaction of Customer Refund Requests	N o	Y e s	N o	C o m m o n	This process popu- late customer refund request in respective batch created above
TPE	Escrow Anal- ysis & Dis- bursements	tesanl_b- j_100_04	Compute control totals for cus- tomer refund request batches	N o	Y e s	N o	C o m m o n	This process popu- lates control totals for the bathes cre- ated for customer refund requests.
TPE	Escrow Anal- ysis & Dis- bursements	tesanl_b- j_100_05	Escrow compliance checking	N o	≻ e s	0 Z	C o m m o n	This process checks escrow- able account for compliance
TPE	Escrow Anal- ysis & Dis- bursements	tesds- b_b- j_100_05	Escrow dis- bursement posting & requisition creation	N o	Y e s	N o	C o m m o n	This process posts processed escrow disbursement and creates requisi- tions.
TPE	Non Mone- tary Transac- tions	tnmb- mt_b- j_100_01	NON MON- ETARY TRANSAC- TIONS POSTING	N o	Y e s	Y e s	C o m m o n	This process posts non monetary transactions in the background at the specified time interval.
TPE	Compensa- tion	tpr- com_b- j_111_01	Compensa- tion	N o	Y e s	N o	L o a n	This process cre- ates transaction for month-end pro- ducer compensa- tion



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	Statement	tprps- g_b- j_111_01	Producer Statement	N o	Y e s	N o	L a n	This process cre- ates the month- end interest accrual transac- tions on month- end.
TPE	Monetary Transactions	txnacr_b- j_100_01	INTEREST ACCRUAL AND DELIN- QUENCY PROCESS- ING	N o	Y e s	N o	C o m m o n	This process posts any payment batches open in the system. This process can be set to run periodically.
TPE	Monetary Transactions	txnact_b- j_100_01	ACCOUNT ACTIVA- TION	N o	Y e s	N o	C o m o n	This job activates new accounts i.e. changes status from PENDING to ACTIVE.
TPE	Monetary Transactions	txnad- v_b- j_112_01	Advance Posting	N o	Y e s	N o	L i n e	This process posts any advance batches open in the system. This process can be set to run periodically.
TPE	Monetary Transactions	txnan- n_b- j_100_01	ANNIVER- SARY PRO- CESSING	N o	Y e s	N o	C o m m o n	This process car- ries out the anni- versary processing for eligible accounts
TPE	Monetary Transactions	txnbmt_b j_100_01	MONE- TARY TRANSAC- TIONS POSTING	N o	Y e s	N o	C o m m o n	This process posts monetary transac- tions in the back- ground at the specified time interval.
TPE	Monetary Transactions	txnch- g_b- j_100_01	Chargeoff Processing	N o	Y e s	N o	C o m o n	This process charges off eligi- ble or scheduled for chargeoff accounts.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	Monetary Transactions	txnch- g_b- j_100_03	Chargeoff reversal	N o	Y e s	Ο Ζ	CoEEon	On posting charge off reversal trans- action, this pro- cess moves the remaining expense and fee from charge off balance to active balance.
TPE	Monetary Transactions	txncls_b- j_100_01	VOID/PAID ACCOUNT CLOSE PROCESS- ING	N o	Y e s	N o	C o m o n	This process closes void and paid off accounts.
TPE	Monetary Transactions	txnddt_b- j_100_01	BILLING/ DUE DATES PROCESS- ING	N o	Y e s	Νο	C	This process cre- ates/updates the due dates for the accounts in the system. In addition, this process can also do Asset Billing using asset param- eters defined for 'Home' collateral. For more details, refer to Asset Bill- ing Rate section.
TPE	Monetary Transactions	txnfpd_b- j_100_01	FIRST PMT DEDUC- TION PRO- CESSING	N o	≻ e s	ο Ζ	C o m m o n	This process posts the first payment deduction pay- ment to the eligi- ble accounts.
TPE	Monetary Transactions	txnfpr_b- j_111_01	FIRST PMT REFUND PROCESS- ING	N o	Y e s	N o	L o a n	This process posts the first payment deduction pay- ment to the eligi- ble accounts.
TPE	Monetary Transactions	txnltc_b- j_100_01	LATE CHARGE PROCESS- ING	N o	Y e s	N o	C o m o n	This process assesses late charge depending on the rules, for all accounts in the system.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	Monetary Transactions	txnmt- d_b- j_100_01	MONTH END PRO- CESSING	N o	Y e s	Ο Ζ	C o m m o n	This process popu- lates the month end balances and carries over the balances to next month.
TPE	Monetary Transactions	txnp- mt_b- j_100_01	Payment Posting	N o	Y e s	<b>N</b> 0	C o m m o n	This process does the daily accrual and delinquency processing.
TPE	Monetary Transactions	txn- prm_b- j_100_01	PROMO- TION END PROCESS- ING	N o	Y e s	N o	C o m o n	This process 'ends' the promotion on the account.
TPE	Monetary Transactions	txn- prm_b- j_100_03	TLP PRO- MOTION CANCEL PROCESS- ING	N o	Y e s	N o	C o m o n	This process 'can- cels' the promo- tion on the account.
TPE	Monetary Transactions	txnrat_b- j_100_01	RATE CHANGE PROCESS- ING	N o	Y e s	N o	C o m o n	This process changes the prev- alent rate on an account.
TPE	Monetary Transactions	txn- sch_b- j_100_01	SCHEDULE FOR CHARGED OFF PRO- CESSING	N o	Y e s	N o	C o m o n	This process puts the 'Schedule for Charge Off' condi- tion on eligible accounts.
TPE	Monetary Transactions	txntip_b- j_100_01	TERMINA- TION PRO- CESSING	N o	Y e s	N o	C o m o n	This process puts the "Paid" status on eligible accounts



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	Monetary Transactions	txnytd_b- j_100_01	YEAR END PROCESS- ING	N o	Y e s	N o	C o m o n	This process popu- lates the year end balances and car- ries over the bal- ances to next year.
TPE	Usage Charge Pro- cessing	TXNUS- G_B- J_100_0 1	Billing Batch job to pro- cess and post lease usage/rental fees on account	N o	Y e s	Y e s	C o m m o n	This process is used to derive the billing amount to be charged for Lease Usage/ Rental based asset for con- sumed units calcu- lated by the applicable charge matrix.
TPE	MOCK BILL- ING/DUE DATES PROCESS- ING	TXN- MDT_B- J_100_0 1	MOCK BILL- ING/DUE DATES PROCESS- ING	Y e s	Y e s	Y e s	C o m m o n	This process gen- erates the future dues/balances based on the parameters defined in the crite- ria. This batch job is a prerequisite run for the mock statements to get generated.
TPE	CAPITAL- IZATION PROCESS- ING	TXNCPT _BJ_100 _01	CAPITAL- IZATION PROCESS- ING	Y e s	Y e s	Y e s	C o m o n	This process is used to capitalize the balance on all qualified accounts and is configured to run after running the billing batch job.
TPE	POST MATURITY EVER GREEN TRANSAC- TION PRO- CESSING	TXNEG- C_B- J_121_0 1	POST MATURITY EVER GREEN TRANSAC- TION PRO- CESSING		Y e s			This process is used to pick-up accounts match- ing the criteria for evergreen renewal, waits for maturity date based on grace days and posts Evergreen Lease transaction.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	CYCLE BASED COLLEC- TION LATE FEE PRO- CESSING	TXNCB- C_B- J_100_0 1	CYCLE BASED COLLEC- TION LATE FEE PRO- CESSING	Y	Y	Y	CoEEor	This process facili- tates to calculate 'Cycle based Col- lection Late Fee' at account level and update the bal- ances.
TPE	CYCLE BASED LATE FEE PROCESS- ING	TXNC- BL_B- J_100_0 1	CYCLE BASED LATE FEE PROCESS- ING	Y	Y	Y	C o m o n	This process facili- tates to calculate 'Cycle Based Late Fee' at account level and update the balances.
XPR	DEALER TRACK PRO- DUCER LOAD	XPRP- ST_EW_ 100_01	DEALER TRACK PRO- DUCER LOAD	Ν	Y	Y	C o m m o	This process dumps producer details maintained in the system into Dealer Track.
							n	System can either use MDB flow by generating out- bound JMS mes- sage if system parameter 'OUT- BOUND_DL- R_TRACK_Q' is set to 'Y' or use existing flow by making database synchronous out- bound calls to pro- ducer data dump web service.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
XPR 2	ROUTE ONE PRO- DUCER LOAD	XPRP- ST_EW_ 100_01	ROUTE ONE PRO- DUCER LOAD	N	Y	Y	C o m m o	This process dumps producer details maintained in the system into ROUTEONE.
							n	System can either use MDB flow by generating out- bound JMS mes- sage if system parameter 'OUT- BOUND_ROU- TEONE_Q' is set to 'Y' or use exist- ing flow by making database synchro- nous outbound calls to producer data dump web service.
LTR	CONDI- TIONAL ADVERSE ACTION LETTER	LORAC O_B- J_100_0 1	CONDI- TIONAL ADVERSE ACTION LETTER GENERA- TION	Y e s	N o	N o	L o n	This process gen- erates the adverse action letter for rel- evant applications.
LTR	ADVERSE ACTION LETTER	LORAD- V_B- J_100_0 1	ADVERSE ACTION LETTER GENERA- TION	Y e s	N o	N o	L o n	This process gen- erates the adverse action letter for rel- evant applications.
RPT	ACCOUNT LIST	ROPAC- C_EM_1 00_01	ACCOUNT LIST	N o	Y e s	N o	C o m m o n	
RPT	ADVANCE POSTING LIST	ROPAD- V_EM_1 00_01	ADVANCE POSTING LIST	N o	Y e s	N o	C o m m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	ASSET TRACKING DETAILS	ROPAT- K_EM_1 00_01	ASSET TRACKING DETAILS	N o	≻ e s	0 Z	C o m m o n	
RPT	BANK- RUPTCY ACCOUNT LIST	ROPBN K_EM_1 00_01	BANK- RUPTCY ACCOUNT LIST	N o	Y e s	N o	C o m m o n	
RPT	COLLEC- TOR ACTIV- ITY DETAILS	ROP- COL_EM _100_01	COLLEC- TOR ACTIV- ITY DETAILS	N o	Y e s	N o	C o m m o n	
RPT	DEFI- CIENCY ACCOUNT LIST	ROP- DEF_EM _100_01	DEFI- CIENCY ACCOUNT LIST	N o	Y e s	N o	C o m o n	
RPT	DELIN- QUENT ACCOUNT LIST	ROP- DLQ_EM _100_01	DELIN- QUENT ACCOUNT LIST	N o	Y e s	N o	C o m o n	
RPT	FUNDING CONTRACT LIST	ROP- FUN_EM _100_01	FUNDING CON- TRACT LIST	N o	Y e s	N o	C o m m o n	
RPT	GL TXN DETAILS LIST	ROP- GLI_EM _100_01	GL TXN DETAILS LIST	N o	Y e s	N o	C o m o n	

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	APPLICA- TIONS LIST	ROPOR G_EM_1 00_01	APPLICA- TIONS LIST	N o	Y e s	0 Z	C o m m o n	
RPT	PAYMENT ALLOCA- TION POST- ING DETAILS	ROP- PAL_EM _100_01	PAYMENT ALLOCA- TION POST- ING DETAILS	N o	Y e s	N o	C o m m o n	
RPT	PAYMENT POSTING LIST	ROP- PMT_EM _100_01	PAYMENT POSTING LIST	N o	Y e s	N o	C o m m o n	
RPT	PAYABLE REQUISI- TION LIST	ROP- PRQ_E M_100_0 1	PAYABLE REQUISI- TION LIST	N o	Y e s	N o	C o m m o n	
RPT	REPOSSSE- SION/FORE- CLOSURE ACCOUNT LIST	ROPRE P_EM_1 00_01	REPOS- SSESION/ FORECLO- SURE ACCOUNT LIST	N o	Y e s	N o	C o m m o n	
RPT	SCHEDULE TO CHAR- GEOFF LIST	ROP- SCH_EM _100_01	SCHEDULE TO CHAR- GEOFF LIST	N o	Y e s	N o	C o m m o n	
RPT	TERMINA- TION IN PROGRESS LIST	ROP- TIP_EM_ 100_01	TERMINA- TION IN PROG- RESS LIST	N o	Y e s	N o	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	NON MON- TETARY TXN POST- ING LIST	ROPTN- M_EM_1 00_01	NON MON- TETARY TXN POST- ING LIST	N o	Y e s	N o	C o m m o n	
RPT	MON- TETARY TXN POST- ING LIST	ROPTX- N_EM_1 00_01	MON- TETARY TXN POST- ING LIST	N o	Y e s	N o	C o m o n	
RPT	BATCH JOB SETUP	CMN- BJB_EM _100_01	BATCH JOB SETUP	N o	Y e s	N o	C o m m o n	
RPT	BATCH JOB LOG	CMN- BJB_EM _100_02	BATCH JOB LOG	N o	Y e s	N o	C o m m o n	
RPT	NUMBER OF CREDIT APPLICA- TIONS ENTERED BY USER	OUN- ADE_EM _100_01	NUMBER OF CREDIT APPLICA- TIONS ENTERED BY USER	N o	Y e s	N o	C o m m o n	
RPT	CREDIT APPLICA- TIONS IMAGES BY STATUS	OUN- ADE_EM _100_02	CREDIT APPLICA- TIONS IMAGES BY STATUS	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LOAN)	OUNUN D_EM_1 11_11	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LOAN)	N o	Y e s	N o	C o m m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LOAN)	OUNUN D_EM_1 11_12	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH (LOAN)	OUNUN D_EM_1 11_13	UNDER- WRITING STATUS BY MONTH (LOAN)	N o	Y e s	N o	C o m o n	
RPT	UNDER- WRITING STATUS BY UNDER- WRITER (LOAN)	OUNUN D_EM_1 11_14	UNDER- WRITING STATUS BY UNDER- WRITER (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LINE)	OUNUN D_EM_1 12_11	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LINE)	N o	Y e s	0 Z	CoEEor	
RPT	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LINE)	OUNUN D_EM_1 12_12	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LINE)	N o	Y e s	<b>N</b> 0	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH (LINE)	OUNUN D_EM_1 12_13	UNDER- WRITING STATUS BY MONTH (LINE)	N o	Y e s	N o	C o m o n	

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	UNDER- WRITING STATUS BY UNDER- WRITER (LINE)	OUNUN D_EM_1 12_14	UNDER- WRITING STATUS BY UNDER- WRITER (LINE)	N o	Y e s	Ο Ζ	C o E E o n	
RPT	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LEASE)	OUNUN D_EM_1 21_11	UNDER- WRITING STATUS BY MONTH AND PRO- DUCER (LEASE)	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LEASE)	OUNUN D_EM_1 21_12	UNDER- WRITING STATUS BY MONTH AND UNDER- WRITER (LEASE)	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY MONTH (LEASE)	OUNUN D_EM_1 21_13	UNDER- WRITING STATUS BY MONTH (LEASE)	N o	Y e s	N o	C o m m o n	
RPT	UNDER- WRITING STATUS BY UNDER- WRITER (LOAN)	OUNUN D_EM_1 21_14	UNDER- WRITING STATUS BY UNDER- WRITER (LOAN)	Y e s	N o	N o	L e s e	
RPT	ACCOUNT PAYABLE (ORIGINA- TION)	OFNA- PY_EM_ 100_01	ACCOUNT PAYABLE (ORIGINA- TION)	Y e s	N o	N o	C o m m o n	
RPT	ACCOUNT PAYABLE (SERVIC- ING)	OFNA- PY_EM_ 100_02	ACCOUNT PAYABLE (SERVIC- ING)	N o	Y e s	N o	C o m m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	PRE-FUND- ING CON- TRACTS (LOAN)	OFNF- ND_EM_ 111_01	PRE-FUND- ING CON- TRACTS (LOAN)	Y e s	N o	N o	L o a n	
RPT	FUNDED CON- TRACTS (LOAN)	OFNF- ND_EM_ 111_02	FUNDED CON- TRACTS (LOAN)	Y e s	N o	N o	l o a n	
RPT	PRE-FUND- ING CON- TRACTS (LINE)	OFNF- ND_EM_ 112_01	PRE-FUND- ING CON- TRACTS (LINE)	Y e s	N o	N o	L o a n	
RPT	FUNDED CON- TRACTS (LINE)	OFNF- ND_EM_ 112_02	FUNDED CON- TRACTS (LINE)	Y e s	N o	N o	C o m o n	
RPT	PRE-FUND- ING CON- TRACTS (LEASE)	OFNF- ND_EM_ 121_01	PRE-FUND- ING CON- TRACTS (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	FUNDED CON- TRACTS (LEASE)	OFNF- ND_EM_ 121_02	FUNDED CON- TRACTS (LEASE)	Y e s	N o	N o	L o a n	
RPT	ACCOUNT PAYABLE LOG BY PRODUCER	OCSAP- P_EM_1 00_01	ACCOUNT PAYABLE LOG BY PRODUCER	Y e s	N o	N o	L o a n	
RPT	ACCOUNT PAYABLE LOG BY VENDOR	OCSAPV _EM_10 0_01	ACCOUNT PAYABLE LOG BY VENDOR	Y e s	N o	N o	L o a n	
RPT	COLLAT- ERAL TRACKING LOG	OCSAS- T_EM_1 00_01	COLLAT- ERAL TRACKING LOG	Y e s	N o	N o	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	GL POST- ING LOG	OCS- GLI_EM _100_01	GL POST- ING LOG	Y e s	N o	N o	C o m o n	
RPT	PAYMENT POSTING (DAILY CASH) LOG	OCSP- MT_EM_ 100_01	PAYMENT POSTING (DAILY CASH) LOG	Y e s	N o	N o	C o m o n	
RPT	PAYMENT POSTING ERROR LOG	OCSP- MT_EM_ 100_02	PAYMENT POSTING ERROR LOG	Y e s	N o	N o	C o m o n	
RPT	ACCOUNT LISTING (LOAN)	OCSAC- C_EM_1 11_01	ACCOUNT LISTING (LOAN)	Y e s	N o	N o	L o a n	
RPT	EXCESS PAYMENT (REFUND) LOG (LOAN)	OCSP- MT_EM_ 111_03	EXCESS PAYMENT (REFUND) LOG (LOAN)	Y e s	N o	N o	L o a n	
RPT	PAYMENT HISTORY (LOAN)	OCSP- MT_EM_ 111_04	PAYMENT HISTORY (LOAN)	Y e s	N o	N o	L o a n	
RPT	PAYMENT ALLOCA- TIONS LOG (LOAN)	OCSP- MT_EM_ 111_05	PAYMENT ALLOCA- TIONS LOG (LOAN)	Y e s	N o	N o	L o a n	
RPT	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LOAN)	OCSP- MT_EM_ 111_06	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LOAN)	Y e s	N o	N o	L o a n	

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	PRO- DUCER STATE- MENT (LOAN)	OCSPS- M_EM_1 11_01	PRO- DUCER STATE- MENT (LOAN)	Y e s	N o	<b>N</b> 0	L o n	
RPT	PRO- DUCER MONETARY TXNS LOG BY GL POST DT (LOAN)	OCSPTX _EM_111 _01	PRO- DUCER MONE- TARY TXNS LOG BY GL POST DT (LOAN)	Y e s	N o	0 Z	L o a n	
RPT	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LOAN)	OCSS- CH_EM_ 111_01	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LOAN)	Y e s	N o	N o	L o a n	
RPT	AMOR- TIZED TXNS LOG BY GL POST DT (LOAN)	OCSTA M_EM_1 11_01	AMOR- TIZED TXNS LOG BY GL POST DT (LOAN)	Y e s	N o	N o	L o n	
RPT	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LOAN)	OCSTER _EM_111 _01	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LOAN)	Y e s	N o	N o	L o a n	
RPT	MONETARY TXNS LOG BY GL POST DT (LOAN)	OCSTX- N_EM_1 11_01	MONE- TARY TXNS LOG BY GL POST DT (LOAN)	Y e s	N o	N o	L o n	
RPT	ACCOUNT LISTING (LINE)	OCSAC- C_EM_1 12_01	ACCOUNT LISTING (LINE)	Y e s	N o	N o	L o a n	
RPT	ADVANCE POSTING LOG (LINE)	OCSAD- V_EM_1 12_01	ADVANCE POSTING LOG (LINE)	Y e s	N o	N o	L o a n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	ADVANCE POSTING ERROR LOG (LINE)	OCSAD- V_EM_1 12_02	ADVANCE POSTING ERROR LOG (LINE)	Y e s	N o	N o	L o a n	
RPT	PAYMENT HISTORY (LINE)	OCSP- MT_EM_ 112_04	PAYMENT HISTORY (LINE)	Y e s	N o	N o	L o a n	
RPT	PAYMENT ALLOCA- TIONS LOG (LINE)	OCSP- MT_EM_ 112_05	PAYMENT ALLOCA- TIONS LOG (LINE)	Y e s	N o	N o	C o m m o n	
RPT	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LINE)	OCSP- MT_EM_ 112_06	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LINE)	Y e s	N o	N o	C o m m o n	
RPT	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LINE)	OCSS- CH_EM_ 112_01	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LINE)	Y e s	N o	N o	C o m m o n	
RPT	AMOR- TIZED TXNS LOG BY GL POST DT (LINE)	OCSTA M_EM_1 12_01	AMOR- TIZED TXNS LOG BY GL POST DT (LINE)	Y e s	N o	N o	C o m m o n	
RPT	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LINE)	OCSTER _EM_11 2_01	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LINE)	Y e s	N o	N o	C o m m o n	
RPT	MONETARY TXNS LOG BY GL POST DT (LINE)	OCSTX- N_EM_1 12_01	MONE- TARY TXNS LOG BY GL POST DT (LINE)	Y e s	N o	N o	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	ACCOUNT LISTING (LEASE)	OCSAC- C_EM_1 21_01	ACCOUNT LISTING (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	PAYMENT HISTORY (LEASE)	OCSP- MT_EM_ 121_04	PAYMENT HISTORY (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	PAYMENT ALLOCA- TIONS LOG (LEASE)	OCSP- MT_EM_ 121_05	PAYMENT ALLOCA- TIONS LOG (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LEASE)	OCSP- MT_EM_ 121_06	PAYMENT ALLOCA- TIONS LOG BY GL POST DT (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LEASE)	OCSS- CH_EM_ 121_01	SCHED- ULED FOR CHAR- GEOFF ACCOUNTS LOG (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	AMOR- TIZED TXNS LOG BY GL POST DT (LEASE)	OCSTA M_EM_1 21_01	AMOR- TIZED TXNS LOG BY GL POST DT (LEASE)	Y e s	N o	N o	C o m m o n	
RPT	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LEASE)	OCSTER _EM_12 1_01	SCHED- ULED FOR TERMINA- TION ACCOUNTS LOG (LEASE)	Y e s	N 0	N o	C o m m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	MONETARY TXNS LOG BY GL POST DT (LEASE)	OCSTX- N_EM_1 21_01	MONE- TARY TXNS LOG BY GL POST DT (LEASE)	Y e s	N o	N o	C o m o n	
RPT	BANK- RUPTCY LOG	OCOBN K_EM_1 00_01	BANK- RUPTCY LOG	Y e s	N o	N o	C o m o n	
RPT	COLLEC- TOR ACTIV- ITY (DETAILED) LOG	OCO- COL_EM _100_01	COLLEC- TOR ACTIV- ITY (DETAILED) LOG	N o	N o	Y e s	C o m o n	
RPT	COLLEC- TOR PRO- DUCTIVITY BY QUEUE	OCO- COL_EM _100_02	COLLEC- TOR PRO- DUCTIVITY BY QUEUE	N o	N o	Y e s	C o m o n	
RPT	DELIN- QUENCY ANALYSIS BY PRO- DUCER	OCO- COL_EM _100_03	DELIN- QUENCY ANALYSIS BY PRO- DUCER	N o	N o	Y e s	C o m o n	
RPT	DELIN- QUENCY ANALYSIS BY CREDIT GRADE	OCO- COL_EM _100_04	DELIN- QUENCY ANALYSIS BY CREDIT GRADE	N o	N o	Y e s	C o m o n	
RPT	DELIN- QUENCY ANALYSIS BY STATE	OCO- COL_EM _100_05	DELIN- QUENCY ANALYSIS BY STATE	N o	N o	Y e s	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	PAYMENT PROMISE LOG	OCO- COL_EM _100_06	PAYMENT PROMISE LOG	N o	N o	≻ e s	C o m m o n	
RPT	COLLEC- TOR ACTIV- ITY LOG	OCO- COL_EM _100_07	COLLEC- TOR ACTIV- ITY LOG	N o	N o	Y e s	C o m o n	
RPT	DEFI- CIENCY LOG	OCODE- F_EM_1 00_01	DEFI- CIENCY LOG	N o	N o	Y e s	C o m o n	
RPT	DELIN- QUENCY LOG	OCODL Q_EM_1 00_01	DELIN- QUENCY LOG	N o	N o	Y e s	C o m o n	
RPT	REPOSSES- SION/FORE- CLOSURE LOG	OCORE P_EM_1 00_01	REPOS- SESSION/ FORECLO- SURE LOG	N o	N o	Y e s	C o m o n	
RPT	NON MONE- TARY TXNS LOG	OCOTN- M_EM_1 00_01	NON MON- ETARY TXNS LOG	N o	N o	Y e s	C o m o n	
RPT	VENDOR INVOICE LOG	OCOVIN _EM_10 0_01	VENDOR INVOICE LOG	N o	N o	Y e s	C o m o n	

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	VENDOR WORK ORDER LOG	OCOVN A_EM_1 00_01	VENDOR WORK ORDER LOG	N o	N o	≻es	C o m m o n	
RPT	POOL DELIN- QUENCY SUMMARY (LOAN)	OCS- SEC_EM _111_01	POOL DELIN- QUENCY SUMMARY (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL DEFAULTS (NON LIQUI- DATED) (LOAN)	OCS- SEC_EM _111_02	POOL DEFAULTS (NON LIQ- UIDATED) (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL PAY- OFFS (LOAN)	OCS- SEC_EM _111_03	POOL PAY- OFFS (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL RECOVERY (LOAN)	OCS- SEC_EM _111_04	POOL RECOV- ERY (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL DELIN- QUENCY (LOAN)	OCS- SEC_EM _111_05	POOL DELIN- QUENCY (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL REPUR- CHASED ACCOUNTS (LOAN)	OCS- SEC_EM _111_06	POOL REPUR- CHASED ACCOUNTS (LOAN)	N o	Y e s	N o	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
RPT	POOL MONTHLY ACTIVITY (LOAN)	OCS- SEC_EM _111_07	POOL MONTHLY ACTIVITY (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL LIQ- UIDATED CON- TRACTS (LOAN)	OCS- SEC_EM _111_08	POOL LIQ- UIDATED CON- TRACTS (LOAN)	N o	Y e s	N o	C o m m o n	
RPT	POOL TXNS LOG BY GL POST DT (LOAN)	OCS- SEC_EM _111_09	POOL TXNS LOG BY GL POST DT (LOAN)	N o	Y e s	N o	C o m m o n	
SET- QRT	Real time Queues pro- cessing	QCSPR C_B- J_100_0 2	Real time Queues pro- cessing	N o	≻ e s	≻ e s	CoEEor	This batch job pro- cesses queues marked as real time based on refresh frequency setup in the job set.
TAM	MONTH END COM- PENSATION DISBURSE- MENT PRO- CESSING	TPR- COM_B- J_100_0 1	MONTH END COM- PENSA- TION DISBURSE- MENT PRO- CESSING	N o	Y e s	N o	C o m m o n	
ТАМ	PRO- DUCER STATE- MENTS	TPRPS- G_B- J_100_0 1	PRO- DUCER STATE- MENTS	N o	Y e s	N o	C o m m o n	
ТАМ	PRO- DUCER STATUS CHANGE	TPRSTA _BJ_100 _01	PRO- DUCER STATUS CHANGE	N o	Y e s	N o	C o m m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ТАМ	Depreciation calculator batch job	TAMDE- P_B- J_121_0 1	DEPRECIA- TION RATE PROCESS- ING	Y e s	T e s	≻es	L e a s e	This process is used to calculate the delta deprecia- tion value of the asset from previ- ous to current period (current indicator is set as 'Y' by default).
ТАМ	Amortization schedule batch job	TAMIMP _BJ_100 _01	IMPUTED INTEREST AMORTIZA- TION TRANSAC- TIONS PROCESS- ING	Y e s	Y e s	Y e s	C o m m o n	This process is used to generate Amortization schedule based on imputed interest rate for loan con- tracts with Imputed Interest.
TPE	Escrow Anal- ysis & Dis- bursements	TXNCH- G_B- J_100_0 2	CHAR- GEOFF PROCESS- ING FOR ACTIVE ACCOUNTS	N o	Y e s	N o	C o m o n	This package con- tains procedures related to Batch Job for chargeoff processing
ESC	ESCROW ANALYSIS POSTING	TESAN- L_B- J_100_0 1	ESCROW ANALYSIS POSTING	N o	Y e s	N o	C o m o n	This package con- tains procedures related to Batch Job for escrow analysis process- ing
ESC	CREATE BATCHES FOR CUS- TOMER REFUND REQUESTS	TESAN- L_B- J_100_0 2	CREATE BATCHES FOR CUS- TOMER REFUND REQUESTS	N o	Y e s	N o	C o m o n	This package con- tains procedures related to Batch Job for escrow analysis process- ing
ESC	COMPUTE CONTROLS FOR CUS- TOMER REFUND REQUEST BATCHES	TESAN- L_B- J_100_0 4	COMPUTE CON- TROLS FOR CUS- TOMER REFUND REQUEST BATCHES	N o	Y e s	N o	C o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ESC	ESCROW COMPLI- ANCE CHECKING	TESAN- L_B- J_100_0 5	ESCROW COMPLI- ANCE CHECKING	N o	Y e s	N o	C o m m o n	
ESC	CREATE PAYABLE REQUISI- TIONS FROM APPROVED DISBURSE- MENT REQUESTS	TESDS- B_B- J_100_0 1	CREATE PAYABLE REQUISI- TIONS FROM APPROVED DISBURSE- MENT REQUESTS	N o	Y e s	N o	C o E E o n	
PUR	ARCHIVE ACCOUNT DATA TO OTABLES	PACARC _BJ_100 _01	ARCHIVE ACCOUNT DATA TO OTABLES	N o	Y e s	N o	C o m m o n	
EVE	BATCH EVENTS FOR ACCOUNTS	EVBAC- C_B- J_100_0 1	BATCH EVENTS FOR ACCOUNTS		Y e s			
EVE	BATCH EVENTS FOR APPLI- CATIONS	EVBAP- P_B- J_100_0 1	BATCH EVENTS FOR APPLI- CATIONS	Y e s				
EVE	MAIN BATCH JOB FOR BATCH EVENTS PROCESS- ING	EVB- PRC_B- J_100_0 1	MAIN BATCH JOB FOR BATCH EVENTS PROCESS- ING		Y e s			
ODD 2	BATCH JOB TO GENER- ATE METRO 2 DATA	CBUUT- L_B- J_100_0 2	BATCH JOB TO GENER- ATE METRO 2 DATA	Y e s				
ODD 2	BATCH JOB FOR CRE- ATING METRO 2 DATA FILE	CBUUT- L_B- J_100_0 3	BATCH JOB FOR CRE- ATING METRO 2 DATA FILE	Y e s				



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ODD 2	THIRD PARTY ACH PROCESS- ING	ACT- PRC_B- J_100_0 1	THIRD PARTY ACH PROCESS- ING		Y e s			
ODD 2	THIRD PARTY OUT- PUT DATA DUMP SER- VICING	OBI- PRC_B- J_100_0 1	CREATE THIRD PARTY CUS- TOMER FILE		≻ e s			This process pulls the customer account details shared in input data files for pro- cessing.
ESC	JOB TO GENERATE ESCROW DISCLO- SURE STATEMENT	OED- PRC_B- J_100_0 1	JOB TO GENERATE ESCROW DISCLO- SURE STATE- MENT		Y e s			
EDF	ADR FILE	EDFADR _BJ_100 _01	ADR FILE		Y e s			
EDF	IVR FILE	EDFIVR _BJ_100 _01	IVR FILE		Y e s			
TPE	CONTRAC- TUAL PRO- MOTION CANCEL PROCESS- ING	TXN- PRM_B- J_100_0 4	CONTRAC- TUAL PRO- MOTION CANCEL PROCESS- ING		Y e s – –			
TPE	RATE CHANGE PROCESS- ING FOR BACK- DATED INDEXES	TXN- RAT_B- J_100_0 2	RATE CHANGE PROCESS- ING FOR BACK- DATED INDEXES		Y e s			
RDB 1	LOAD ACCOUNT RELATED DATA INTO T TABLES	RACD- MP_B- J_100_0 1	LOAD ACCOUNT RELATED DATA INTO T TABLES		Y e s			



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	EXPIRED INSUR- ANCE PRO- CESSING	TXNINS _BJ_100 _01	EXPIRED INSUR- ANCE PRO- CESSING		Y e s			
ADT	UPDATE ROWID IN AUDIT TABLE (RUN THIS JOB AFTER EXPORT- IMPORT OF TABLES)	ADT- PRC_B- J_100_0 1	UPDATE ROWID IN AUDIT TABLE (RUN THIS JOB AFTER EXPORT- IMPORT OF TABLES)		Y e s			
RDB 1	LOAD INSUR- ANCE DATA TO T- TABLES	RIND- MP_B- J_100_0 1	LOAD INSUR- ANCE DATA TO T- TABLES		Y e s			
AGS	SALE LEAD AGING	AGS- SAL_B- J_100_0 1	SALE LEAD AGING	Y e s				
BOD	PROCESS PARKED TRANSAC- TIONS	JOB- BOD_B- J_000_0 2	PROCESS PARKED TRANSAC- TIONS		Y e s			
BOD	MARK SYS- TEM FOR BEGINING OF DAY	JOB- BOD_B- J_000_0 1	MARK SYS- TEM FOR BEGINING OF DAY		Y e s			
EOD	SET SYS- TEM MODE TO END-OF- DAY	JOBEOD _BJ_000 _01	SET SYS- TEM MODE TO END- OF-DAY		Y e s			
ACR	DAILY TRIAL BALANCE DATA	TABAC- C_B- J_100_0 1	DAILY TRIAL BAL- ANCE DATA GENERA- TION		Y e s			
LTR2	RATE CHANGE PRE-INTI- MATION LETTER	LCS- RAT_B- J_100_0 1	RATE CHANGE PRE-INTI- MATION LETTER		Y e s			



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
BLK	BULK UPLOAD FOR PRIC- ING SETUP	BLK- PRP_B- J_100_0 1	BULK UPLOAD FOR PRIC- ING SETUP	Y e s				
BLK	BULK UPLOAD FOR GL ATTRI- BUTES	BLK- GLS_B- J_100_0 1	BULK UPLOAD FOR GL ATTRI- BUTES				c o m m o n	
BLK	BULK UPLOAD FOR GL TRANSLA- TION	BLK- GLS_B- J_100_0 2	BULK UPLOAD FOR GL TRANSLA- TION DEFI- NITION				c o m o n	
BLK	BULK UPLOAD FOR GL TRANSAC- TION TYPES	BLK- GLS_B- J_100_0 3	BULK UPLOAD FOR GL TRANSAC- TION TYPES DETAILS				c o M M o n	
BLK	BULK UPLOAD FOR GL TRANSAC- TION LINKS	BLK- GLS_B- J_100_0 4	BULK UPLOAD FOR GL TRANSAC- TION LINKS				c o m o n	
ODD 2	RATE CHANGE LETTER FILE	OLSRAT _BJ_100 _01	RATE CHANGE LETTER FILE CRE- ATION		≻ e s			
TPE	EXPIRED DRAW PERIOD PROCESS- ING (STAGE FUNDED LOANS)	TXN- DRW_B- J_111_0 1	EXPIRED DRAW PERIOD PROCESS- ING (STAGE FUNDED LOANS)		Y e s			

Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ODD 2	DEALER SUBVEN- TION STATE- MENTS	OPSSB- V_B- J_100_0 1	DEALER SUBVEN- TION STATE- MENTS GENERA- TION				c o m m o n	
ТАМ	SUBVEN- TION RECEIV- ABLE PRO- CESSING (PAY AS GO)	TPRSB- V_B- J_100_0 1	SUBVEN- TION RECEIV- ABLE PRO- CESSING (PAY AS GO)				с о ff ff o n	
ODD 2	PRO- DUCER CHECK PRINT	OPCPR C_B- J_100_0 1	PRO- DUCER CHECK PRINT GENERA- TION				c o M M o n	
BSR	BEHAV- IORAL SCORING	BSR- PRC_B- J_100_0 1	BEHAV- IORAL SCORING		y e s			
AGE	TRANSAC- TION IN WAITING FOR APPROVAL AGING	TXNAGE _BJ_100 _01	TRANSAC- TION IN WAITING FOR APPROVAL AGING PROCESS		y e s			
ACR	PREPARE BATCH DATA FOR INTEREST ACCRUAL AND DELIN- QUENCY	TXNA- CR_B- J_100_0 2	PREPARE BATCH DATA FOR INTEREST ACCRUAL AND DELIN- QUENCY PROCESS- ING		y e s			
PDC	POST DATED CHECKS	PDCPR C_B- J_100_0 1	POST DATED CHECKS		y e s			



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PDC	PENDING PDC	PDCPN D_B- J_100_0 1	PENDING PDC PRO- CESSING		y e s			
LTR2	PDC RENEWAL LETTER	LCSPD- C_B- J_100_0 1	PDC RENEWAL LETTER GENERA- TION		y e s			
DOT	APPLICA- TION DOCU- MENT LOAD	DOL- PRC_B- J_000_0 2	APPLICA- TION DOC- UMENT LOAD	Y e s				
ODD 2	ONE TIME ACH POST DATED PAY- MENT LET- TER	OLSPD- P_B- J_100_0 1	ONE TIME ACH POST DATED PAYMENT LETTER PROCESS- ING		Y e s			
ODD 2	OUTPUT DATA DUMP SERVICING	OST- PRC_B- J_100_0 2	MASTER CUS- TOMER STATE- MENT GEN- ERATION		Y e s			This process is used to generate consolidated Account state- ments associated for each Master Account.
WFP	BILLING	WTX- BIL_B- J_132_0 1	BILLING PROCESS- ING		Y e s			
WFP	DELIN- QUENCY	WTX- DLQ_B- J_132_0 1	DELIN- QUENCY PROCESS- ING		Y e s			
WFP	LATE CHARGE	WTX- LTC_B- J_132_0 1	LATE CHARGE ASSESS- MENT		Y e s			
WFP	STATEMENT	WTXPS- G_B- J_132_0 1	STATE- MENT GEN- ERATION		Y e s			



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
WFP	RATE CHANGE	WTX- RAT_B- J_132_0 1	RATE CHANGE PROCESS- ING		Y e s			
WFP	TERMINA- TION	WTX- TIP_B- J_132_0 1	TERMINA- TION PRO- CESSING		Y e s			
TPE	PERIODIC MAIN- TAINENCE FEE	TXNPM- F_B- J_100_0 1	PERIODIC MAIN- TAINENCE FEE PRO- CESSING					
WFP	UNIT UPLOAD	WUP- PRC_B- J_132_0 1	UNIT UPLOAD				c o m o n	
ODD 2	BATCH JOB FOR MONTHLY HANDSOFF FILE FOR SIMAH	CBUUT- L_B- J_100_0 4	BATCH JOB FOR MONTHLY HAND- SOFF FILE FOR SIMAH					
PUR	PURGE ALL PTT TABLES	PTTPRC _BJ_100 _01	PURGE ALL PTT TABLES				c o m o n	
TPE	BATCH JOB FOR SET- TING MATURED ACCOUNT CONDITION	TXN- MAC_B- J_100_0 1	BATCH JOB FOR SET- TING MATURED ACCOUNT CONDITION		y e s			
TPE	NON REFUND GL	TXNRF- D_B- J_100_0 1	NON REFUND GL PRO- CESSING				c o m o n	



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
TPE	PAYMENT ARRANGE- MENT	TXNPA- P_B- J_100_0 1	PAYMENT ARRANGE- MENT PRO- CESSING		y e s			
TPE	DELAY FEE	TXND- LY_B- J_100_0 1	DELAY FEE PROCESS- ING		y e s			
TPE	STATE- MENT PAST MATURITY	TXNST- M_B- J_100_0 1	STATE- MENT PAST MATURITY PROCESS- ING		y e s			
TPE	BLACK BOOK INTERFACE	VEVBB- K_B- J_100_0 1	BLACK BOOK INTERFACE				c o m o n	
LBT	BULK NSF PAYMENT REVER- SALS	TXNNS- F_B- J_100_0 1	BULK NSF PAYMENT REVER- SALS					
ACR	STOP INTEREST ACCRUAL	TXNA- CR_B- J_100_0 3	STOP INTEREST ACCRUAL PROCESS- ING		y e s			
QRT	CUSTOMER SERVICE REAL TIME QUEUE	QCSPR C_B- J_100_0 2	CUS- TOMER SERVICE REAL TIME QUEUE PROCESS- ING		y e s			
ODD 2	OUT- BOUND CUSTOMER EXTRACTS TO PAY- MENT AGENCIES	OCP- PRC_B- J_100_0 1	OUT- BOUND CUS- TOMER EXTRACTS TO PAY- MENT AGENCIES		y e s			This process gen- erates 'Customer Payment File Extract' file with individual account dues or consoli- dated dues at Mas- ter account level in column definitions.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
ODD 2	MASTER ACCOUNT CUSTOMER MOCK STATE- MENT GEN- ERATION	OMSPR C_B- J_100_0 1	MASTER ACCOUNT CUS- TOMER MOCK STATE- MENT GEN- ERATION	Y e s	Y e s	Y e s	C o E E o n	This process gen- erates Asset bill- ing Mock Statements based on preferences defined in Con- tract.
IFP	OFFLINE CALL ACTIVITY POSTING	ICAPRC _BJ_100 _01	OFFLINE CALL ACTIVITY POSTING		y e s			
ACR	RE-START INTEREST ACCRUAL	TXNA- CR_B- J_100_0 4	RE-START INTEREST ACCRUAL		y e s			
IFP	UPLOAD TRANSAC- TIONS	ITUPRC _BJ_100 _01	UPLOAD TRANSAC- TIONS		y e s			
IFP	POST UPLOADED TRANSAC- TIONS	ITUPRC _BJ_100 _02	POST UPLOADED TRANSAC- TIONS		y e s			
IFP	INPUT FILE PROCESS- ING - CUR- RENCY EXCHANGE RATE FILE UPLOAD	ICE- PRC_B- J_100_0 1	CUR- RENCY EXCHANGE RATE FILE UPLOAD	Y e s	Y e s	Y e s	C o m m o n	This process extracts currency exchange rates from desired source at sched- uled intervals.
IFP	INPUT FILE PROCESS- ING - INPUT DATA INSERTION	IDDPRC _BJ_000 _01	INPUT DATA INSERTION		Y e s			This process updates customer account informa- tion corresponding to the details received from external system. Ex: Bankruptcy details in External Interface screen or Cure Letter details in Account Infor- mation screen.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
IFP	INPUT FILE PROCESS- ING	IPIPRC_ BJ_100_ 01	PI INFRO- MATION FILE UPLOAD PROCESS- ING	Y	Y	Y	CoEEor	This process uploads input file with PII data into the data masking screen.
IFP	INPUT FILE PROCESS- ING	IUH- PRC_B- J_100_0 1	ASSET USAGE HISTORY FILE UPLOAD	Y	Y	Y	C o E E o n	This process uploads asset usage details into the system. Driven through Setup > Data File tab, when placed in corresponding folder and batch job is run, system processes the file and loads in 'Exter- nal Interfaces' tab.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
IFP	INPUT FILE PROCESS- ING	ICP- PRC_B- J_100_0 1	CUS- TOMER PAYMENT FILE UPLOAD	Y	Y	Y	C o m m o n	This process uploads customer/ business based payment details and are displayed in Payment Entry screen with Multi Account check box selected.
								The status of Pay- ment batch is updated based on the value of sys- tem parameter PMT_BATCH_PO STING (PAY- MENT BATCH POSTING PREF- ERENCE).
								If the value is set to 'P' (POSTED), payment job request is submit- ted and payment is posted. On suc- cessful posting, the payment record is available in Payment Main- tenance screen.
IFP	INPUT FILE PROCESS- ING	ISCPRC _BJ_100 _01	SECURITI- ZATION POOL FILE UPLOAD		Y e s			This process reads the Securitization upload file and either attach or detach the accounts of the Pool.
IFP	INPUT FILE PROCESS- ING	IAD- PRC_B- J_100_0 1	ACCOUNT DUES FILE UPLOAD		Y			This process reads the input file to derive future pro- rated due on a par- ticular account. For more information refer to 'Proration of Future Account Dues' section in Dashboard > Pro- cess Files.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	ARCHIVE PURGE JOB SET	PJR- PAC_B- J_100_0 1	PURGE ACCOUNTS DATA	Y	Y	×	C o m m o n	This process purges accounts data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
PUR	ARCHIVE PURGE JOB SET	PJRPA- P_B- J_100_0 1	PURGE APPLICA- TION DATA	Y	Y	Y	C o m o n	This process purges application data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
PUR	ARCHIVE PURGE JOB SET	PJRP- GL_B- J_100_0 1	PURGE GL TXNS DATA	Y	Y	Y	C o m m o n	This process purges general ledger transaction data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
PUR	ARCHIVE PURGE JOB SET	PJRP- PA_B- J_100_0 1	PURGE POOLS DATA	Y	Y	Y	C o m o n	This process purges pools and its transactions data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
PUR	ARCHIVE PURGE JOB SET	PJRP- PX_B- J_100_0 1	PURGE PRO- DUCER TXNS DATA	Y	Y	Y	C o m m o n	This process purges producer transaction data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.



Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
PUR	ARCHIVE PURGE JOB SET	PJRPTX- _BJ_100 _01	PURGE TXNS DATA	Y	~	Y	С о	This process purges account transaction data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
PUR	ARCHIVE PURGE JOB SET	PJRPVA _BJ_100 _01	PURGE VENDOR ASSIGN- MENTS DATA	Y	Y	~	С о	This process purges vendor assignment data in archival tables based on the days defined in system parameter PAC_PURGE DAYS.
REV 1	Revenue Recognition job set	REVREC _BJ_100 _01	DAILY REV- ENUE REC- OGNITION PROCESS- ING	Y e s	Y e s	Y e s	C o m m o n	This process is used to validate if Account Revenue Recognition Equity is 'greater than or equal to' Target Revenue Recogni- tion Equity and update the Cur- rent Qualification Indicator.

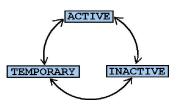


Engine Type	Description	Batch Job	Description	Origination	Servicing	Collection	Product	Comment
REV 2	Revenue Recognition job set	REVREC _BJ_100 _02	MONTH END REVE- NUE REC- OGNITION PROCESS- ING	Y e s	Y e s	Y e s	CoEEor	This process is used to validate the status of 'Account Revenue Recognition Quali- fier indicator' and update the follow- ing fields:
								- Account Revenue Recognition Quali- fier Month End indicator (after month end pro- cessing)
								- Account Revenue Recognition Quali- fier Date
								- Last Account Revenue Recogni- tion Qualifier Date
SET- EVE	BATCH EVENTS PROCESS- ING	EVE- PRC_B- J_100_0 1	BATCH EVENTS PROCESS- ING	Y e s	Y e s	Y e s	C o m m o n	This process is used for BATCH EVENTS PRO- CESSING for the Entities Account/ Application/Assets.
SET- EVE2	EVENTS PROCESS- ING FOR CUSTOMER AND BUSI- NESS	EVE- PRC_B- J_100_0 3	BATCH EVENTS PROCESS- ING (CUS- TOMER AND BUSI- NESS ENTI- TIES)	Y e s	Y e s	Y e s	C o m m o n	This process is used for BATCH EVENTS PRO- CESSING for the Entities Customer/ Business/Vendors/ Producers.

## 2.11 Producer Cycles

The Producer setup screen enables you to define the dealer or producer status cycle. This tells the system which status a producer can cycle through. (This information is recorded in the Status field on the Producers section of the Producer setup screen.

For example,





The Producer Setup screen also defines the user responsibilities capable of changing the producer status.

#### Note

The system enables only producers/dealers with a status of ACTIVE to fund contracts.

#### To set up Producer Cycles

- 1. On the Oracle Financial Services Lending and Leasing home screen, click**Setup > Setup > Administration > System > Producer Cycles**.
- 2. The system displays the Producer Cycles screen. The producer cycle screen contains three section:
  - Cycle Definition
  - Current/Next Status
  - Status Change Responsibilities

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3. In the **Cycle Definitions** section, you can view the following information.

Field:	View This:	
Cycle	Displays the cycle name.	
Туре	Displays the cycle type.	

4. In the **Cycle/Next Status** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Current Code	Select the current code from which you need to perform transition, from the drop-down list.



Field:	Do this:
Next Code	Select the code to which you need to perform transition, from the drop-down list.

- 5. Perform any of the Basic Actions mentioned in Navigation chapter.
- 6. In the **Status Change Responsibilities** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:			
Responsibility Code	Select the responsibility that will be capable of executing this transition, from the drop-down list.			
Allowed Indicator	Check this box to enable the responsibility to execute the transition.			

## 2.12 Vendors

During the life of an account, a financial institution might require the use of specialized services of a vendor for various purposes; for example, repossessing a vehicle, retaining an attorney for bankruptcy court proceedings, or making field calls. With the system's Vendors screen, you can define the following:

- Cycles
- Vendor Services
- Vendor Fees

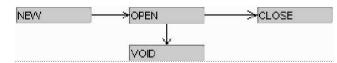
## 2.12.1 Cycles Tab

The Cycle link allows you to define the various vendor cycles and the responsibilities that can gain access to the various transactions in each cycle. The different categories are:

• You can define vendor status cycle and restrict the status change based on responsibility.



• You can define vendor invoice status cycle and restrict the status change based on responsibility.



• You can define vendor assignment status cycle and restrict the status change based on responsibility.

NEW		
	VOID	



• You can define vendor invoice payment status cycle and restrict the status change based on responsibility.



#### To set up the vendor cycles

- 1. Click Setup > Setup > Administration > System > Vendors > Cycles. The screen contains three sections:
  - Status Cycle
  - Current/Next Status
  - Status Change Responsibilities

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2. In the **Status Cycle** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	View this:
Cycle	Specify the status cycle for the vendor.
Туре	Displays the type of vendor assignment status cycle.
Order Type	Select the work order type for the vendor from the drop-down list.

A brief description of the fields are given below:

- 3. Perform any of the **Basic Actions** mentioned in Navigation chapter.
- 4. In the **Current/Next Status** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Current Code	Select the current code from which you need to transition, from the drop-down list
Next Code	Select the Next status code to which you need to transition, from the drop-down list



Field:	Do this:
Action Code	Select the call activity action code from the drop down list.
Result Code	Depending on the call activity action code, you can select the result code from the drop down list.

#### Note

When there is a change in status from 'Current' to 'Next', system posts respective call activity on the account based on selected Action and Result code.

- 5. Perform any of the Basic Actions mentioned in Navigation chapter.
- 6. In the **Status Change Responsibilities** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter:

A brief description of the fields is given below:

Field:	Do this:
Allowed	Select 'Yes' to enable the responsibility to execute the transition and 'No' to disable
Responsibility	Select the responsibility that will be capable of executing this transition (from current code to the next code), from the drop-down list.

7. Perform any of the **Basic Actions** mentioned in Navigation chapter.

### 2.12.2 Vendor Services Tab

The Vendor Service screen enables you to establish the links between the service type, vendor group, and the work order type. It records which vendor groups can provide which type of services and which service type belongs to which work order types.

For each service type (Service Type field), there can be multiple vendor groups and/or multiple work order type(s).Each vendor (Group field) can belong to one or multiple vendor group(s).

- 1. Click Setup > Setup > Administration > System > Vendors > Vendor Services. The screen contains three sections:
  - Services
  - Vendor Groups



#### • Work Order Types

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2. In the **Services** section, you can view the following information:

Field:	View this:
Service Type	Displays the service type.
Enabled	Displays if the service is enabled or not.

3. In the **Vendor Groups** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Group	Select the vendor group from the drop-down list.

- 4. Perform any of the Basic Actions mentioned in Navigation chapter.
- 5. In the **Work Order Types** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter:

A brief description of the fields is given below:

Field:	Do this:
Work Order Type	Select the work order type from the drop-down list.
Transaction	Select the associated transaction for the service type from the drop-down list.

6. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



## 2.12.3 Vendor Fees Tab

The Vendor Fees tab allows you to define fee structure (with specific amount) for each service offered by specific vendor. The defined fees is auto populated as the estimated cost of the assignment when a specific vendor and service is selected during work order creation.

### To define vendor fees

 Click Setup > Setup > Administration > System > Vendors > Vendor Fees. The screen consists of Vendor Service Fee Definition section with option to define vendor fees.

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2. In the **Vendor Service Fee Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Start Dt	System defaults the current date as the start date. You can modify the same to a future date using the adjoining calendar.
End Dt	Specify the end date from the adjoining Calendar.
Enabled	Select the check box to enable the fee structure.
Amt	Specify the amount charged by the vendor for a specific service.
Selection Crit	eria
Vendor Group	Select the vendor group from the drop-down list. You can also select 'ALL' (default option) if the fee structure is applicable across vendor groups.
Vendor	Select the vendor from the drop-down list. You can also select 'ALL' if you have selected the 'Vendor Group' as 'ALL'. The list is sorted depending on the vendor group selected.
Services	Select the service from the drop-down list. The list is sorted depending on the services offered by the selected Vendor.



Field:	Do this:
Company	System defaults this value based on the vendor selected. You can also select the required company from the drop-down list.
Branch	System defaults this value based on the vendor selected. You can also select the required branch from the drop-down list.
Vendor Channel	System defaults this value based on the vendor selected. You can also select the required vendor channel from the drop-down list.
State	System defaults the state in which the vendor operates. You can also select the state from the drop-down list.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## 2.12.4 Invoice Rules tab

The Invoice Rules tab allows you to define state specific rules with a combination of service and work order status. This helps to decide if a particular service fees in a work order is 'Collectable or Not' from the customer.

When the same combination of service, work order status and state is detected during auto invoice validation, the 'Collectible' check box in Vendors > Invoice tab > Invoice Details section is selected. Further, the collectible amount is posted as an expense on the customer account.

### To define invoice rules

- 1. Click Setup > Setup > Administration > System > Vendors > Invoice Rules.
- 2. In the **Invoice Rules** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Service	Select the service from the drop-down list. The list consists of services offered by Vendors which can be associated with a work order.
Work Order Status	Select the work order status from the drop-down list.
Close Rea- son	Select the close reason from the drop-down list. This field is enabled only if the work order status is selected as 'CLOSE'.
State	Select the state from the drop-down list. The selection here indicates that the state rules allow to collect the service fee for selected service from the customer.
Enabled	Select the check box to enable the invoice rule.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 2.13 <u>Reports</u>

The Reports screen allows you to setup reports in the system.



#### To set up the Reports

- 1. Click **Setup > Setup > Administration > System > Reports** link. The system displays the Report screen. The details are grouped into two:
  - Reports
  - Report Parameters
- 2. In the **Reports** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Printers Bark Details Check Details Standard Payees Currencies	Vendors Collection Oydes Reports Error Messages Tranalations User Organization Companies Access Users Users Oredit Bureau Correspondence	Parameter	Description	Parameter Type	Parameter Sub Type	Default		SUL		
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A brief description of the fields is given below:

Field	Do this:
Code	Specify the code of the report.
Description	Specify the description of the report.
Package	Specify the package .
Module	Select the code of the report from the drop-down list.
System Defined Yes/ No	Select 'Yes', if you wish to maintain the Report as system defined and 'No', if you do not want to maintain it as system defined. System defined entries cannot be modified. If the entry is not system defined, then it can be modified.
Enabled	Check this box to enable the report definition.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

4. In the **Report Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field	Do this:
Parameter	Specify the parameter code of the report.
Description	Specify the description of the parameter.
Parameter Type	Select the parameter type of the report from the drop-down list.
Parameter Sub Type	Select the parameter sub type of the report from the drop-down list.
Default	Specify the default value for the report parameter (value to initially populate, or used if no value is supplied) (optional).
Sort	Specify the sort order for the lookup code. This determines the order these report parameters are displayed or processed.
Enabled	Check this box to enable the report definition.

5. Perform any of the Basic Actions mentioned in Navigation chapter.

## 2.14 Error Messages

In the Error Messages Setup screen, you can translate or modify the text of error messages. the system displays all messages as they appear to the system users in the Error Message section's Message field.

New messages created with the Error Messages screen can then be translated with the **Setup > Administration > System > Translation > Message Translation** screen.

To set up the Error Messages Setup screen

- 1. Click **Setup > Setup > Administration > System > Error Messages**. The system displays the Error Message screen.
- 2. On the **Error Messages Setup** screen's **Error Type** section, use the **Error Type** field to select the error type. These are the categories of error messages available for creating or editing.
- 3. The error messages associated with the error type you selected appear in the Error Message section.



4. In the **Error Messages** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Queues Printers		
ennoise Bank Details		
Check Details		
Standard Payees		

A brief description of the fields is given below:

Field	Do this:
Region	Specify the region code.
Country	Specify the country code.
Customer	Specify the customer code.
Engine	Specify the engine code.
Error Code	Specify the error code.
System Defined	Displays whether the record is system defined or not.
Enabled	Check this box to enable the data error message.
Error Message	Specify the error message.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.15 <u>Translation</u>

You can setup translation properties.

#### **Navigating to Translation**

- 1. Click **Setup > Setup > Administration > System > Translation**. The system displays the Translation screen. On this screen you can,
  - Setup Translation
  - Translate Error Messages



## 2.15.1 Setup Translation

In the Setup Translation tab, you can translate the contents of a predefined list of setup description fields into a different language.

After you translate an entry in the Translation Data section, the system adds the new data to the setup form.

#### To set up the Translation Setup

- 1. Click Setup > Setup > Administration > System > Translation > Setup Translation.
- 2. In the **Language** section, you can select the language for which you need to setup the translation.

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and the second second		Source Type										
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etup		AUDIT TABLES AUDIT TABLE COLU	INC									
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Reports		C1	UNDEFINED	UNDEFINED	UNDE	INED	UNDEFINED	UNDEFINED	Ves No	Y	QUERY-C1	QUERY-(
Error Messages		CONTRACT_QUEUE	UNDEFINED	UNDEFINED	UNDE	INED	UNDEFINED	UNDEFINED	Ves No	Y	CONTRACT VERIF	
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4 Products			Key 5 UN Key 6 UN				Desc 2 Translation 2					

#### Note

For more information, refer Language setup at the end of this chapter.

- 3. In the **Source Type** section, you can select the source (or location in the system) of the item you want to translate.
- 4. Click **Populate All** in the **Source Type** section and the system loads the setup data descriptions in the Translation section screen for the selected source type.



If you have new entries and are unsure as to which setup items have been updated since the last translation, click **Populate All**, the system loads the additional data for all items with no impact to the previously translated data for any of the entries.

- 5. In the **Translation Data** section, Select:
  - **All** to view all the records (both translated and un-translated) in the Translation Data section.
  - Translated to view all the translated records in the Translation Data section.
- **Un Translated** to view all the un-translated records in the Translation Data section.
- 6. In the **Translation Data** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

#### Note

You cannot add a new record.

A brief description of the fields is given below:

Field	Do this:
Key 1	Displays the first reference key value.
Key 2	Displays the second reference key value.
Кеу 3	Displays the third reference key value.
Key 4	Displays the fourth reference key value.
Key 5	Displays the fifth reference key value.
Кеу 6	Displays the sixth reference key value.
System Defined	Select 'Yes', if you wish to maintain the data as system defined and 'No', if you do not want to maintain it as system defined.
Enabled	Check this box to indicate that the record is active.
Desc 1 Translation 1	Specify the first translated description.
Desc 2 Translation 2	Specify the second translated description.
Desc 3 Translation 3	Specify the third translated description.
Desc 4 Translation 4	Specify the fourth translated description.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 2.15.2 Message Translation Setup

In the Message Translation tab, you can translate the contents of a predefined list of error messages into a different language.

After you translate an entry in the Error Message section, the system adds the new data to the error message.



To set up the Message Translation Setup

- 1. Click Setup > Setup > Administration > System > Translation > Message Translation.
- 2. In the **Language** section, you can select the language for which the translation needs to be done.

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Collections	Language							
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Check Details							ENABLE	D AT ONE TIME
							LINDLL	

#### Note

For more information, refer Language setup at the end of this chapter.

- 3. In the **Error Type**, you can select the type of error message you want to translate.
- 4. Click **Populate All** in the **Error Type** section and the system loads the error messages in the Error Message section for the selected error type.

If you have new entries and are unsure as to which error messages have been updated since the last translation, click **Populate All**, the system loads the additional data for all items with no impact to the previously translated data for any of the entries.

- 5. In the Error Message section, select:
  - All to view all the records (both translated and un-translated) in the Error Message section.
  - Translated to view all the translated records in the Error Message section.
- **Untranslated** to view all the un-translated records in the Error Message section.
- 6. In the **Error Message** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

#### Note

You cannot add a new record.



A brief description of the fields is given below:

Field	Do this:
Region	Displays the region code.
Country	Displays the country code.
Customer	Displays the customer code.
Engine	Displays the engine name.
Error Code	Displays the error code.
System Defined	Check this box to indicate that the record is system defined.
Enabled	Check this box to indicate that the record is active.
Message	Specify the error message.
English Translation	Specify the English translated description.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

#### Language setup

On the Lookup master tab's Lookup Types screen, you can add other languages to the TRD\_LANGUAGE\_CD lookup type and perform translations for those languages.

However, translated data only appears in one language, which is defined by the User Language parameter. This parameter can be defined in the system configuration file, typically named DBKWEB.CFG, which defines the parameter as:

Parameter: otherparams=ORA\_USER=<schema\_name> USR\_LANG=<native language>

#### Note

<native language> should match lookup codes in the TRD\_LANGUAGE\_CD lookup type on the Administration form's Lookups screen.

The system supports the following pre-defined list of setup items for translation:

- 1. Asset Sub Types
- 2. Asset Types
- 3. Assignments
- 4. Audit Table Columns
- 5. Audit Tables
- 6. Call Action Result Types
- 7. Call Action Types
- 8. Checklist Action Types
- 9. Checklist Types
- 10. Commission Plans
- 11. Companies



- 12. Company Branch Departments
- 13. Company Branches
- 14. Compensation Plans
- 15. Credit Bureau Score Reasons
- 16. Credit Models
- 17. Credit Scoring Parameters
- 18. Edits
- 19. Escrow Disburse Rules
- 20. Escrow Sub Types
- 21. Flex Table Attributes
- 22. Flex Tables
- 23. GL Transaction Types
- 24. GL Translators
- 25. Job Sets
- 26. Jobs
- 27. Lookup Codes
- 28. Lookup Types
- 29. Portfolio Companies
- 30. Portfolio Company Branches
- 31. Producers
- 32. Product Instruments
- 33. Product Insurances
- 34. Product Pricings
- 35. Products
- 36. Promotions
- 37. Spreads
- 38. Standard Correspondences
- 39. Standard Document Definitions
- 40. Standard Element Definitions
- 41. Standard Function Definitions
- 42. Transaction Codes
- 43. Error Messages
- 44. Org. Fees

## 2.16 Label Configuration

The Label Configuration screen facilitates for field label customizations to modify the default field's label which are provided as part of seed data during product installation / upgrade. Using this screen, you can modify the field's User Defined Label, update Tooltip, set Default Value (if required), set display (Y/N) option and enable / disable the field. The changes done here are populated to respective screen in the application.



#### Note

- Label configuration is controlled by the value defined for system parameter UIX\_CUSTOM\_LABEL\_ENABLED\_IND and indicates whether configurable option is enabled or not.
- Also the 'Update' button in Label Configuration screen is enabled only if UIX\_CUS-TOM\_LABEL\_ENABLED\_IND is set o Y.

Field in the UI are categorized into two types:

- Base fields these are default fields in the UI consisting of both mandatory and nonmandatory fields.
- User Defined Fields these are additional fields provided in disabled status which can be enabled and customized as required.

Note the following:

- Configuring field details is only an optional functionality and has to be used sensitively.
- Field customizations are to be done cautiously and is recommended to be performed by someone who is well-versed with the product. For example, label change of a particular field is to be done at both 'Section' and 'Header' block to avoid inconsistency.
- Field customizations are to be performed at your sole discretion and OFSLL is not responsible for any impact/damage/mismatch in the data being represented or resulting out of this change.

The Label Configuration screen displays all the Base and User defined fields provided for the below listed screens and its sub tabs. Apart from base fields, there are additional 'User Defined Fields' provided with the below combination in disabled status.

- 10 free text fields 'User Defined Field Char'
- 30 numeric fields 'User Defined Field Num'
- 10 date fields 'User Defined Field Date'

List of screens enabled with the above User Defined Fields for configuration:

- Producer Screen
- Customer Service > Checklists > Checklist Types, Action Regular sub tab, and Action
   Document sub tab.
- Customer Service > Correspondence > Correspondences sub tab, Documents sub tab, and Document Elements sub tab.
- Customer Service > Letters
- Customer Service > Collateral
- Customer Service > Account Details
- Servicing > Collateral Management > Collateral Details
- Conversion Accounts > Account Boarding > Collateral and Account Details sub tab.
- Origination > Underwriting > Bureau > Report Header sub tab and all 10 sub tabs

#### Note

The corresponding web services are also enhanced to include the User Defined Fields. Refer to swagger web service release documentation available in OTN library (https://docs.oracle.com/cd/F22291\_01/webservice.htm).



Ensure that the field(s) for which label changes are to be done is enabled in the UI from Access setup screen. For more information, refer to Field Access Definition section.

You can update the field properties for all the user defined fields. For Base -non mandatory fields, you can set the display (Y/N) option, define as mandatory / non mandatory and enable or disable the same in UI.

Parameter	Base Field	User Defined Field	Comment
Label change	Allowed to modify	Allowed to modify	
Data Type	Not allowed to modify - Display only	Not allowed to modify - Display only	Default data type supported by the field
Default Value	Allowed to modify	Allowed to modify	No default value
Required	Not allowed to modify	Allowed to modify	
Display (Yes/ No)	Allowed to modify for non-mandatory fields	Allowed to modify for non-mandatory fields	Cannot modify mandatory Base field

The below table indicates the supported field update options based on field type.

The Label Configuration screen displays the field records based on specific combination of 'Language' and 'Division'. By default the combination is set to 'ALL' and can further be filtered by selecting required combination from respective drop-down list.

Note that the Label Configuration done for a specific division (for example US01) is displayed to those users who are mapped to the same division (US01). Else, the default labels defined for 'ALL' division is displayed.

After updating the required changes in Label Configuration screen, you need to logout and relogin for changes to appear in respective UI. This is basically to refresh session cache and fetch the updated field information from database server. Though, there is 'Update' option, clicking on the same only refreshes the cache and reloads the record.

#### To customize Label Configuration

1. Click Setup > Setup > Administration > System > Label Configuration.

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	on							/ Edit	View	🖉 Audi
View 🔻 Format 👻 🛙	📝 📗 Freeze	Detach 🧔	🛛 Wrap 🛛 🚷 Language		Division	[	🔹 🚱 Load 🛛 🚱 Update			
Language	Division	Object Type	Object Name	Field Name	Data Type	User Defined Label	Tooltip	Required	Display (Yes /No)	Enabled
ENGLISH	OD-001	FIELD	UprPonVO	PonUdf2Num	NUMBER.	User Defined Field Num 2	Enter the User Defined Field Num 2	N	N	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdf3Char	VARCHAR	User Defined Field Char 3	Enter the User Defined Field Char 3	N	N	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdf3Date	DATE	User Defined Field Date 3	Enter the User Defined Field Date 3	N	Y	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdf3Num	NUMBER.	User Defined Field Num 3	Enter the User Defined Field Num 3	N	Y	Y
ENGLISH	OD-001	FIELD	UprPanVO	PonUdf4Char	VARCHAR	User Defined Field Char 4	Enter the User Defined Field Char 4	N	Y	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdf4Date	DATE	User Defined Field Date 4	Enter the User Defined Field Date 4	N	N	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdf4Num	NUMBER	User Defined Field Num 4	Enter the User Defined Field Num 4	N	N	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdfSChar	VARCHAR	User Defined Field Char 5	Enter the User Defined Field Char 5	N	N	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdfSDate	DATE	User Defined Field Date 5	Enter the User Defined Field Date 5	N	N	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdfSNum	NUMBER	User Defined Field Num 5	Enter the User Defined Field Num 5	N	N	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdf6Char	VARCHAR	User Defined Field Char 6	Enter the User Defined Field Char 6	N	N	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdf7Char	VARCHAR	User Defined Field Char 7	Enter the User Defined Field Char 7	N	N	Y
ENGLISH	OD-001	FIELD	UprPonVO	PonUdf8Char	VARCHAR	User Defined Field Char 8	Enter the User Defined Field Char 8	N	N	Y
ENGLISH	OD-001	FIELD	UprPcnVO	PonUdf9Char	VARCHAR	User Defined Field Char 9	Enter the User Defined Field Char 9	N	N	Y
ENGLISH	OD-001	FIELD	UprProAchVO	DspAchAccountBicCd	VARCHAR	BIC	UNDEFINED	N	Y	Y
4										

2. To filter the records in Label Configuration section, select the required combination of 'Language' and 'Division' from the drop-down list and click 'Load'.



3. Select the required record and click 'Edit'. You can also perform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

While looking for a specific field to customize, you might notice multiple records with similar data since one record is populated in section and other on header. Carefully differentiate and select the required record for update.

Field	Do this:
Language	View the language category of the field.
Division	View the division category of the field.
Object Type	View the type of object category of the field such as Tab / Field / Button / Header / Sub header.
Object Name	View the object name maintained in database.
Field Name	View the field name maintained in database.
User Defined Label	Specify the field label name to be updated in the UI.
Tooltip	Enter the tooltip indicating the type of value to be populated for the field. The same is displayed on mouse over.
Default Value	Specify the default value to be populated in UI.
	Based on field type, the default value set to UNDEFINED for varchar, 0 for Number, and system date for Date.
Required	Check this box to mark the field as mandatory for input in UI.
Display (Yes /No)	Check this box to display the field in UI. By default, the same checked for Base - non mandatory fields.
	<b>Note</b> : Option defined here takes precedence with the display (Y/ N) option selected in Setup > Administration > Access > Screen > Field Access Configuration tab.
System Required	'Y' indicates the field is system required and other parameters such as Required, Display, and Enabled options are disabled.
	'N' indicates the field is user configurable.
Enabled	Check this box to enable the field and apply the label configuration changes on save.

A brief description of the fields is given below:

4. Perform any of the Basic Actions mentioned in Navigation chapter.

5. Click 'Update'. System refreshes the cache automatically and fetches the updated field details from database server to display in header section.

## 2.17 Seed Data

Seed data in general is referred to as any data delivered with the standard product installation and is required to be present in the production environment for application to work properly. Seed data basically consists of Table with its associated data that are uploaded into the system through DAT files.



Seed Data screen in Oracle Financial Services Lending and Leasing displays the seed data details maintained in the system along with the updated seed data provided with the latest release or patch installation.

Note that, when you upgrade OFSLL from an existing version to higher version,

- New seed data provided as part of that release is automatically updated into the system.
- Seed data which are modified from previous release to current release needs to be manually accepted and updated into the system.

The modified seed data can have updates on base tables and/or its associated data and the changes can either be updated or skipped depending on the need.

#### Navigating to Seed Data screen

- 1. Click Setup > Setup > Administration > System > Seed Data. The system displays the Seed Data screen.
- 2. On this screen you can do the following:
  - View the factory shipped seed data and update/skip the seed data differences between existing and updated seed data in 'Factory Data' tab.
  - View the customized (i.e. changed or configured) seed data as part of implementation in 'Current Data' tab.
  - View the differences between Factory data and Current data in 'Comparison Data' tab.
  - Download all or only the required table specific seed data in "Download Data' tab.

### 2.17.1 Factory Data

The Factory Data tab displays the list of both existing and updated seed data which are provided though release/patch installation. In the Factory Data tab you can select and update only the required seed data changes into the respective seed data tables. During update, you can also skip the seed data changes for later updates (if required).

Accordingly, you can sort the view in Factory Data tab by selecting 'Skipped', 'Update' or 'All' options to display the list of corresponding seed data.

In the 'Patch #' drop-down list, you can further sort the list to display 'ALL' the seed data or only the additions or updates available as part of latest patch which has seed data changes.

#### To View Factory Data

ORACLE Financial Services Lending and Leasing me, FFUSER 🔻 🧃 Sign Qut 🔘 Seed Data v X Clo (A) Factory Data Current Data Comparison Data DashBoard <u>V</u>iew Factory Data Origination T will insert the new setup data and UPDATE will modify existing setup data. Please give careful conside Servicing Insert O Update O Al Collections View 🔻 Format 👻 📑 Freeze 🚰 Detach 🖉 Wrap 🛛 🚷 Patch # ALL . WFP 
 Type
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 INMERE IVARCHAR2IYARCHARZIYARCHARZI Table Tools Count FLEX\_TABLE\_ATTRIBUTES JUBS COMBINATION... JUB\_JBS\_... VARCHAR2/VA ranslation eed Data Factory Data Details **y**jew View 🔻 Format 👻 🔝 Freeze 🚮 Detach 🕼 Wrap 🔞 4 Select Key Column Data SET-GRI1 GRI INTERFACE JOBS Y ROOT (ALWAYS (DAILY (DAILY) COMPLETED (05/01/2016 10:00:00 (08/08/2016 10:00:18) (08/09/2003 10:00:00 (N Oredit Burea SET-GRI2 GET CASE UPDATES WEBSERVICE TRIGGERING |/ |ROOT |ALWAYS |MINUTE | 30MIN |COMPLETED |05/01/2016 10:00:00 |08/08/2016 10:00:18 | 08/09/2016 10:00:00 | N General Le SET-VEN VENDOR ASSIGNMENT ALLOCATION PROCESSING|Y|ROOT|ALWAYS|DAILY|DAILY|COMPLETED|05/01/2016 10:00:00|08/08/2016 10:00:18|08/0 rinters Bank Detail

Click Setup > Setup > Administration > System > Seed Data > Factory Data tab.



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	a secuon displa	vs me list of seed	data with the follow	vino detalis.
		,		

Field	View this:
Table	Displays the seed data table name.
Туре	Displays the category of seed data as either System or Combination Data.
Key Column	Displays the unique identifier columns.
Key Column Type	Displays the unique identifier column data types.
Other Columns	Displays the non unique identifier column names.
Other Column Types	Displays the non unique identifier column data types.
Count	Displays the total count of updated records in the seed data table.

The 'Factory Data Details' section displays the associated data of the selected seed data table along with the following details:

Field	View this:					
Key Column Data	Displays the unique identifier column names.					
Other Column Data	Displays the non unique identifier column names.					
Patch #	Displays the patch number with which the seed data change are identified.					
Status	Displays the current status of seed data as one of the following:					
	<b>INSERT</b> : This status indicates new seed data.					
	<b>UPDATE</b> : This status indicates if there are changes in the record when compared to the seed data released in previous patch.					
	<b>POSTED</b> : This status indicates that the seed data changes are updated into the main tables and is subsequently updated from previous status - SKIPPED OR UPDATE OR INSERT.					
	<b>SKIPPED</b> : This status indicates that the seed data is not updated into the main tables.					
	<b>DEPRECATED</b> - This status indicates that the seed data is no longer used.					

In the 'Factory Data' tab, you can click (efresh) to fetch the latest details and click 'View' to display the detailed information of the selected record.

### 2.17.1.1 Update/Skip Seed Data

The 'Update' option in the Factory Data tab allows you to replace the existing seed data with the current update. However, ensure to double check the details before performing 'Update' operation since the same can have significant impact on system behaviour.

#### To Update/Skip Data



- 1. In the Factory Data' tab, select 'Update'. System displays those records which can be updated to the existing seed data tables.
- 2. Inspect the required record in Factory Data section with the Factory Data Details in subsequent section.
- 3. Select the required record to be updated by clicking on the adjacent check box. You can also click 'Select All' to select all the records.
- 4. Do one of the following:
  - Click 'Update Data'. This action updates the existing seed data with the updated seed data provided as part of the current patch release.
  - Click 'Skip Data'. This action skips the seed data changes received as a part of the patch release. The skipped records can be viewed by selecting 'Skipped' option in Factory Data tab. However, the same can further be updated into the system, by selecting 'Update Data'.
- 5. Click 'Yes' in confirmation dialog to confirm the setup data changes.

On successful update, system does the following:

- When individual records are selected and updated, the same is removed from Factory Data Details section and the 'Count' column in Factory Data section is updated with the remaining number of records.
- In case of Bulk update, the record is removed from Factory Data tab.

### 2.17.2 <u>Current Data</u>

The Current data tab displays the customized seed data which are changed or configured as part of implementation. In the 'Current Data' tab, you can click (refresh) to fetch the latest details and click 'View' to display the detailed information of the selected record.

Additionally you can click "Refresh Data' to pull the seed data details from the production system and update the current seed data tables.

#### To View Current Data

Click Setup > Setup > Administration > System > Seed Data > Current Data tab.

SEARCH MENU	<b>60</b>	Seed Data ×								2
		Factory Data Current Data Com	parison	Data						
DashBoard									_	
Origination		Current Data								Vjew
Servicing		View 🔻 Format 👻 🔝 Fre	eeze	🖌 Detach 🛛 🚽 V	Nrap 🚷 🧔	Refresh Data				
Collections		4							20	
		Table	Туре	Key Column	Key Column Type	Other Columns	Other Column Types	Count	Last Refreshed Dt	
> WFP		SEPA_TAG_MSG_MAPPING	CO	SMM_MSG_TYPE S	VARCHAR2/VARC	SMM_TABLE_NAM	VARCHAR2 VARCHAR2 VARCHAR2 VARCHAR2 VARC	171	03/23/2017 10:05:13 AM	
Tools		CREDIT_BUREAU_PARAMETERS	CO	CRP_CRB_PARAM	VARCHAR2 VARC	CRP_VALUE CRP	VARCHAR2 VARCHAR2	159	03/23/2017 10:05:13 AM	H
Setup		CREDIT_BUREAU_SCORE_REAS	CO	CMR_BUREAU_SC	VARCHAR2[VARC	CMR_REASON_DE	VARCHAR2	6058	03/23/2017 10:05:13 AM	
1997 - 120 March 1997	100	INPUT_FILE_DEFINITIONS	CO	IDF_NAME	VARCHAR2	IDF_DESC IDF_DI	VARCHAR2 VARCHAR2 VARCHAR2 VARCHAR2 VARC	5	03/23/2017 10:05:13 AM	
Reports		INPUT_FILE_RECORD_DETAILS	CO	IRD_IDF_NAME IR	VARCHAR2 VARC	IRD_INPUT_COLU	NUMBER VARCHAR2 VARCHAR2 NUMBER	157	03/23/2017 10:05:13 AM	
Error Messages	1	LOOKUP_TYPES	SYS	LKT_TYPE	VARCHAR2	LKT_DESC LKT_SY	VARCHAR2 VARCHAR2 VARCHAR2	502	03/23/2017 10:05:13 AM	
Translations		OUTPUT_FILE_RECORD_DETAILS	CO	ORD_ODF_NAME	VARCHAR2 VARC	ORD_DATA_COLU	NUMBER [NUMBER  VARCHAR2] VARCHAR2 NUMBER [N	2281	03/23/2017 10:05:13 AM	
Seed Data		EVENT_TYPES	CO	EVT_EVENT_TYPE	VARCHAR2 VARC	EVT_EVENT_DESC	VARCHAR2 VARCHAR2 VARCHAR2	102	03/23/2017 10:05:13 AM	
4 User		FLEX_TABLES	CO	FTB_TABLE	VARCHAR2	FTB_SUPER_PROD	VARCHAR2 VARCHAR2 VARCHAR2 VARCHAR2 VARC	175	03/23/2017 10:05:13 AM	
Organization Companies Access	H	FLS_ACCESS_DETAILS	co	FAD_FAC_ACCESS.	. VARCHAR2[VARC	FAD_ALLOWED_IN.	VARCHAR2]VARCHAR2	3908	03/23/2017 10:05:13 AM	Ŧ
Users		Current Data Details								View
Credit Bureau Correspondence		View 🕶 Format 🕶 🛃 🔟 Fre	eeze	🚰 Detach 🛛 🖓 V	Nrap 🚷					
General Ledger		4								
Oueues		Key Column Data		Ot	her Column Data					
Printers		PAIN001/BATCHDETAILS//Amt/7			N N					
Bank Details		PAIN001/BATCHDETAILSI/CdtTrfTx	define.		[[N]N]					1



The 'Current Data' section displays the following details:

Field	View this:			
Table	Displays the current seed data table name.			
Туре	Displays the category of seed data as either System or Combination Data.			
Key Column	Displays the unique identifier columns.			
Key Column Type	Displays the unique identifier column data types.			
Other Columns	Displays the non unique identifier column names.			
Other Column Types	Displays the non unique identifier column data types.			
Count	Displays the total count of records in the seed data table.			
Last Refreshed Dt	Displays the date and time when seed data for the selected table was last updated in the system.			

The subsequent 'Current Data Details' section displays the associated data of the selected seed data table along with the following details:

Field	View this:
Key Column Data	Displays the unique identifier column names.
Other Column Data	Displays the non unique identifier column names.

## 2.17.3 Comparison Data

The 'Comparison Data' tab displays the differences between factory shipped seed data and current customized seed data.

#### To View Comparison Data

Click Setup > Setup > Administration > System > Seed Data > Comparison Data tab.

SEARCH MENU	8	Seed Data ×					0
		Factory Data Current Data Con	parison Data				
> DashBoard							· · · · · · · · · · · · · · · · · · ·
> Origination		Comparison Data					Uiew Jiew
Servicing							Insert O Update
Collections		View - Format -	reeze Detach	oll Wran	68)		State to opuate
WEP			Tecce appear	dia map	<b>VII</b>		
> Tools		Table	Type	Kev Column	Key Column Type	Other Columns	Other Column Types
		ACCESS GRID ENTITY DETAILS		AGD COM COMP		other columns	Other Column Types
Setup		CREDIT BUREAU SCORE REAS.				CMR REASON DESC	VARCHAR2
Reports		CYCLE_NEXT_STEPS				CYN_EDIT_TYPE_CD CYN_HT_OUTCOME CYN_ORIGINATION_STAGE_CD CYN_CAT	and the second se
Error Messages	ations					FTA SORTIFTA DESCIFTA DATA TYPE CDIFTA COMPARISON OPERATOR CDIFT.	
Translations Seed Data		FLS_ACCESS		FAC_ACCESS_CODE		FAC_DESC[FAC_ENABLED_IND]FAC_SYSTEM_SETUP_IND[FAC_SUPER_GROUP_CD].	
		JOBS	COMBINATION	JOB_JBS_CODE J	VARCHAR2 VARC	JOB_SORT JOB_REQUEST_TYPE_CD JOB_DESC JOB_ENABLED_IND JOB_CODE_PA	NUMBER VARCHAR2 VARCHAR2
⊿ User		JOB_SETS	COMBINATION	JBS_CODE	VARCHAR2	JBS_DESC[JBS_ENABLED_IND[JBS_CODE_PARENT[JBS_JOB_SET_DEPENDENCY_CD	VARCHAR2 VARCHAR2 VARCHAF
Organization	н	JOB_THREADS	COMBINATION	JBT_JBS_CODE   JB	VARCHAR2 VARC	JBT_ENABLED_IND[JBT_JOB_THREAD_STATUS_CD[JBT_NO_OF_ERRORS[JBT_NO	VARCHAR2 VARCHAR2 NUMBER
Companies		LOOKUPS	COMBINATION	LKC_LKT_TYPE LK	VARCHAR2 VARC	LKC_SUB_CODE LKC_SORT LKC_DESC LKC_SYSTEM_SETUP_IND LKC_ENABLED_IND	VARCHAR2 NUMBER VARCHAR2
Access		SYSTEM_PARAMETERS	COMBINATION	SYP_PARAMETER	VARCHAR2 VARC	SYP_VALUE[SYP_ENABLED_IND	VARCHAR2 VARCHAR2
Users		•			m		•
Credit Bureau							
Correspondence							
General Ledger		Comparison Data Details					<u>View</u>
Queues		View - Format - 🐻	reeze Detach	ط Wrap	(5)		
Printers			Seed.2	To an and the local sector			
Bank Details	-	Key Column Data				Other Column Data	



Field	View this:
Table	Displays the seed data table name to be inserted or updated.
Туре	Displays the category of seed data as either System or Combination Data.
Key Column	Displays the unique identifier columns.
Key Column Type	Displays the unique identifier column data types.
Other Columns	Displays the non unique identifier column names.
Other Column Types	Displays the non unique identifier column data types.
Count	Displays the total count of records in the seed data table.

The subsequent 'Comparison Data Details' section displays the associated data of the selected seed data table along with the following details:

Field	View this:
Key Column Data	Displays the unique identifier column names.
Other Column Data	Displays the non unique identifier column names.
Patch #	Displays the patch release version with which the seed data was inserted/updated.

In the 'Comparison Data' tab, you can click () (refresh) to fetch the latest details and click 'View' to display the detailed information of the selected record.

## 2.17.4 Download Data

The Download Data tab allows you to download table specific seed data available in the system in '.dat' format. While migrating from one environment to other, you can use the Download Data tab to download the existing seed data and perform a bulk upload of all/ required files.

Similar to other file download process, based on the value defined for the system parameter 'CMN\_FILE\_PROCESS\_TO\_LOB', the seed data download file can be accessed from the Process Files interface (if value is 'Y') or Database Files system (if value is 'N'). For more information on handling Incoming/Outgoing process files, refer to 'Dashboard' section in User Guides.



#### To Download Data

1. Click Setup > Setup > Administration > System > Seed Data > Download Data tab.

SEARCH MENU		Seed Data x  Information	
> DashBoard		Request submitted. Reference Number ABSHEKAR2803065432# Factory Data Current Data Comparison Data <b>Download Data</b>	
Origination			
Servicing		Download Data	
> Collections		View - Format - 💀 🔟 Freeze 🔐 Detach 📣 Wrap 🚱 🔂 Submit For Download	
> WFP		Select Table Name	
> Tools	Table Type		
Setup		ACCESS_GRID_ENTITIES	COMBINATION_DATA
Setup	-	ACCESS_GRID_ENTITY_DETAILS	COMBINATION_DATA -
4 Administration	=	MENU_ACCESS	COMBINATION_DATA
J System		ACCESS_GRID_FUNCTIONS	COMBINATION_DATA
System Parameter		APPLICATION_DEFAULTS	PRODUCT_DATA
Lookups		ASSET_ATTRIBUTE_TYPES	PRODUCT_DATA
User Defined Tables		ASSET_MAKE_MODELS	PRODUCT_DATA
Audit Tables		ASSET_SUB_TYPES	PRODUCT_DATA
User Defined Defaults		ASSET_TYPES	PRODUCT_DATA
Transaction Codes Data Files		ASSIGNMENT_CONDITIONS	PRODUCT DATA +

The Download Data section displays the list of tables maintained in the system with 'Table Name' and 'Table Type'. Click () (refresh) to fetch the latest details.

- 2. Select the check box adjacent to the required table in the list. You can choose 'Select All' check box to select all the tables with seed data maintained in the system.
- 3. Click 'Submit For Download' button. System displays an information message in the header indicating that the request has been submitted along with a reference number. The reference number is generated in format useridDDMMHHMISS# followed by table name with '.dat' extension. For example, (USER1230603121517#lookups.dat)
- 4. (Optional) If 'CMN\_FILE\_PROCESS\_TO\_LOB' is set to 'Y', navigate to DashBoard > Process Files screen > Outgoing Process File tab to download the selected seed data file which will be listed with the same reference number. The file can be downloaded to Application server.

## 2.18 Data Masking

Data masking screen in Oracle Financial Services Lending and Leasing facilitates to mask Personally Identifiable Information (PII) displayed in the application to safeguard the sensitive and confidential information while protecting them from offenders.

As part of the product installation, standard set of identified fields (seed data) which is likely to contain either organization / customer PI information are provided for data masking in disabled status. Based on need, the required fields can be enabled and masked for specific user responsibility in the Data Masking screen. Also if there are additional PII fields identified for masking, the same can be pooled into the system using input file processing method and masked using Data Masking screen.

The data masking process involves the following steps:

- Identify and enable field(s) (seed data) to be masked
- Select user responsibility for whom the data has to be masked
- Execute batch job to create data redaction policy
- Compile the data redaction policy
- (Optional) Process user identified PII data for masking



The following table indicates the standard pre-defined fields (seed data) identified in respective screens/tabs which can be readily masked using the Data Masking screen.

Tab Name	Field Names					
Origination						
Applicant	First Name, MI, Last Name, Family Name, Birth Dt, Nationality, National ID, Visa #, Passport #, License #, Marital status, Mother's maiden name, Passport number, Gender, Language, Dependents, Ethnicity, Disability, Email, Race, and Education.					
Applicant > FATCA	Birth Place, Birth Country, and Permanent US Resident Status.					
Applicant > Power of Attorney	Holder Name, Address, Country, Nationality, and Telephone Number.					
Applicant	Active Military Duty, Military Effective Date, Duty Order Number, and Active Military duty Release date.					
Addresses	Country, Postal Address Type, Address #, Street Pre, Street Name, Street Type, Street Post, Apt #, Address 1, Address 2, Address 3, Zip, Zip Extn, City, State, and Phone.					
Telecoms	Phone and Extn					
Employments	Employer, Country, Address #, Address 1, Address 2, Zip, Zip Extn, City, State, Phone, Extn, Income Amt - Stated, Income Amt - Actual, Salary - Stated, Salary - Actual, and Title.					
Applicant > Financials	Type, Source, Account #, and Currency.					
Existing Accounts	Account # and Title.					
Servicing						
Customer	Name, Birth Dt, Nationality, National ID, Visa #, Passport #, License #, Marital status, Mother's maiden name, Passport #, Language, Disability, Email, and Education.					
Customer > FATCA	Birth Place, Birth Country, and Permanent US Resident Status.					
Customer > Power of Attorney	Holder Name, Address, Country, Nationality, and Telephone Number.					
Customer	Active Military Duty, Military Effective Date, Duty Order Number, and Active Military duty Release date.					
Addresses	Country, Postal Address Type, Address #, Street Pre, Street Name, Street Type, Street Post, Apt #, Address 1, Address 2, Address 3, Zip, Zip Extn, City, State, Phone, and Address.					
Employments	Employer, Country, Address #, Address 1, Address 2, Zip, Zip Extn, City, State, Phone, Extn, and Title.					
Assets tab						
Assets	Identification #, Lien Status, Lien Event Date, Second Lien Holder, Comments, Lien Release Entity, and Entity Name.					



#### Masking Format

Oracle Financial Services Lending and Leasing supports only complete masking (not partial) of both factory shipped and user identified PII data. On masking, the masked data is presented in same structural format to facilitate internal validations. The below table indicates the default values used for masking fields based on data type:

Data Type	Masking Value
NUMBER	9
VARCHAR	Х
DATE	31/12/9999
Phone number	For UI represented format - 000-000-0009 (Masked with 0's and last digit as 9) and for generic, masked as 9999999999
Email	xxxxx.xxx@ <domain>.com</domain>

#### Note

It is recommended to avoid modifying masked data for user(s) with masked responsibility. However, while editing masked data (if permitted) requires to input full data replacing the masked characters. For example, editing a masked SSN (xxx.xx.xxxx) requires to specify all nine digits of SSN and not just the last four digits.

### 2.18.1 Setup Data Masking

#### 1. Click Setup > Administration > System > Data Masking.

2. Define the parameters available in 'Data Masking Details' and 'User Access Details' tabs.

#### 2.18.1.1 Data Masking Details

On clicking Data Masking link, the Data Masking Details tab is displayed by default and allows you to enable the required fields for masking.

ata Masking 🗙				
Data Masking Details	User Access Details			
Data Masking Det	ails		Edit Ue	w 🔗 Audit
		69		
Table Name	Field Name	Enabled	System Defined Y/N	
ACCOUNTS	ACC_ACH_BANK_NAME	N	Y	
ACCOUNTS	ACC_ACH_BANK_NAME_CUR	N	Y	
ACCOUNTS	ACC_PHP_DRAWER_CITY	N	Y	
ACCOUNTS	ACC_PRIMARY_CUS_LANGUAGE_CD	N	Y	
ACCOUNTS	ACC_TITLE	Y	Y	
ACCOUNT_ACH_DET	AILS AAC_ACH_ACCOUNT_BIC_CD	N	Y	
ACCOUNT_ACH_DET	AILS AAC_BANK_CITY	N	Y	
ACCOUNT_ACH_DET	AILS AAC_BANK_CITY	N	Y	
ACCOUNT_ACH_DET	AILS AAC_BANK_NAME	N	Y	
ACCOUNT_ACH_DET	AILS AAC_BANK_STATE_CD	N	Y	-
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1. In the Data Masking Details section, perform any of the Basic Operations mentioned in Navigation chapter.

A brief description of the fields are given below:

Field	Do this:
Table Name	View the table name which contains the selected field details.
Field Name	View the selected field name.
Enabled	Check this box to enable masking of the selected field.
System Defined	View the type of seed data maintained in the system. 'Y' indicates factory shipped seed data and 'N' indicates user defined seed data.

2. Perform any of the Basic Actions mentioned in Navigation chapter.

### 2.18.1.2 User Access Details

The User Access Details tab facilitates to define the user responsibility to whom the PII data should be masked. By default, all the selected PII data in Data Masking Details tab appears as masked for one or more user(s) selected in this tab.

1. Click Setup > Administration > System > Data Masking > User Access Details.

ata Maski	ing <sub>×</sub>								
ata Maskin	g Details	User /	Access Detail	5					
User Ao	cess Det	ails					de Add	✓ Edit View	≪ A <u>u</u> dit
View 🕶	Format 🔻		Freeze	Detach	🚽 Wrap	60			
Respon	sibility			Masked					
UNDER	WRITER			Y					
PAYME	NTS SUPER	ISOR		Y					
User Ao	cess Det	ails					Save and Stay	Save and Return	Ca Return
							Bave and stay	ave and Keturn	C Vernu
						* Responsibility PAYMENTS SUPERVISOR	-		
						* Masked			

2. In the User Access Details section, perform any of the Basic Operations mentioned in Navigation chapter.

A brief description of the fields are given below:

Field	Do this:
Responsibility	Select the user responsibility from the drop-down list.
Masked	Check this box to enable masking for the selected user. <b>Note</b> : Defining a user and not selecting the masked check box
	will only create the record and masking rules are not applied.

3. Perform any of the Basic Actions mentioned in Navigation chapter.



## 2.18.2 Create data redaction policy

Once the data masking details are defined and stored in the database, you need to create a data redaction policy which facilitates for field level masking while displaying the details to the respective user. A data redaction policy file contains the policies on the columns enabled in the Data Masking Details screen.

#### To create data redaction policy

Click **Setup > Administration > System > Batch Jobs** and execute the following batch job (in single thread mode only):

Set Code	Description	Job Code
SET-RED	POLICY CREATION FOR PERSONAL IDENTIFIABLE INFORMATION DATA	REDPRC_BJ_100_01

This batch job can either be scheduled for regular run or executed on-demand and facilitates to generate data redaction policy picking only the enabled data masking field information from database. On every run, the batch job drops and re-creates new set of policies in the file based on the details updated in Data Masking Details screen.

The generated policy is either written into CLOB or sql file depending on the following option:

- if the value of system parameter 'CMN\_FILE\_PROCESS\_TO\_LOB' is set to 'Y', the policy file is generated in CLOB and can be accessed by navigating to DashBoard > Process Files screen. For more information on handling Incoming/Outgoing process files, refer to 'Dashboard' section in User Guides.
- If the value of system parameter 'CMN\_FILE\_PROCESS\_TO\_LOB' is 'N', the policy is generated as an sql file and stored in the repository path as defined in the system parameter CMN\_SERVER\_HOME. For example, /scratch/OFSLL/<release>/sql.

Further, the policy file needs to be manually compiled into database schema to apply the masking rules for respective fields for that particular user. Either a system administrator or any other user having administration privileges needs to compile the policies in the database.

#### Note

For every change in the data masking details such as masking additional fields or unmasking / disabling masked fields, a new policy is to be created by executing the batch job.

## 2.18.3 Masking User defined data

Apart from factory shipped seed data, additional user identified PII data can be masked by uploading an input file with field details and processing it in Data Masking screen using input file processing method.

 On identifying the fields, create an input file (in text file format) with table name, column name, and enabled indicator (Y/N) for each field level record. If enabled indicator is 'N', the record is not processed for data masking.

For example, BUSINESS\_APPL\_DETAILS, BSD\_LEGAL\_NAME, N

2. Place the input file to the path as defined in system parameter IPI\_DIRECTORY. For example, \$OFSLL\_HOME/input/ipi



3. Navigate to **Setup > Administration > System > Batch Jobs** screen and execute the following batch job:

Set Code	Description	Job Code
SET-IFP	PI INFROMATION FILE UPLOAD PROCESSING	IPIPRC_BJ_100_01

On execution, the batch job picks the file from the location, processes it and loads the seed data into Data Masking screen. By default, all the user identified PII data from input file is categorized separately in Data Masking screen by assigning the value of 'System Defined' property as 'N'.

Once the data is available in Data Masking screen, enable the required fields, assign user responsibility and run the processing batch job - redprc\_bj\_100\_01 to generate a redaction policy. For more details, refer Create data redaction policy section.

#### Note

In addition, an xml sample file with PII fields data is provided in the installation bundle (docs folder). The same is generated through Application Data Model (ADM) and can be imported to view the details of PII masked fields. However to do so, you need to have Or-acle Cloud 13c installed.

## 2.19 Webhook

Webhook in OFSLL provides a facility to integrate with third-party external applications by sending REST API based notifications of changes through system generated Webhook event actions.

In the Webhook screen, you can register third-party applications to which you can notify the changes that are done in OFSLL by triggering Webhook request as an event action.

In this type of integration, the server which is OFSLL propagates the information to the dependant third-party applications (client) when a specific type of change has happened in OFSLL. For example, when customer details are updated in OFSLL. For detailed information, refer to Appendix - Webhooks chapter.



In the Webhook screen, you can maintain Webhook definition details and associate Event Details along with Authentication Attributes.

Channel ext ppds bhook Client Secret Key ZXIGV02VPB4JgUVJFRaMDOS Client Secret Key ZXIGV02VPD4JgUVFRaMDOS * Service URL http://whf0dvia.in.oracle.com.7003/off14: Text Service URL http://whf0dvia.in.oracle.com.7003/off14: * Token URL http://whf0dvia.in.oracle.com.7003/off14:	Test Authentication Mode OAUTH2.0 ORACLE BANKING RI bication mode ORACLE BANKING RI * User Name TESTUSER1 * Password *****	Υ OUTTING HUB Save and Stay. ] Save and Return	bled
w v Format v Precese M Detach dul Wrap R Cenerate Channel Channel est bhook Channel OPDS Client Secret Key ZUKIVSVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV	Authentication Mode OAUTH2.0 ORACLE BANKING RI bication mode ORACLE BANKING * User Name TESTUSER1	ROUTING HUB V * Token Header Key Authorization Request Authorization Header Key Ever Request Authorization Header Bearer Prefix Request Authorization Header Bearer	bled
Channel opDS ** Authen Channel OPDS ** Authen Cilient Scoret Key ZVK/NG/NYQW/B4UgLV/FEaUADS ** Authen mik72/br[72/K/YV40/X01AUd5Lm ** Service UIL, http://whf0ddvia.in.orade.com/7003/ofB14;1 ** Token UIL, http://whf0ddvia.in.orade.com/7003/ofB14;1	Authentication Mode OAUTH2.0 ORACLE BANKING RI bication mode ORACLE BANKING * User Name TESTUSER1	VUTING HUB Y Save and Stay Save and Return ROUTING HUB  Token Header Key Authorization Response Token Key Loken Request Authorization Header Request Authorizatio	
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bhook Channel OPDS ** Authen Cilient Secret Key ZXKNGVYQWIPAUsLVJFRaUxDS miRR2NptT2IXKYVXXXNUdSUm VSSngVVXXXNUdSUm * Service URL, http://wH00dvia.in.orade.com?003/c6114; ** Token URL, http://wH00dvia.in.orade.com?003/c6114;	ORACLE BANKING RU bication mode ORACLE BANKING * User Name TESTUSER1	ROUTING HUB Y Save and Stay Save and Return ROUTING HUB Y * Token Header Key Authorization Response Token Key token Request Authorization Header Key Prefix Authorization Header Performer Prefix Prefix Pref	Retr
Channel OPDS *Authen MikiZahyr ZikSV40001NadosLiur * Client Secret Key ZikRekryQWPadgsUyFRabxDS * Service U.L. http://wHf0dva.in.org/cl.com/2003/68114; * Service U.L. http://wHf0dva.in.org/client/0814; * Token U.E. http://wHf0dva.in.org/client/0814; * Token U.E. http://wHf0dva.in.org/client/0814;	tication mode ORACLE BANKING * User Name TESTUSER1	Save and Stay     Save and Stay     Save and Return     Token Header Key Authorization     Response Token Key Loken     Request Authorization Header Bearer     Perc	Retr
Channel OPDS * Authen Client Secret Key J2KR/KQV/QWIPAUjpLVJFFautuDS * Authen VSSnpk/V0jp721kg/VWPJVSUMVDIVS * Service URL http://whf0dva.in.oracle.com.7003/ofil14: Text Service URL http://whf0dva.in.oracle.com.7003/ofil14: * Token URL http://whf0dva.in.oracle.com.7003/ofil14:	* User Name TESTUSER1	ROUTING HUB	C Retr
Channel OPDS * Authen Client Secret Key J2KR/KQV/QWIPAUjpLVJFFautuDS * Authen VSSnpk/V0jp721kg/VWPJVSUMVDIVS * Service URL http://whf0dva.in.oracle.com.7003/ofil14: Text Service URL http://whf0dva.in.oracle.com.7003/ofil14: * Token URL http://whf0dva.in.oracle.com.7003/ofil14:	* User Name TESTUSER1	ROUTING HUB	Retu
Client Secret Key ZJd0/60/(YQU/90Ju)/UFRAIJ05  Client Secret Key JC/2012/TXS/V0/60/MAIA/SE  V55npk/01p712/WFI/03dvalin-aracle.com/7003/ofB14: * Service URL http://whf0dva.in.oracle.com/7003/ofB14: * Token URL http://whf0dva.in.oracle.com/7003/ofB14: * Token URL http://whf0dva.in.oracle.com/7003/ofB14:	* User Name TESTUSER1	Response Token Key (token Request Authorization Header Prefix	
Client Secret key ZVKR/KG/YQ/WFBAUb05 mich ZU/ETZKSYVK/OFAUAUSLI VSSnpk/VijP ZVKVPJVSUUH0IMS * Service URL http://whf0dva.in.oracle.com/7003/of814; Text Service URL http://whf0dva.in.oracle.com/7003/of814; * Token URL http://whf0dva.in.oracle.com/7003/of814;	* User Name TESTUSER1	Response Token Key (token Request Authorization Header Prefix	
VSSnpk/00p728/xV9FVS88/H01MS * Service URL http://wH60dvia.no.rede.com/2003/of814; Text Service URL http://wH60dvia.no.rede.com/2003/of814; * Token URL http://wH60dvia.no.rede.com/2003/of814;		Request Authorization Header Bearer Prefix	
* Service URL http://whf00dva.in.oracle.com:7003/ofs114: Test Service URL http://whf00dva.in.oracle.com:7003/ofs114: * Token URL http://whf00dva.in.oracle.com:7003/ofs114:	* Password	Prefix	
Test Service URL http://whf00dva.in.oracle.com:7003/ofsl14: = Token URL http://whf00dva.in.oracle.com:7003/ofsl14:		Verified	
Token URL http://whf00dva.in.oracle.com:7003/ofsll14:			
* Enabled 🗹			
ant Details Authentication Attributes			
uthentication Attributes		🔒 Add 🖉 Edit 📄 View	Audit
View 🗸 Format 🗸 📷 Freeze 🚮 Detach 斗 Wrap 🔞			
Attribute Type		Attribute Key Attribute Value Enable	ed
REQUEST HEADER		SERVICE-CONSUMER-SERVICE fetchCreditDecisionScore Y	S. 4
REQUEST HEADER		entityId DEFAULTENTITY Y	
REQUEST HEADER		appId CMNCORE Y	
REQUEST HEADER		userId TESTUSER1 Y	
REQUEST HEADER		SERVICE-CONSUMER OBX_FOR_CDS Y appld SECSRV001 Y	
TOKEN REQUEST HEADER REQUEST HEADER		appId SECSRV001 Y branchCode 000 Y	
REQUEST READER		branchCode 000 T	

## 2.19.1 <u>Webhook Definition</u>

In a Webhook definition, you can create a Channel with specific third party authentication mode, provide test and service url and generate secret key.

#### To setup Webhook Definition

- 1. Select Setup > Administration > System > Webhook.
- 2. In the **Webhook** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields are given below:

Field	Do this:
Channel	Specify the channel name of interfaced third-party application for identification. The same will be added into weblogic Key Store.
Client Secret Key	The client secret key is auto generated by the system on clicking 'Generate' button after defining the details. If already generated, the same can be used to regenerate.
Service URL	Specify the context path of third-party application's Webhook Service URL used for communication where POST request is to be provided. You can define multiple service end-point URLs for the same channel.
Test Service URL	Specify the GET web service Webhook URL of third-party application to check service availability.
	Click 'Test' button to generate sample test call. The status, either success or error of the test call is displayed on the screen as SERVICE URL TEST SUCCESFUL/FAILED. Refer step 4 below for more information.



Field	Do this:		
Enabled	Check this box to enable the Webhook definition.		
Authentication mode	Select the authentication mode of third-party application from the drop-down list. The list is displayed based on lookup code WHK_AUTH_MODE_CD. System supports the following options:		
	BASIC - On selecting this option, you need to define User Name and Password to authenticate.		
	OAUTH2.0 - On selecting this option, you need to define additional enabled fields such as Grant Type, Client Id, Client Secret, Identity Domain, Token and Header Key.		
	ORACLE BANKING ROUTING HUB - On selecting this option, you need to define User Name, Password, Token Header Key, Response Token Key, and Request Authorization Header Prefix to authenticate.		
	<b>Note</b> : Based on the above selection, additional Webhook definition fields are enabled and need to be populated accordingly.		
The following additiona	al fields are available for BASIC type of Authentication mode:		
User Name	Specify the Basic Authentication User Name.		
Password	Specify the Basic Authentication User Password.		
The following additiona	The following additional fields are enabled for OAUTH2.0 type of Authentication mode:		
Token URL	Specify the third-party OAUTH 2.0 token generation URL.		
Grant Type	Select the OAUTH 2.0 grant type from the drop-down list. The list is populated based on lookup code WHK_GRANT_TYPE_CD.		
Client Id	Specify the identification name of third-party OAUTH 2.0 client.		
Client Secret	Specify the secret code of third-party OAUTH 2.0 client.		
Identity Domain	Specify the domain name of the third-party OAUTH 2.0 client.		
Token Header Key	Specify the token header key of third-party OAUTH 2.0 client.		
Response Token Key	Specify the Response Token Key of third-party OAUTH 2.0 client which is the key name of Authentication Response Header. The same is used to identify token value used as input for subsequent calls.		
	Note: If value is not provided, system defaults to access_token.		
Request Authorization Header Prefix	Specify the Request Authorization Header Prefix of third-party OAUTH 2.0 client This is the prefix used to Request Authorization Header based on token generation mechanism like Basic, Bearer, JWT and so on.		
	<b>Note</b> : If value is not provided, system defaults to Bearer.		



Field	Do this:
User Name	If Authentication mode is selected as OAUTH2.0 and Grant Type as 'Resource Owner Password', specify the third-party OAUTH 2.0 Resource Owner User Name.
Password	If Authentication mode is selected as OAUTH2.0 and Grant Type as 'Resource Owner Password', specify the third-party OAUTH 2.0 Resource Owner User Password.
The following additiona (OBRH) type of Auther	al fields are enabled for ORACLE BANKING ROUTING HUB ntication mode:
User Name	Specify the third-party OBRH Resource Owner User Name.
Password	Specify the third-party OBRH Resource Owner Password.
Token Header Key	Specify the token header key of third-party OBRH client.
Response Token Key	Specify the Response Token Key of third-party OBRH client which is the key name of Authentication Response Header. The same is used to identify token value used as input for subsequent calls.
	<b>Note</b> : If value is not provided, system defaults to access_token. An example is indicated below where token element is the key name:
	Token Request         # # maxe       Token Request       # maxe         # # maxe       # maxe       # maxe       # maxe         # # # # # # # # # # # # # # # # # # #
Request Authorization Header Prefix	Specify the Request Authorization Header Prefix of third-party OBRH client This is the prefix used to Request Authorization Header based on token generation mechanism like Basic, Bearer, JWT and so on.
	<b>Note</b> : If value is not provided, system defaults to Bearer. An example is indicated below:
	<pre>POST http:// // // // // // // // // // // // //</pre>



Field	Do this:
Bureau	Select the Credit Bureau from the drop-down list. This is required if the Credit Bureau report format is to be processed externally as defined in Setup > Administration > User > Credit Bureau screen.
	The list is populated with credit bureau details maintained in CRB_SOURCE_CD lookup. This field is enabled only during ADD process and is Read-Only during EDIT.
	Ensure that the selected Bureau is not already selected for the enabled record. Else, system displays an error indicating 'Record already exist with same bureau' and need to disable the existing record and enable the new record with the new Bureau.
	<b>Note</b> : The 'Event Details' section is not displayed if the Credit Bureau report format is to be processed externally.
Verified	This check box is auto selected on verifying the channel data by clicking 'TEST' button and if the test server connection is successful.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

- 4. Click 'Test' button to verify the configuration details of third-party application.
  - Th external system generates base 64 X-Hmac header using HMAC SHA 256 and propagate this as part of response header to OFSLL.
  - Channel name is used in HMAC digest as given below. This will be passed to the external interface using HTTP Header Key 'ChannelName'. This value will be in base 64 encoded format.
  - System will validate this response and update the Verified indicator. Only HTTP status code 200 is considered as success.

Format: "OFSLL": Base64 Encoded [HMAC SHA 256 of ["Http Method Types":"Base64 Encoded Channel Name": "Service URL"] with Client Secret Key]

For example:

**Client Secret Key** 

ZXIKMGVYQWIPaUpLVjFRaUxDSmhiR2NpT2IKSVV6VXhNaUo5LmV5SnpkV0lp T2IKWFJVSkIUMDIMSWI3aVEwaEJUazVGVENJNkIrVIIWRVZTVGtGTVNVNVVS VkpHUVVORkxVOUJWVIJJTWpBaUxDSnBjM01pT2IKUFJsTk1URjIYUIVKSVQw OUxJaXdpWIhod0lqb3hOVFUxTmpnMU1qSXpMQ0pwWVhRaU9qRTFOVFUyT0 RRNU1qTjkuemxMb0lzdWduek1FRnhyblcxYXJIeXNMSFIiSmVQd0R5SUxvdDdU aXZDMEFVUktEbm5WcDJpWmRiT1pJald5aHNfSWxNaG1IV1dWZUF0YmZRUnI 1X2c=

Cipher Text for HMAC SHA 256

GET:RVhURVJOQUxJTIRFUkZBQ0UtT0FVVEgyMA==:application/json:https:// Hostname:Port/webhook\_oauthqa/service/api/resources/webhook/test

Generated Sample 'X-Hmac' header

OFSLL:F/jj07qhgM3g5z91EHU/rdxYbaJ266SRnXsBRoUxgUc=

#### Note

Configuration details for OBRH application cannot be verified using Test option since OBRH currently does not support return of customizing HTTP header [X-Hmac].



 Clicking 'Generate' button OFSLL generates Client Secret Key. This key is used in generation of X-HMAC header that is sent to the third-party channel to validate origination of the request.

System generated 'X-HMAC' header uses base 64 encoded HMAC SHA 256 algorithm. This algorithm uses below logic:

Format: "OFSLL": Base64 Encoded [HMAC SHA 256 of ["Http Method Types":"Base64 Encoded Payload":" Http Content Types": "Service URL"] with Client Secret Key]

For example.

Client Secret Key

T0ZTTExfQjJCX1RFU1RfQ0xJRU5UOndlbGNvbWUx

Cipher Text for HMAC SHA 256

POST:ewogICAgIIJIcXVIc3RUeXBIIjogIk9VVEJPVU5EIgp9:application/json:http:// Hostname:Port/webhook/service/api/resources/webhook/basic

Generated Sample 'X-Hmac' header

OFSLL:q6xCpZrnudfB8owvYEi2+Aac4clM3b/XFVTVrChdQKA=

### 2.19.2 Event Details

The Event Details section acts as a single point of entry to define and update required Webhook Events in the system. In Event Details, you can define service end points of thirdparty application which accepts the communicated changes. Multiple end points can be defined to a single channel for each Event Criteria. These details are displayed as Webhook Event Action in Setup > Administration > System > Events screen.

#### To define Event Details

- 1. Select Setup > Administration > System > Webhook.
- 2. Select the required definition in **Webhook** section.
- 3. In the Event Details section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields are given below:

Field	Do this:
Event	Select the event code from the drop-down list. The list is populated based on the enabled event codes maintained in Events setup screen.
Event Criteria	Select the event criteria from the drop-down list. The list is populated based on the enabled event criteria maintained for the selected event in Events setup screen.
Service End Point	Specify the third-party application end point URL which is propagated to Event Definition as an Event Action Parameter.
Event Message	Specify the event message which is propagated to Event Definition as an Event Action Parameter.
Enabled	Select this check box to enable the event details in the system.

4. Click with the event details to the list.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



## 2.19.3 Authentication Attributes

For connecting to some of the third-party applications, addition Authentication attributes and Request Header is required to be sent from OFSLL. In the Authentication Attributes, you can define those specific attributes required for authentication. Multiple authentication attributes can be defined to a Webhook definition.

#### To define Authentication Attributes

- 1. Select Setup > Administration > System > Webhook.
- 2. Select the required definition in **Webhook** section and click Authentication Attributes sub tab.
- 3. Perform any of the **Basic Operations** mentioned in Navigation chapter.

Field	Do this:
Attribute Type	Select the required Attribute Type which is used to record HTTP header type from the drop-down list:
	- TOKEN REQUEST HEADER: This is used to add Authentication request header details.
	- REQUEST HEADER: This is used to add Request header details.
Attribute Key	Specify the HTTP header key.
Attribute Value	Specify the HTTP header value.
Enabled	Select this check box to enable the Authentication Attributes details in the system.

A brief description of the fields are given below:

4. Perform any of the **Basic Actions** mentioned in Navigation chapter.

## 2.19.4 Monitoring Webhook Events

You can verify the status of all Webhook Event Actions on the JMS Queues screen of the System Monitor screen.

#### To monitor Webhook events

 On the Oracle Financial Services Lending and Leasing home screen, click Dashboard > Dashboard > System Monitor > JMS Queues.

The Messages tab displays the 'Status' for all outbound Webhook events processed to third-party applications and their request in 'Response Message Details' section.

For more details, refer to Dashboard > System Monitor section in any of the User Guides.



# 3. Administration User

In the **Administration > User**, you can record setup data that define your organization structure and its users. Information in this link is more "data" related, whereas the information stored on the System drop-down link functions more like switches that control system behavior.

#### Navigating to Administration User

1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup > Administration > User**.

The User drop-down link records the following data:

- Organization
- Companies
- Access
- Users
- Credit Bureau
- Correspondence
- Queues
- Printers
- Intelligent Segmentation
- Bank Details
- Check Details
- Standard Payees
- Currencies
- ZipCodes
- Payment Hierarchy

## 3.1 Organization

The Organization screen records the operational hierarchy of your business in terms of people. It groups the human resources of your business in three categories: organization, division, and department. The system uses this data to control access of users to applications (The Companies screen allows you to setup the location of these applications.)

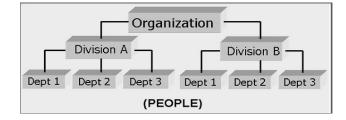
#### Note

You can have only one active organization, so use the Organization field to define your organization at its highest level.

Divisions are groups within your organization that will have access to the same applications. Larger organizations often define their divisions by region. Smaller organizations may define division as branch offices or even departments, and might only have one division defined.



Departments are smaller units within a division. They expand on who is in the corresponding Division field. The system uses this sub screen, for example, when setting up the Services screen on the Utility form. At least one department must be defined for each division.



As an example of an organization setup, Oracle Corp. might be defined as:

Organization: O-0001Oracle Corp.ORA

Division: OD-001Central RegionC01

Department: ODD-01OriginationORG

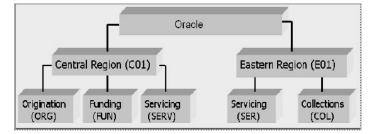
Department: ODD-02FundingFUN

Department: ODD-03ServicingSER

Division: OD-002Eastern RegionE01

Department: ODD-11ServicingSER

Department: ODD-12CollectionCOL



### Note

The Short Name field on the Organization screen allows you to create the ID that Oracle Financial Services Lending and Leasing will use when referring to the organization, division, and department throughout the system.

## To setup the Organization screen

1. Click Setup > Setup > Administration > User > Organization.



2. In the **Organization Definition** section, there can be only one active entry, so use this screen to define your organization at its highest level. Perform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

DashBoard	Organization ×									
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Field:	Do this:
Organization	Specify the organization ID (the ID is the unique identifier used internally by Oracle Financial Services Lending and Leasing to represent your organization).
	<b>Note</b> : Do not edit this field.
Organization Name	Specify the organization name.
Short Name	Specify the short name for the organization.
	<b>Note</b> : This ID represents this organization throughout the system.
Enabled	Check this box to enable the organization.
	<b>Note</b> : Only one enabled organization is currently allowed by Oracle Financial Services Lending and Leasing.
Country	Select the country where the organization is located from the drop-down list.
City	Specify the city where the organization is located.
State	Select the state where the organization is located from the drop-down list.
Address Line 1	Specify the address line 1 for the organization.
Address Line 2	Specify the address line 2 for the organization.



Field:	Do this:
Zip	Select the zip code of the location where the organization is located from the drop-down list.
Extn	Specify the extension of the selected zip code.
Phone 1	Specify the primary phone number for the organization.
Extn 1	Specify the phone extension for the primary phone number.
Phone 2	Specify the alternate phone number for the organization .
Extn 2	Specify the phone extension for the alternate phone number, if specified.
Fax 1	Specify the primary fax number for the organization.
Fax 2	Specify the alternate fax number for the organization.

4. In the **Division Definition** section, you can setup the information for the groups within your organization that will have access to the same applicationsPerform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Division	Specify the division ID. The ID is the unique identifier used inter- nally by the system to represent the division within the organiza- tion.
	Note: Once specified, do not edit this field.
Division Name	Specify the division name.
Short Name	Specify the short name for the division.
	<b>Note</b> : This ID represents this division throughout the system (required).
Enabled	Check this box to enable the division.
Country	Select the country where the division is located from the drop- down list.
City	Specify the city where the division is located.
State	Select the state where the division is located from the drop-down list.
Address Line 1	Specify the address line 1 for the division.
Address Line 2 (unlabeled)	Specify the address line 2 for the division.
Zip	Select the zip code of the location where the division is located from the drop-down list.



Field:	Do this:
Extn	Specify the extension of the selected zip code.
Phone 1	Specify the primary phone number for the division.
Extn 1	Specify the extension for the primary phone number.
Phone 2	Specify the alternate phone number for the division.
Extn 2	Specify the extension for the alternate phone number .
Fax 1	Specify the primary fax number for the division.
Fax 2	Specify the alternate fax number for the division.

- 6. Click Setup > Setup > Administration > User > Organization > Department Definition.
- 7. On the **Department Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Department	Specify the department ID.
	<b>Note</b> : The ID is the unique identifier used internally by the system to represent the department within the division.
Department Name	Specify the department name.
Short Name	Specify the short name for the department.
	<b>Note</b> : This is the ID that appears throughout the system to represent this department.
Enabled	Check this box to enable the department.
Country	Select the country where the department is located from the drop-down list.
City	Specify the city where the department is located.
State	Select the state where the department is located from the drop- down list.
Address Line 1	Specify the address line 1 for the department.
Address Line 2	Specify the address line 2 for the department.
Zip	Select the zip code where the department is located from the drop-down list.
Extn	Specify the zip extension where the department is located.
Phone 1	Specify the primary phone number for the department.
Extn 1	Specify the phone extension for the primary phone number.



Field:	Do this:
Phone 2	Specify the alternate phone number for the department.
Extn 2	Specify the phone extension for the alternate phone number.
Fax 1	Specify the primary fax number for the department.
Fax 2	Specify the alternate fax number for the department.

- 9. Click Setup > Setup > Administration > User > Organization > Display Format.
- 10. On the **Display Format** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Format Type	Select the type of format from the drop-down list.
Format Sub Type	Select the sub type of the format from the drop-down list. The format sub type will be displayed based on the format type selected.
Format	Specify or select the format based on the format type and format sub type selected. For Date and Time Zone format, select the required option from the drop-down list.
Format Mask	Specify the format mask.
Format Filler	Specify the format filler.
Special Data	Specify the special data, if any.
Enabled	Check this box to enable the display format.

11. Perform any of the Basic Actions mentioned in Navigation chapter.

# 3.2 <u>Companies</u>

The Companies screen records the hierarchical structure of your portfolio companies and their branches. Just as Oracle Financial Services Lending and Leasing uses the Organization screen to determine the location of people, it uses the information on the Companies screen to determine the location of applications. In completing the Companies screen, there can be more than one company, and each company can have more than one branch.

Accounting is performed at the company level. Applications can be sorted down to the branch level. For this reason, branches are set up to reflect different business practices. You would set up different branches if, for example:

- The General Ledger (GL) differs between branches
- The branches work with different accounts
- There is a difference between branches in terms of the tasks they perform (line of credit origination, servicing, collections, and so on)

As an example of the companies setup, Oracle Corp. might have the following companies and branches defined as:



Company: C-0001TrustOne Financial CorpTOFC

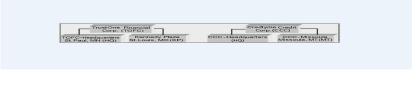
Branch: CB-01TOFC - HeadquartersHQ

Branch: CB-02Kennedy Plaza KP

Company: C-0002Credtyme Credit CorpCCC

Branch: CB-11CCC - HeadquartersHQ

Branch: CB-12CCC - MissoulaMT



### Note

- The system does not limit the number of companies or associated branches with the company you can enter.
- The Short Name field on the Companies screen allows you to create the ID that the system will use while referring to the company and branch.

KEY CONCEPT: Note the difference between the Company screen and the Organization screen:

- On the **Organization** screen, *Oracle Financial Services Lending and Leasing users* belong to an organization and division.
- On the **Companies** screen, *credit applications* belong to a company and branch.

As you can see in the following Access screen section, the information on the Organization and Companies screens define the operational hierarchy of your companies in terms of which Oracle Financial Services Lending and Leasing users will have access to which *applications* 

### To setup the Companies

1. Click Setup > Setup > Administration > User > Companies. The Companies screen defines entities within your organization that originate and/or service Line of Credit.



2. In the **Company Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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/iew 🔻 Format 👻	Freeze	Detach	🚽 Wrap 🚱								
Company	Name	Short Name	Currency	Enabled Co	untry	City	State	Company Time Zon	e Address Line 1	Address Line 2	Zip
C-0001	DEMO BANK USA	US01	US DOLLAR	Y UN	ITED STATES	MINNEAPOLIS	MINNESOTA	WET	LINE1	LINE2 NW	55344 ^
C-0002	DEMO BANK NL	NL02	NEW ZEALAND DO	. Y NE	THERLANDS	AMSTERDAM	SETME	US/CENTRAL	LINE1	LINE2	1016R
C-0003	DEMO BANK SA	SA03	RIAL OMANI	N SA	UDI ARABIA	JEDDAH	SETME	US/CENTRAL	LINE1	LINE2	2
C-0004	DEMO BANK JP	JP04	YEN	Y JA	PAN	TOKYO	SETME	ASIA/TOKYO	LINE1	LINE2	078-82
C-0005	DEMO BANK UK	UK01	POUND STERLING	Y UN	ITED KINGDOM	LONDON	TEXAS	EUROPE/LONDON	UK1	UK2	WC2N! ¥
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	* Short Name U: * Currency U * Enabled 🗸	S01 S DOLLAR NITED STATES			Country UNITED s Line 1 LINE1 s Line 2 LINE2				Extn 2 * Fax 1 (123 Fax 2	1567890	
	* Short Name U * Currency U * Enabled * Country U	S01 S DOLLAR NITED STATES NE1		Remittance Addres	Country UNITED s Line 1 LINE1		V		Extn 2 * Fax 1 (123 Fax 2 * Tax ID # 1234	1567890 1567890	
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Field:	Do this:
Company	Specify the portfolio company ID. (This ID is the unique identifier used internally by the system to represent the company).
Name	Specify the name of the portfolio company (required).
Short Name	Specify the short name for the portfolio company (ID displayed to represent the company).
Currency	Select the currency of the portfolio company from the drop-down list. The system displays the default value as 'US DOLLAR'.
Enabled	Check this box to enable the portfolio company.
Country	Select the country where the portfolio company is located from the drop-down list. The system displays the default value as 'UNITED STATES'.
Address Line 1	Specify the address line 1 for the portfolio company.
Address Line 2	Specify the address line 2 for the portfolio company.
Zip	Select the zip code of the location where the portfolio company is located from the drop-down list.
Extn	Specify the extension of the zip code where the portfolio company is located.
City	Specify the city where the portfolio company is located.
State	Select the state where the portfolio company is located from the drop-down list.



Field:	Do this:
Company Time Zone	Select the time zone in which the company operates using the drop- down list. This time zone is considered if system is setup to process GL at Company level. For more information, refer to 'Appendix - Configuration at Company Level' chapter.
Remittance Addr	ress section
Country	Select the remittance address country from the drop-down list. The system displays the default value as 'UNITED STATES'.
Remittance Address 1	Specify the remittance address line 1, if it is different from the com- pany address. This address is included as the remittance address on statements.
Remittance Address 2	Specify the remittance address line 2.
Zip	Select the zip code of the remittance address line 1 from the drop- down list.
Extn	Specify the extension of the remittance address zip code.
City	Specify the remittance address city.
State	Select the remittance address state from the drop-down list.
Phone 1	Specify the primary phone number for the portfolio company.
Extn 1	Specify the phone extension for the primary phone number.
Phone 2	Specify the alternate phone number for the portfolio company.
Extn 2	Specify the phone extension for the alternate phone number.
Fax 1	Specify the primary fax number for the portfolio company.
Fax 2	Specify the alternate fax number for the portfolio company.
Tax ID #	Specify the tax identification number for the portfolio company.
TCC	Specify the transmitter control code for the portfolio company (1098 Electronic Filing).
Contact	Specify the contact information about the portfolio company.
Coupon Order Code	If you are using coupons, Specify the coupon order code to be used by a third party printing the coupons for billing statements.
HMDA	Select the HMDA agency (Home Mortgage Disclosure Act reporting agency for the company).

4. On the **Branch Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:
Branch	Specify the portfolio branch ID. (This ID is the unique identifier used internally by the system to represent the branch within your company).
Name	Specify the name of the portfolio branch (required).
Short Name	Specify the short name for the portfolio branch (ID displayed to repre- sent the branch) (required).
Enabled	Check this box to enable the portfolio branch.
Sub Unit	Select the Sub Unit from the drop-down list.
	Sub Unit refers the entity which is the source of funds for the credit application/Account.
	System associates the selected sub unit with the particular company/ branch combination and displays by default when the same is selected during an application/Account creation.
Country	Select the country from the drop-down list. The system displays the default value as 'UNITED STATES'.
City	Specify the city where the portfolio branch is located.
State	Select the state from the drop-down list.
Address Line 1	Specify the address line 1 for the portfolio branch.
Address Line 2	Specify the address line 2 for the portfolio branch.
Zip	Select the zip code of the location where the portfolio branch is located.
Zip Extn	Specify the extension of the zip code, where the portfolio branch is located.
Phone 1	Specify the primary phone number for the portfolio branch.
Extn 1	Specify the phone extension for the primary phone number.
Phone 2	Specify the alternate phone number for the portfolio branch.
Extn 2	Specify the phone extension for the alternate phone number.
Fax 1	Specify the primary fax number for the portfolio branch.
Fax 2	Specify the alternate fax number for the portfolio branch.

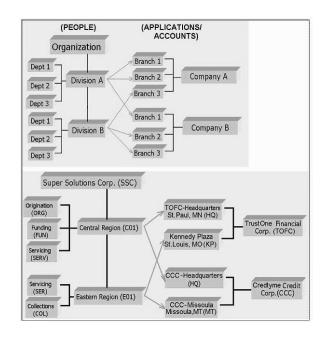
5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.3 <u>Access</u>

Using the organizations, divisions, companies, and branches created on the Organization and Companies screens, you can control the access privileges of applications. On the Access screen, you define which organization/division (users) can gain access to which company/ branch (applications and accounts) locations.



Normally, for each division within an organization, you would define a record with Company value of ALL and a Branch value of ALL, then select the Allowed box. You then define other records for the same Organization and Division for other Company and Branch combinations with the Allowed box cleared to restrict access.



# To setup the Access

- Click Setup > Setup > Administration > User > Access. The system displays the Access screen. In this screen, you can control the access privileges of the user for the following categories:
  - Data
  - Screen
  - Reports
  - Correspondence
  - Webservice

# 3.3.1 <u>Data</u>

The Data screen allows you to restrict access to different data.

To setup the Data

1. Click Setup > Setup > Administration > User > Access > Data.



2. In the **Access Grid** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Access X						
Origination	Data Screen Rep	ports Correspondence Transaction					
Servicing							
Collections	Access Grid				de Add	🖉 Edit 📃 View	Audit
WFP	View - Format -	Freeze Detach	Irap (1)				
	Organization	Division		Compan	Bra	anch Allow	ed
Tools						N	
tup	DMC	U501 NL02		ALL	AL		
Setup	DMC	SA03		ALL	AL		
4 Administration	DMC	JP04		ALL	AL		
<ul> <li>System</li> <li>System Paramete</li> </ul>							
Lookups	Access Grid						
User Defined Tab				Save and Add	ave and Stay	Save and Return	Ca Return
Audit Tables				(G		G	(
User Defined Def		* Organization	~	* Bran	ch		~
Transaction Code		* Division	~	* Allow	ad 🗆		
Data Files Dedupe							
Securitization		* Company	×				
Events							
Batch Jobs							
Producer Cycles							
Vendors							
Collection Cycles							
Reports							
Error Messages							
Translations							
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Translations I User Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details							

A brief description of the fields is given below:

Field:	Do this:
Organization	Select the organization for which you are defining access privileges from the drop-down list.
Division	Select the division within the organization for which you are defining Access privileges from the drop-down list.
Company	Select the portfolio company to which you are defining access privi- leges for the organization and division specified from the drop-down list.
Branch	Select the portfolio branch of the company to which you are defining access privileges for the organization and division specified from the drop-down list.
Allowed	Check this box to provide access to the data pertaining to the com- pany and branch, for the organization and division specified.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.3.2 <u>Screen</u>

In the screen, you can control the access to the following:

- 1. Menu Control access at the application menu level. For example, for **Setup** menu you can provide access only to an Administrator.
- 2. Screens Control access to the screens available in the application.
- 3. Buttons Control access based on the stage.



For example, Add and Edit buttons can be disabled once an application is funded. If you want to restrict updating the Applicant details, then edit button has to be disabled for the stage.

4. Fields - Control access to base and user defined fields.

The screen allows you to restrict access to different screens and fields using the following tabs:

- Security Access Definition
- Field Access Definition

# 3.3.2.1 Security Access Definition

### To set the Screen Security

- 1. Click Setup > Setup > Administration > User > Access > Screen.
- 2. In the **Security Super Group** section, you can view the details of the super group you want to work with.

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Security Access Definition	Field Access Definition						
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Access Code			Description	Туре	System Defined	Enabled	
FLL.CMN.UVN.VENDORINVOI	CEPROCEED.AUDIT.B	UTTON	ACCESS TO CMN UVN VENDOR INVOICE PROCEED AUDIT BUTTON	VENDOR	Yes No	Y	*
FLL.CMN.UVN.VENDORINVOI	CEPROCEED.REJECT.	BUTTON	ACCESS TO CMN UVN VENDOR INVOICE PROCEEDS REJECT BUTTON	VENDOR	Yes      No	Y	
FLL.CMN.UVN.VENDORINVOI	CEPROCEED.TAB		ACCESS TO CMN UVN VENDOR INVOICE PROCEEDS TAB	VENDOR	@ Yes 🔿 No	Y	
FLL.CMN.UVN.VENDORINVOI	CEPROCEED.VIEW.BU	TTON	ACCESS TO CMN UVN VENDOR INVOICE PROCEED VIEW BUTTON	VENDOR	Yes      No	Y	
FLL.CMN.UVN.VENDORINVOI	CEPROCEEDINVOICED	ETAILMAIN.TAB	ACCESS TO CMN UVN VENDOR INVOICE PROCEED INVOICE DETAILS TAB	VENDOR	Yes No	Y	+
	C 11				🗳 Add 🛛 🥒 Edit	View	🖋 Audit
Security User Access De	finition Details	ch Al Wrap	6				
						System	Defined
Security User Access De		Allowed					
Security User Access De View • Format •	🗌 Freeze 🛛 🛃 Deta					() Yes	No No

3. In the **Security Access Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

### Note

You can not add a new record

Field:	Do this:
Access Code	The system displays the selected access code.
Description	Modify the description of the access code.
Туре	The system displays the type of security access definition.
System Defined	If 'Yes' is selected, the security access definition entry is system defined.
	If 'No' is selected, the security access definition entry is manually defined.



Field:	Do this:
Enabled	Check this box to enable the security access definition entry is enabled.

- 4. Perform any of the Basic Actions mentioned in Navigation chapter.
- 5. In the **Security User Access Details** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Access Type	Select the access type of the user who will have access to this screen from the drop-down list.
Active Value	Select the active value of the user who will have access to this screen from the drop-down list.
Allowed	Select 'Yes' to allow access to this screen or 'No' to deny access to this screen.
System Defined	Select 'Yes', if the screen user access definition entry is system defined.
	Select 'No', if the screen user access definition entry is manually defined.

6. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.3.2.2 Field Access Definition

The Field Access Definition tab facilitates for field customization in the User Interface (UI) screen. In this tab, you can do the following:

- Enable User Defined Fields (UDFs) to be displayed in respective UI which are provided as part of product installation/upgrade
- Allow or restrict user access to base non-mandatory fields and UDFs maintained in the system



### • Regroup base fields to another section in UI

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View 🔻 Format 👻 🔛 Freeze 🚮 Detach 斗 Wrap	62				
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View   View   Format   Freeze   Freeze   Detach   Wrap  Access Code  ENG.0D008.UcsAcrLoanCeVO.AccUdf1Num.VIEW.FIELD	Description SER // UCS // ACCOUNTS LOAN VIEW OBJECT // Additional Place Holder Number 1 // VIEW	Type CUSTOMER SERVI	System Defined Yes • No	Enabled Y	Audit
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Access Code ENG.0D008.UcsAcfLoanCeVO.AccUdf1Num.VIEW.FIELD ENG.0D008.UcsAcfLoanCeVO.AccUdf7Num.VIEW.FIELD ENG.0D008.UcsAcfLoanCeVO.AccUdf9Num.VIEW.FIELD	Description SER/ // U.S. // ACCOUNTS LOAN VIEW OBJECT // Additional Place Holder Number 1 // VIEW SER // U.S. // ACCOUNTS LOAN VIEW OBJECT // Additional Place Holder Number 7 // VIEW SER // U.S. // ACCOUNTS LOAN VIEW OBJECT // Additional Place Holder Number 9 // VIEW	Type CUSTOMER SERVI CUSTOMER SERVI CUSTOMER SERVI	System Defined Yes No Yes No Yes No Yes No Yes No	Enabled Y Y Y Y	Audit
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Note the following:

- The Field Access Definition tab displays User defined Fields maintained in the system for which you can specifically define access permissions based on user responsibility.
- The base mandatory fields are loaded automatically and Access Responsibility is set to ALL by default during product installation/upgrade. The same cannot be modified and hence are not displayed in this tab.
- Field access and customizations are to be performed at your sole discretion and OFSLL is not responsible for any impact/damage/mismatch in the data being represented or resulting out of this change.
- Field labels can further be customized in Administration > System > Label Configuration screen.

Before defining field access, refer to the table below which indicates the possible combinations of a particular field being displayed and allowed to edit in UI.

View Type	Access	Result
VIEW	NO	NON VIEWABLE
VIEW	YES	VIEWABLE AND EDITABLE
LOCK	NO	READONLY
LOCK	YES	VIEWABLE AND EDITABLE

## To add/enable new User Defined Fields

1. In the 'Field Access Definition' section, click 'Add' and populate the following details:

Field:	Do this:
Language	Select the language of the user(s) who will have access to this field from the drop-down list.
Division	Select the division or group within the organization to which the user belongs from the drop-down list.



Field:	Do this:
Object Name	Select the Object Name from the drop-down list. You can use the search option to query based on specific name. The list is populated based on the combination of Language and Division selected above.
Field Name	Select the field to be updated from the drop-down list. The list is dis- played based on the object selected.
Access Type	Select the access type as one of the following from the drop-down list.
	View - to display and make the field editable.
	Lock - to only display the field.
	<b>Note</b> : Option defined here takes precedence with the display (Y/N) option selected in Setup > Administration > System > Label Configuration tab.
System Defined	Select 'Yes', if the field access definition is system defined.
	Select 'No', if the field access definition is manually defined.
Enabled	Check this box to enable the field access definition.

3. Click 'Update'. System refreshes the cache and automatically updates the Field Access Details from database to display in header section.

After updating the required changes in screen, you need to logout and re-login for changes to be effective. This is basically to refresh session cache and update Field Access information from database server. Though, there is 'Update' option, clicking on the same only refreshes the cache and reloads the record.

## To enable/disable Base fields

1. In the 'Field Access Definition' section, click 'Edit' and populate the following details::

Field:	Do this:
Access Code	View the access code defined for the field.
Description	View the access code description. You can modify the details if required.
Туре	By default, system displays the name of the group inside which the field is displayed in UI. To move the field to a different group, select the required type from the drop-down list.
System Defined	Select 'Yes', if the screen field access definition is system defined.
	Select 'No', if the screen field access definition is manually defined.
Enabled	Check this box to enable the field access definition.

# 3.3.2.3 Security User Access Definition Details

The 'Security User Access Definition Details' sub tab is available only for base - non mandatory fields and user defined fields. In the 'Security User Access Definition Details' sub tab you can defined field access and set restrictions to specific user responsibility.



1. In the 'Security User Access Definition Details' section, perform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Access Type	Select RESPONSIBILTY as the access type from the drop-down list since access to field is based on responsibility by default. This field is disabled during edit.
Active Value	Select the user role who needs to have access to this field from the drop-down list.
Allowed	Select 'Yes' to allow access to this field or 'No' to deny access to this field.
System Defined	Select 'Yes', if the field user access definition is system defined. Select 'No', if the field user access definition is manually defined.

A brief description of the fields is given below:

2. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.3.3 Reports

In the Reports screen you can control access to generate certain reports.

### To set up Reports

- 1. Click Setup > Setup > Administration > User > Access > Reports.
- 2. In the **Reports** section, you can view the following information:

ashBoard	Access ×		X		
rigination	Data Screen Reports Correspondence Transaction				
ervicing					
ollections	Reports				
	View - Format - 🔛 🔲 Freeze	Detach 🔄 Wrap	ଖ୍ୟ		
VFP	Code	Module	Description		Enabled
ools	LOAN_BOARDING_RPT	SERVICING	LOAN BOARDING REPORT		Y
ıp	NEW_LN_UPLD_EDTS	SERVICING	NEW LOAN UPLOAD - EDITS		Y
tup	ACCOUNT_WISE_PDC	SERVICING	ACCOUNT WISE PDC LIST		Y
Administration	ACC_LIST_LEASE	COLLECTIONS	ACCOUNTS AND LISTING - LEASE		Y
✓ System	ACC_LIST_LINE	COLLECTIONS	ACCOUNTS AND LISTING - LINE		Y
System Paramete	ACC_LIST_LOAN	COLLECTIONS	ACCOUNTS AND LISTING - LOAN		Y
Lookups	ACC_PAYABLE_ORIGINATION	ORIGINATION	ACCOUNT PAYABLE(ORIGINATION)		Y
User Defined Tat	ACC_PAYABLE_SERVICING	SERVICING	ACCOUNT PAYABLE(SERVICING)		Y
Audit Tables	ACC_PAY_LOG_CUSTOMER	SERVICING	ACCOUNTS PAYABLE LOG BY CUSTOMER		Y
User Defined Def	ACC PAY LOG PRODUCER	SERVICING	ACCOUNTS PAYABLE LOG BY PRODUCER		Y
Transaction Code					
Data Files					
Dedupe	Reports User Access Definition			🔒 Add 🥒 Edit	📃 View 🔗 Audit
Securitization	View - Format - 🔛 🔲 Freeze	Detach 🚽 Wrap	62		
Events	Access Type Access Value			Allowed	System Defined
Batch Jobs				Ves • No	Yes No
Producer Cycles					
Vendors					
Collection Cycles	Reports User Access Definition				
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Error Messages					
Translations	* Acces	s Type	~	* System Defined () Yes () No	
4 User	* Access	And in	V		
Organization			•		
Companies	*;	llowed () Yes () No			
Access					
Users					
Credit Bureau					
Correspondence					
General Ledger					
Queues					
Printers					
Bank Details					
Check Details					
Standard Payees					
Currencies					
Zip Codes					



A brief description of the fields is given below:

Field	View this:
Code	Displays the code of the report.
Module	Displays the code of the report from the drop-down list.
Description	Displays the description of the report.
Enabled	Displays whether the report definition is enabled or not.

3. In the **Reports User Access Definition** section, you can set the access rights for the report selected in the Reports section. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Access Type	Select the access grid function type from the drop-down list.
Access Value	Select the access function grid value from the drop-down list.
Allowed	Select 'Yes' to allow access or 'No' to restrict access to the entry based on the access type and value.
System Defined Yes/No	Select 'Yes', if the report user access definition entry is system defined.
	Select 'No', If the report user access definition entry is manually defined.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.3.4 <u>Correspondence</u>

The Correspondence screen allows you to restrict access to different correspondence commands on the Letters menu, thus restricting your ability to generate certain correspondence.

If you do not have the responsibility to create a type of correspondence, the corresponding command on the Letters menu is unavailable (dimmed).

## To setup the Correspondence

1. Click Setup > Setup > Administration > User > Access > Correspondence.



2. In the **Correspondence Codes** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Access ×	Access x			20
Origination	Data Screen Repo	Data Screen Reports Correspondence Transaction			
Servicing					
Collections	Correspondence	e Codes		🖉 Edit	View Vaudit
	View + Format +		612		Carlo Carlo
WFP	Code	Description	Nu		Enabled
Tools	CBK_01	01 BANKRUPTCY SET			Y
tup	CCO_01	01 COLLECTION SET			Y
etup	CCS_01	01 CUSTOMER SERVICE SET			Y
4 Administration	CDF_01	01 DEFICIENCY SET			Y
✓ Auministration	CFN_01	01 FUNDING SET			Y
System Paramete	CRF_01	01 REPO/FORECLOSURE SET			Y
Lookups	CUN_01	01 UNDERWRITING SET			Y
Transaction Code Data Files Dedupe Securitization Events Batch Jobs	1. Commentation	e User Access Definition	Code CBK_01 Description 01 BANKRUPTCY SET Enabled ✓	🛖 Add 🥒 Edit	Can Beturn
Producer Cycles	View + Format +	Freeze Detach & Wrap	612	A 900 N Cont	🔄 yiew 🛛 🗣 Agait
Vendors Collection Cycles	Access Type	Access Value		Allowed	System Defined
Reports	RESPONSIBILITY	ALL		• Yes No	🔘 Yes 🔍 No
Error Messages					
Translations					
⊿ User					
Organization Companies Access Users Corelit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details Standard Payees Currencies Zip Codes					

A brief description of the fields is given below:

Field:	Do this:
Code	The system displays the correspondence code name you want to work with.
Description	The system displays the description for the correspondence code (display only).
Enabled	Check this box to enable the selected correspondence code entry.

3. In the **Correspondence User Access Definition** section, perform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Access Type	Select the access grid function type from the drop-down list.
Access Value	Select the access function grid value from the drop-down list.
Allowed	Select 'Yes' to allow access or 'No' to restrict access to the entry based on the access type and value.
System Defined Yes/No	Select 'Yes', if the correspondence user access definition entry is system defined.
	Select 'No', If the correspondence user access definition entry is manually defined.



# 3.3.5 <u>Webservice</u>

The Webservice screen in Access setup allows you to configure access to the available RESTful webservices in the system. The associated seed data for all the RESTful webservices are loaded during product installation and process of installing the same is detailed in the Installation guide.

As an administrator/superuser, you can Enable/Disable Web Service access to users based on their responsibility and ensure that only authorized user have access to specific type of data in the system. Following list indicates some of the available RESTful webservices in the system and the complete list is made available in swagger JSON file shared in OTN library.

- Generic Post Transaction Service
- Call Activity Service
- Scheduler Service
- Account Search Service
- Account Boarding Service
- Payment Posting Service
- Account Detail Service
- Calculator Service
- Application Search Service
- Get Scenario Analysis Service
- Post Scenario Analysis Service
- Lookup Service
- Dialer Integration Service
- Application GET Service
- Application Entry service
- Application Update Service
- Application Status Change
- Application Checklist
- Application ACH GET Service
- Application ACH POST Service
- Application Comment GET Service
- Application Comment POST Service
- Application Document GET Service
- Application Document POST Service
- Account Comment GET Service
- Account Comment POST Service
- Account Document GET Service
- Account Document POST Service
- Process File Upload Service
- Process File Download Service
- Process File List Service
- Product Service
- Asset Service



- Asset Sub-Type Service
- Scheduler Force ReSubmit
- Remarketing GET Service
- Remarketing POST Service
- Invoice GET Service
- Invoice POST Service

### To setup the Webservice access

- 1. Click Setup > Setup > Administration > User > Access > Webservice. The screen consists of the following tabs:
  - Security Super Group
  - Security Access Definition
  - Security User Access Definition Details
  - Security Access Definition Details (This sub tab is available only for 'SERVICING AND COLLECTION' Super Group.

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ta Screen Reports Correspondence Tra	nsaction Webservi	ce					
ecurity Super Group		B29				📃 Vjew	🛷 Audit
New 🔻 Format 👻 🔛 🔛 Freeze 🔛 De	tach 🚽 Wrap	62					
Super Group							
SERVICING AND COLLECTION							
SETUP WHOLESALE FLOOR PLANNING							
THIOLEGICE I LOOK PERMITTO							
ecurity Access Definition					🖉 <u>E</u> dit	View	🖋 Audit
/iew 🔻 Format 👻 🔛 Freeze 🔛 De	tach 🚽 Wrap	62					
Access Code		Description		Туре	System Defined	Enabled	
FLL.CUSTOMERPREFERENCERESOURCE.GET.FE	CHPREFERENCE	ACCESS TO GET CUSTOMER PREFERENCE SERVICE		WEB SERVICES	Yes No	Y	
FLL.CUSTOMERPREFERENCERESOURCE.POST.P	DSTPREFERENCE	ACCESS TO POST CUSTOMER PREFERENCE SERVICE		WEB SERVICES	Yes No	Y	
FLL.DIALERINTEGRATIONRESOURCE.POST.PUSH	CUSTOMERACCOUNT	ACCESS TO DIALER INTEGRATION SERVICE		WEB SERVICES	Yes No	Y	
FLL.GENERICPOSTTRANSACTIONRESOURCE.PO	ST.GENERICPOSTTXN	ACCESS TO GENERIC POST TXN SERVICE		WEB SERVICES	Yes No	Y	
FLL.ACCOUNTCOMMENTRESOURCE.GET.GETCO	MMENTS	ACCESS TO GET ACCOUNT COMMENTS SERVICE		WEB SERVICES	@ Yes 🔿 No	Y	
curity User Access Definition Detail					📲 Add 🥒 Edit	📃 Vjew	🛷 Aydit
liew 🔻 Format 👻 🔛 Freeze 🛃 De		612					
Access Type Access Value	Allowed						Defined
RESPONSIBILITY ALL	Yes O No					(@) Yes	
RESPONSIBILITY COLLECTOR	Yes No					O Yes	
RESPONSIBILITY SUPERUSER	Yes No					Yes	(U) NO
ecurity Access Definition Details					👍 Add 🛛 🥖 Edit	View	🛷 Audit
liew 🔻 Format 👻 🔛 Freeze 🚮 De	tach All Wran	Ra I					
Access Type		****	Access Value		Allowed? Yes/No	Custom Def	ined Yes/No

- 2. The 'Security Super Group' section, contains the following super group categories for selection:
  - COMMOM
  - INTERFACES
  - ORIGINATION
  - SERVICING and COLLECTIONS
  - SETUP
  - WHOLESALE FLOOR PLANNING
- 3. Select the required Super Group and the associated data in sub tabs are categorized accordingly.
- 4. In the 'Security Access Definition' section, you can view the following field details and edit only the 'Description' and 'Enabled' status of selected Security Access Definition.

Field:	Do this:
Access Code	The system displays the webservice access code.



Field:	Do this:
Description	The system displays the description of the associated webser- vice access code and can be edited for required changes.
Туре	The system displays the type of security access definition.
System Defined	If selected as 'Yes', the security access definition entry is system defined. If selected as 'No', the security access definition entry is manually defined.
Enabled	Check this box to enable the selected webservice access code.

- 5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 6. In the **Security User Access Details** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields are given below:

Field:	Do this:
Access Type	Select 'Responsibility' (default) as the access type from the drop- down list. For this access type to be available in the drop-down list, ensure that the Lookup Type 'ACCESS_GRID_TYPE_CD' is main- tained in the system.
Access Value	This field is 'Read-only' for 'System Defined' Security Access Defini- tions which are loaded as part of seed data during installation.
	For non-system defined Security Access Definitions, select the access value which is the user responsibility who needs to have access to this webservice from the drop-down list.
	For user responsibilities to be populated in the drop-down list, ensure that the Lookup Type 'RESPONSIBILITY_CD' is maintained in the system.
Allowed	Select 'Yes' to allow user access to this webservice or 'No' to deny access. By default, No' is selected.
System Defined	Select 'Yes', if the webservice user access definition entry is system defined.
	Select 'No', if the webservice user access definition entry is manually defined.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# Security Access Definition Details

If you have selected the Security Super Group as 'SERVICING and COLLECTIONS', there is an additional sub section 'Security Access Definition Details' enabled. This sub tab facilitates you to further restrict and control access to specific type of data within the accessible RESTful web services. The restriction can be defined based on specific 'Account Condition' or 'Account Status'.

For example, out of all the account types maintained in the system you can restrict data access to only delinquent account(s) to a particular user responsibility by selecting Access Type as 'Account Condition' and Access Value as 'Delinquent',



# Controlling web service data access to permitted user(s)

For any user to access web service data, you need to define atleast one positive (allowed) definition defined in 'Security Access Definition Details' section. Else, webserivce data is not displayed for that particular user even if that user responsibility has permissions to access web service.

OFSLL supports multiple user conditions on an Account and system requires to have atleast one account condition defined as 'Allowed' in setup to display the data. In case, even if any one of the account condition is defined as 'Not Allowed' in setup, then system does not allow to access the data.

During the following scenarios, data is either displayed/not displayed in Webservice screen:

Scenario	Data displayed
No condition is available on the account and also no condition defined in setup	Data is displayed since there is no restriction.
Condition is available on the account but not defined in setup	Data is not displayed since restriction is applied
Multiple conditions are available on the account and one condition is defined in setup as 'Allowed'	Data is displayed
Multiple conditions are available on the account and one condition is defined in setup as 'Not Allowed'	Data is not displayed

Whenever user with specific responsibility tries to access the restricted data, following type of error messages are displayed:

- For POST/PUT service, system displays error as 'Access denied' with HTTP Error Code 401.
- For GET service with single account record, system displays error message as 'No data found' with http error code 400.
- For GET service with multiple account records, of which some have access restriction and other don't, then system displays only the unrestricted records and does not display the restricted records. In such a case, error message is not displayed.

### Note

When multiple user access definitions are defined in the system, while processing the data access request to a web service OFSLL first validates for any access restrictions on the user responsibility. If not, then validates the same against 'ALL' responsibility before displaying the data in Webservice screen.

For example, if data access restriction is defined for ALL and SUPERUSER responsibilities. when logged in with SUPERUSER responsibility, the data restriction of SUPERUSER is applied. In case, if the user logs in with any other responsibility other than SUPERUSER, then restriction defined for 'ALL' is applied.

### To define Security Access Definition Details

- 1. Click Setup > Setup > Administration > User > Access > Webservice tab.
- 2. Select the module in Security Super section as 'SERVICING and COLLECTIONS'.
- 3. Select the user responsibility in 'Security User Access Definition Details' section.



4. In the **Security Access Definition Details** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Access Type	Select the access function type (as either ACCOUNT CONDITION OR ACCOUNT STATUS) that is being used to control the user access from the drop-down list.
Access Value	Select the access value from the drop-down list. The list is sorted based on the Access Type selected. Also, based on a lookup associated with the Access Type multiple entries for each access type can be created as long as each has a different access value.
Allowed? Yes/No	Select 'Yes' if the access is allowed and 'No' if the access is not allowed. This indicates whether the selected combination of Access Type and Access Value is allowed to access the data.
System Defined Yes/ No	Select 'Yes', if you wish to maintain access type as system defined and 'No', if you do not want to maintain it as system defined. However, system defined entries cannot be modified.

A brief description of the fields are given below:

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.4 <u>Users</u>

The Users screen allows you to create and set up an user. In the User Definition section, you can assign a user an identification name and password to log on to the system. You can also assign the organization, division, and department where each user is located. Additional fields allow you to record information for contacting the user. You can also define the time frame within which a user has access to the system to ensure compliance to the company's schedule. This is a very useful feature to prevent logins during scheduled maintenance.

The Responsibility field records the job function of the user and defines the level of access that user has within the system; in particular:

- What menu items does the user have access to?
- What edits can the user perform on the Verification link during origination?

#### Note

The system's SUPERUSER responsibility grants access to the entire system. Give careful consideration to the number and type of users who receive this responsibility.

### To set up the Users screen

 Click Setup > Setup > Administration > User > Users. The system displays the Users screen.



2. In the **User Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Financial Services	Lend	ling and Leasir	ng								,	Welcome, HMACHA	Sign Qut
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SEARCHIMEAD													
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		View ¥ Format ¥	Freeze	Detach	الله Wrap	- CD							
> Origination		4						6	B				
Servicing		User	Organization	Division	De	partment	Start Dt	End Dt	System Defined	Enabl	ed First Nar	ne MI	
Collections										Choo		ie ing	
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Tools		988477					11/01/2000	12/31/2020	Yes No		Y ORACLE		۲ =
Setup			DMC	US D1	OF		10/10/2000	12/31/2020	Yes in No		Y ORACLE		1
Seed Data		ABSHEKAR	DMC	US D1	OF	RG	11/16/2016	12/31/2020	Yes No		Y ANAND		٤
4 User		AQMISHRA	DMC	US D1	OF	RG	01/01/2000	12/31/2020	O Yes O No		Y ABHINA		P
Organization			DMC	US D1	OF		07/25/2016	12/31/2020	O Yes O No		Y ARUN		
Companies		DEMOLEAD	DMC	US D1	FU	IN	06/01/2016	12/31/2020	Yes No		Y DEMO		L
Access		DEMOSALES	DMC	US D1	OF	RG	05/12/1994	12/31/2020	Yes () No		Y DEMO		ę
Users		DEMOSUPR	DMC	US D1	OF	RG	05/12/1994	12/31/2020	Yes () No		Y DEMO		5 -
Credit Bureau		•	m										- F
Correspondence													
General Ledger		User Definition											
Queues Printers									📄 Save	and Add 🛛 🔒 Save a	and Stay	Save and Return	Ca Return
Bank Details	=												
Check Details			ABSHEKAR				MI			Fax 2	2(354)-235-	2352	
Standard Payees		* Organization	DMC		-		* Last Name	SHEKAR		Replacement User			-
Currencies		* Division	US D1				* Responsibility	PROCESSOR		Dt		20	
Zip Codes		* Department	ORG			* Review	Request Supervisor	DEMO LEAD		* Type	EMPLOYEE		-
Products		* Start Dt	11/16/2016	6				3243(232)-523-6532		Reference #			
Asset Types			12/31/2020					324132		Email			
Index Rates		* System Defined		9						* Default			-
Currency Exchange Scoring Parameters								2352(352)-352-3523		Language	DEFAULT		-
Products		* Enabled					Extn 2	23235		Time Zone		-	
Pricings		* First Name	ANAND				* Fax 1	2354235(252)-352-3	523	Time Zone Level	ICED TIME		•
Contract	-									Time 20he Level	USER TIME	UNE	

Field:	Do this:
User	Specify the user ID.
	<b>Note</b> : This field is a unique indicator and cannot be updated, edited, or deleted once saved.
Organization	Select the organization to which the user belongs, from the drop- down list.
Division	Select the division to which the user belongs, from the drop-down list.
Department	Select the department to which the user belongs, from the drop- down list.
Start Dt	Specify the start date for the user. You can also select from the adjoining calender icon.
End Dt	Specify the end date for the user. You can also select from the adjoining calender icon.
System Defined	Select 'Yes', if the entry is system defined. System defined entries cannot be modified.
	Select 'No', if the entry is not system defined and it can be modified.
Enabled	Check this box to enable the user.
First Name	Specify the first name of the user.
МІ	Specify the middle initial of the user.
Last Name	Specify the last name of the user.



Field:	Do this:
Responsibility	Select the responsibility for the user from the drop-down list.
	<b>Note:</b> The users mapped to the role 'Responsibility' can only view the screens.
Review Request Supervisor	Select the supervisor responsibility who can also review and respond to review requests from the drop-down list.
	The list displays the corresponding Review Request Supervisors who are either one or more levels higher from the above selected user 'Responsibility' as maintained in 'RESPONSIBILITY_CD' lookup code.
Phone 1	Specify the user's primary phone number.
Extn 1	Specify the phone extension for the primary phone number.
Phone 2	Specify the user's alternate phone number.
Extn 2	Specify the phone extension for the alternate phone number.
Fax 1	Specify the user's primary fax number.
Fax 2	Specify the user's alternate fax number.
Replacement User	Select the user ID of the replacement user from the drop-down list.
Dt	Specify the date from when the replacement is effective. You can also select from the adjoining calender icon.
	<b>Note:</b> These two fields allow you to create a replacement user for the current user. This is particularly useful when a new employee assumes the duties of a former. By completing the Replacement User and Replacement Dt field, the system recognizes the replacement user as the current user on the effective date. For more information, refer the section, 'Replacement Users'.
Туре	Select the user type from the drop-down list.
Reference #	Specify the reference number for the user from the drop-down list.
Email	Specify user's email address.
Default language	Select the default language from the drop-down list.
Time Zone	Select the required Time Zone from the drop-down list, The speci- fied time zone would be applicable at company level.
Time Zone Level	Select the time zone level (Organization, Company or User) that would apply by default, when specific time zone is not specified at Company and User level.



# 3.4.1 Replacement users

By completing the **Replacement User** and **Dt** fields on the Users screen, you can replace an existing user with a new user. The system assigns all responsibilities of the original user to the new user as of the date of the replacement.

The **Replacement User** and **Dt** fields allow you to designate a replacement for the current user in the User ID field. When you complete the **Replacement User** and **Dt** fields, save your entry, and then enable the record, the system replaces the original user. The system changes the **End Dt** field to the date when the original user was replaced (the same date in the Dt field).

The system assigns the queues of the original user to only those replacement users who have the same user responsibilities (or Super User responsibility) as set in the system.

The system updates the following when replacing users:

- 1. Assigns all applications in the replaced user's underwriting queue with the status NEW to the replacement user's queue.
- 2. Assigns all applications in the replaced user's funding queue with a status other than FUNDED to the replacement user's queue. The system currently stores the collector name in the back end tables, which are updated with the replacement users ID in the case of the replacement of any user.
- 3. Also updates the Producer Management screen with the replacement user in the **Underwriter** and **Collector** fields. The system assigns all applications routed to the original user to the replacement user. This also includes any future applications for the replaced user.
- 4. The system automatically updates the **Collector ID** field in all accounts to the replacement user and routes all accounts assigned to the original user to the replacement user.

## Note

The system will not update the replacement user ID for accounts that are closed.

5. On the queue setup of Customer Service screen's Responsibilities sub screen, the record for the original user will be disabled and a new record will be created for the replacement user. If the replacement user already exists in the setup, The system will not create a new record. It updates the user ID and routes all accounts that were assigned to the original user, based on the account condition, to the replacement user.

# 3.4.2 Application and Oracle Identity Manager Synchronization

Oracle Identity Manager is for user administration. Oracle Financial Services Lending and Leasing has been developed in such a way that it can be implemented with or without Oracle Identity Manager. In case OID has been employed, the user definition is done in OID and then synchronized to the Oracle Financial Services Lending and Leasing Users table using a utility JAR called OID Synchronization JAR. In OID, users are defined across various groups belonging to a realm which is nothing but the directory structure in OID. A user can be configured to belong to multiple groups in a realm. Every time the user tries to login to Oracle Financial Services Lending or OBIEE, the system validates the login ID and the password with OID and provides access to those applications.



# 3.5 Credit Bureau

In the system, an important part of the origination process is pulling a credit report from a credit bureau and scoring that information against a user-defined risk model. These credit reports can be pulled both automatically and manually.

After you enter an application, the system compares its contents against pre-screen criteria. If the application passes a pre-screen edits check, the system advances the status of the application and automatically pulls a credit report.

You can manually request a credit report for an applicant or any other party included on the application, such as co-signers and spouses by selecting the bureau from which you want to pull the report. If more than one report type is defined for the selected bureau, then you can indicate the type of report you want to pull.

The following are few additional Credit Bureau Setup details:

- The credit bureau from which the report is pulled is determined by the applicant's zip code. The credit bureau interface searches the information in the Credit Bureau Zip Matrix tab and matches the applicant's zip code to determine the bureau(s) from which to request a report.
- The number of credit reports automatically pulled per applicant is controlled through the credit request parameter CRB\_MAX\_BUREAU\_PULL. If this parameter is set to 1, a credit bureau request will be made for the Bureau1 credit bureau from the zip code matrix. Likewise, if this parameter is set to 2, a credit bureau request will be made for the Bureau1 and the Bureau2 credit bureaus from the zip code matrix.
- The system automatically pulls credit reports for only the primary applicant and the primary applicant's spouse (for joint applications) unless the CRB\_ALL\_APL\_BUREAU\_PULL credit request parameter is set to Y. However, if the parameter is set to Y, the system pulls credit reports for all of the applicants on the Line of credit, regardless of their relationship to the primary borrower.
- Passwords, default report formats, and other required information from the credit bureaus are set up in the Report Formats screen.
- For identity scan data to flow into Equifax ACRO/ACRO Plus credit reports, the add-on has to be enabled at contract level. Please speak to your representative for enabling the add-on.

Member codes and passwords when switching credit bureau access methods (moving from dial-up to Net Connect). The member codes and passwords are not dependent on the connection method used to access the bureau.

Frame relay access is from the database server to the Experian host though a TCP/IP socket connection. The connection is outbound only and it is to a specific port (699 or 700) on the Experian host.

The credit bureau service will be accessing Experian Net Connect service through HTTP to the ECALS URL supplied by Experian as well as by the HTTPS to the URL returned as a response to the ECALS URL inquiry (the credit request URL). This access is from the database server access.

# 3.5.1 Credit Bureau

The setup for Credit Bureau spans across the following links:

- Report Formats
- Connections



- Zip Matrix
- Parameters
- Score Reasons
- Reporting

### Navigating to Credit Bureau

1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup > Administration > User > Credit Bureau**.

## 3.5.1.1 Report Formats

The Reports Formats screen captures and tracks the attributes related to the multiple types of reports offered by the credit bureau agencies. When a company enlists the service of a credit bureau, the credit bureau provides a membership code and password. This information needs to be entered on the Reports Formats screen before you can request a credit report. You must define at least one report for each credit bureau from which you want to pull reports.

The information on the Report Formats screen is location-specific. If the business requires different membership codes for each location, be it a company or branch, then individual records must be set up.

The Score Type, Additional Product, and Inquiry Limit fields on the Credit Report Setup section are optional. They may not apply to all credit bureau types and even if they do apply, you may want to leave them blank and rely on a default value set up at the credit bureau.

#### Note

For more information, refer to the the application Installation Guides.

### **To setup Report Formats**

- 1. Click Setup > Setup > Administration > User > Credit Bureau > Report Formats
- 2. In the **Credit Bureau** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

dit Bureau $\times$												2
eport Formats Co	nnections Zip Matri	x Parameters	Score Reason	s Reportin	g							
												•
redit Bureau View - Format -	Freeze	Detach	Wrap	65						🕂 Add 🥖	Edit 📃 View	🖋 Audit
Bureau Name	Short Name	Source	Country		Zip	Extn	City	State	Address Line 1	Address Line 2	Phor	ne 1
EQUIFAX	EQUIFAX	EFX	UNITED		00603		AGUADILLA	PUERTO RICO	P.O. BOX 105873	SUITE 600	(800)-685-1	
EXPERIAN	EXPERIAN	EXP	UNITED		00603		AGUADILLA	PUERTO RICO	P.O. BOX 2104	00112 000	(800)-682-7	
TEST	TEST BUREAU	EXT	AUSTRA		2020		SYDNEY	NEW SOUTH WALES			(000)-657-9	
EXTERNAL	EXTERNAL	EXT	UNITED		00603		AGUADILLA	PUERTO RICO	P.O. BOX 105873	ASD	(004)-654-6	
OA EXT	OA EXT	OA BUR	UNITED		00602		AGUADA	PUERTO RICO	DRAF	WERW	(000)-000-0	
View - Format - Company	Branch Freeze	Detach Description			Business Member Code	Customer Code	Auth Password Change Dt	Market	Sub Market	Industry	Preamble	Consur
US01	USHQ	1EF	1EXF		1EFXB	1EFX	Chunge DC	DFR	DCV	GH	ESD	QWS
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A brief description of	of the	fields	is	given	below:
------------------------	--------	--------	----	-------	--------

<b>F</b> ields	
Field:	Do this:
Bureau Name	Specify the name of the credit bureau company.
Short Name	Specify the abbreviated or short name for the bureau.
Source	Select the credit bureau source from the drop-down list.
Country	Select the country of the credit bureau address from the drop-down list.
City	Specify the city for the credit bureau address.
State	Select the state of the credit bureau address from the drop-down list.
Address Line 1	Specify the address line 1 for the credit bureau.
Address Line 2	Specify the address line 2 for the credit bureau.
Zip	Select the zip code for the credit bureau address from the drop- down list.
Extn	Specify the extension of the zip code for the credit bureau address.
Phone 1	Specify the primary phone number for the credit bureau.
Extn 1	Specify the extension for the primary phone number.
Phone 2	Specify the secondary phone number for the credit bureau.
Extn 2	Specify the extension for the secondary phone number.
Fax 1	Specify the primary fax number for the credit bureau.
Fax 2	Specify the alternative fax number for the credit bureau.

4. In the **Credit Bureau Report Formats** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this:
Company	Select the portfolio company that will be using the above credit bureau from the drop-down list.
Branch	Select the portfolio branch from the company that will be using the above credit bureau from the drop-down list.
Description	Specify the credit report format description.
Member Code	Specify the credit bureau member code (assigned by bureau).
Password	Specify the credit bureau password.
Customer Code	Specify the customer code.



Do this:
Display the last authorization password change date. The Experian Net Connect product requires that the Auth Password (or SSP Password in Experian jargon) be changed every 90 days (or sooner). Equifax may have similar requirements, but they were not known at the time of this writing. Use the date displayed in this field to identify when the password needs to be changed.
<b>Note</b> : The password needs to be changed both in the system and at the credit bureau. Changing the password does not initiate or perform a change at the bureau. Changing the password at the bureau must be done outside the system. Contact the credit bureau for the procedure for changing the password (display only).
Displays the authorization user ID (display only).
Displays the authorization password (display only).
<b>Note</b> : This field is not displayed to the user and is also encrypted before being stored in the database (display only).
tion User Id/Password section
Specify the authorization user ID.
Specify the authorization user password.
s section
applicable for TransUnion.)
Specify the TransUnion market id.
Specify the TransUnion Sub Market id.
Specify the TransUnion Industry code.
ection
applicable for Experian.)
Specify the Experian preamble code.
Specify the Experian host ID.
Specify the Experian UIC.
ction
applicable for Equifax.)
Specify the equifax service name. The service name will be pro- vided to you by Equifax when your company's Internet System to System account is created. Possible values for pulling credit reports are acrotest (for access to the test system) and acro (for access to the production system).



6. In the **Report Format Details** section, you can choose the various parameters of report format and also indicate if the report is to be processed internally or externally.

To support geography specific Credit Bureau integration, external interface is also supported in OFSLL. In such case, a webhook request for Credit Bureau Onboarding report is initiated from OFSLL. The same is processed in external bureau service depending on the endpoint configuration (type of bureau to be used as defined in Setup > Administration > System > Webhook screen).

Based on the response received the 'Credit Bureau Put' web service is triggered to update the details. Also on processing CREDIT\_REQUEST\_DETAILS the 'Status' of the request received in CRL\_CRB\_REP\_STATUS\_CD is updated in 'Bureau' tab of Origination and Servicing screens in the following combination:

CRL_CRB_REP_ST	- Bureau Details > Status			
Primary	Secondary			
Completed	Completed	Completed		
Completed	Failed	Failed		
Failed	Completed	Failed		
Failed	Failed	Failed		
Submitted	Completed	Submitted		
Completed	Submitted	Submitted		

7. Perform any of the Basic Operations mentioned in Navigation chapter.

Field	Do this:
Report	Specify the report name to be accessed from the credit bureau.
Report Type	Select the report type of the credit bureau report from the drop-down list.
Report Class	Select the report class as either Consumer or Business from the drop- down list.
Multi Request Allowed	Check this box to allow report request from multiple bureaus.
Score Type	Select the credit score type from the drop-down list.
Addl Product	Select the product code from the drop-down list.
Inquiry Limit	Select the inquiry limit for the credit report from the drop-down list.
Default	Check this box set this as default report format.
External Report	Check this box if the Credit Bureau Onboarding report request format is to be processed from external system. If selected, the encoding and decoding of request details and pooling of data into report is handled externally.
	By default, this check box is not selected and Credit Bureau Onboarding report request is processed within the system.



## 3.5.1.2 Connections

The Connections screen records and supports various connections to the credit bureau to receive reports from the agencies. The system supports connections to the bureaus through one or more modems attached to the database server, network accessed modem server, or direct network connection (usually frame relay).

For modem-based connections, multiple credit bureaus can be accessed over the same modem. If there are multiple requests in the queue, the order in which the bureaus are listed determines the order in which the requests are processed.

For example,

If the credit bureau service checks the submitted credit requests and finds three Experian, one Equifax, and two TransUnion credit requests and the connections setup is Bureau1=TUC, Bureau2=EFX, and Bureau3=EXP, the two TransUnion requests will be processed first, the Equifax request next, and then the three Experian requests.

### Note

For this above example, adding two more modems and assigning a specific bureau to each one would help to avoid the delay caused by queuing all requests through a single modem.

IMPORTANT: Direct network connections must be set up for only one bureau.

Like the Credit Bureau section on the Report Formats screen, the data fields used on the Connections screen are generic and not all fields are used for all access methods. The following table summarizes the data needed for each access method:

Method	Name	Bureau 1	Bureau 2	Bureau 3	Device	Device Speed	
Dial-up Required		Required (can be EXP, TUC, or EFX)	Optional (can be EXP, TUC, or EFX)	Optional (can be EXP, TUC, or EFX)	Required (can be either a local serial port device or an IP address and port number of a network modem)	Required for locally attached modems	
Experian Frame-relay	Required	Must be EXP	Leave blank	Leave blank	Must be the IP address and port number of Experian host	Not applicable	
Equifax Frame-relay	Required	Must be EFX	Leave Leave blank blank		Must be the IP address and port number of Equifax host	Not applicable	
TransUnion Frame-relay	Required	Mustbe TUC	Leave blank	Leave blank	Must be the IP address and port number of TransUnion host	Not applicable	
Experian Net. Connect	Required	Must be EXP	Leave blank	Leave blank	Must be the ECALS URL provided by Experian	Not applicable	
Equifax Internet System to System	Required	Must be EFX	Leave blank	Leave blank	Must be the URL provided by Equifax for connecting to the Internet System to System service	Not applicable	
CSC Internet	Required	Must be CSC	Leave blank	Leave blank	Must be the URL provided by CSC	Not applicable	
CredcoConnect	Required	Must be CRD	Leave blank	Leave blank	Must be the URL provided by Credco	Not applicable	

For frame relay access, specify the IP address provided by the bureau followed by a space and then the port number (for example, 192.168.36.2.700).



# **Experian Net Connect**

At the time of this writing, the Experian product ECALS URL is:

http://www.experian.com/lookupServlet1?lookupService

Name=AccessPoint&lookupServiceVersion=1.0&serviceName=Net

Connect&serviceVersion=2.0&responseType=text/plain

### Note

The URL given above is one continuous string. This can be verified by entering the URL with a browser. The displayed value will be an HTTPS URL.

Enter the entire ECALS URL provided by Experian into the Device field. Notice that this URL does not start with https. The ECALS URL is a URL used by the credit bureau service to request the HTTPS URL. The HTTPS URL is not displayed on any setup screen and is only known to the credit bureau interface at runtime.

## Equifax Internet System to System

At the time of this writing, the Equifax Internet System to System URL is:

https://transport5.ec.equifax.com/servlet/stspost

### CSC Tri-Merge

At the time of this writing, the CSC URL is:

https://www.emortgage.Equifax.com/cgi-bin/emspop.exe

### To setup the Connections

1. Click Setup > Setup > Administration > User > Credit Bureau > Connections.



2. In the **Credit Bureau Connections** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Credit Bureau ×								
Origination	Report Formats Con	nections Zip Mat	trix Parameters Score Rea	sons Reporting					
Servicing									
Collections	Credit Bureau C	onnections					al Ad	d 🖉 Edit	View 🔗 A
WEP	View 👻 Format 👻	Freeze	e 🚮 Detach 🛛 🕼 Wrap	62					
Tools	Name	Bureau 1			Bureau 2	Bureau 3	Device	Device Speed	Enabled
etup	EFX TEST FILES	EFX					https://transport5		N Y
	EXP TEST FILES	EXP					https://dm1.exper		Y
Setup Administration	TUC TEST FILES	TUC					https://netaccess		Y
⊿ System									
System Parameter	Credit Bureau C	onnections							
Lookups						Save and Add	Save and Stay	Save and	d Return 🛛 🗘 <u>R</u> e
User Defined Tables Audit Tables									
User Defined Default Transaction Codes		Name		Bureau 3		~	• E	nabled 🗌	
	* Bu	reau 1							
Data Files	Bu	reau 2	~	* Device Speed					
Dedupe Securitization									
Producer Cycles Vendors Collection Cycles Reports Error Messages Translations // User Organization Companies Access Users Credit Bureau	1								
Correspondence General Ledger Queues Printers Bank Details Check Details Standard Payees Currencies Zip Codes									

A brief description of the fields is given below:

Field:	Do this:
Name	Specify connection name.
Bureau 1	Select first credit bureau from the drop-down list.
Bureau 2	Select 2nd credit bureau from the drop-down list.
Bureau 3	Select 3rd credit bureau from the drop-down list.
	<b>Note</b> : The Bureau1, Bureau2, and Bureau3 fields in the Credit Bureau Connections section specify which bureau types can be accessed over the connection.
Device	Specify the connection device name. The Device field lists the physical device name for a modem, or the IP address for a network accessed connection.
Device Speed	Select the connection device speed. The Device Speed field is only applicable to server-attached modems. It is used to specify the com- munications speed between the server and the modem.
Enabled	Check this box to enable the connection.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.5.1.3 Zip Matrix

The system uses the zip code of the applicant's current home address to determine which credit bureau to use when automatically pulling a report. The Zip Matrix screen allows you to



record the credit bureau from which a report is pulled based on a range of zip codes, as well as the company, branch and country of the account.

When searching for a zip code match, the system:

- 1. Reads the first credit bureau defined in the matrix
- 2. Reads the credit report format to get the appropriate membership code and password for the user's location
- 3. Requests a credit report.

If the system cannot pull a report from the first bureau, it pulls one from the second. If the zip code you entered does not fall in the matrix setup, then the system uses a default zip matrix (0000000000 to 000000000) to select the required bureau.

### To set up the Zip Matrix

- 1. Click Setup > Setup > Administration > User > Credit Bureau > Zip Matrix
- In the Credit Bureau Zip Code Matrix section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Credit Bureau X											
> Origination	Report Formats	Connections	Zip Matrix	• Parameters	Score Re	asons Reporting						
Servicing												
Collections	Credit Burea									්⊫ <u>A</u> dd	🖉 Edit 🔄 View	🔗 Audit
WFP	View 👻 Format	- 🖙	Freeze	Detach	الله Wrap	62						
	Company	Bran	ch			Country	From Zip	To Zip	Bureau 1			3
Tools	ALL	ALL				UNITED STATES	0000000000	000000000	TUC	EXP	EFX	
etup	ALL	ALL				UNITED STATES	0000000000	000000599	TUC	EFX	EXP	1
Setup	ALL	ALL				UNITED STATES	000000600	0000001399	EXP	EFX	TUC	
4 Administration	ALL	ALL				UNITED STATES	0000001400	000002999	TUC	EXP	EFX	
✓ System	ALL	ALL				UNITED STATES	0000003000	000006999	TUC	EFX EXP	EXP	
System Parameter	ALL	ALL				UNITED STATES	0000007000	0000014999	TUC	EFX	EXP	
Lookups	ALL	ALL				UNITED STATES	0000015000	0000017799	EFX	TUC	EXP	
User Defined Tables	ALL	ALL				UNITED STATES	0000020000	0000025299	EFX	TUC	EXP	
Audit Tables	ALL	ALL				UNITED STATES	0000025300	0000025499	EFX	EXP	TUC	
User Defined Defaults	ALL	ALL				UNITED STATES	0000025500	0000025599	EFX	TUC	EXP	
Transaction Codes =	ALL	ALL				UNITED STATES	0000025600	0000025699	TUC	EFX	EXP	
Data Files	ALL	ALL				UNITED STATES	0000025700	0000025799	EFX	TUC	EXP	
Dedupe	ALL	ALL				UNITED STATES	0000025800	0000026099	EFX	EXP	TUC	
Securitization	ALL	ALL				UNITED STATES	0000026100	0000026299	EFX	TUC	EXP	
Events	ALL	1 122				oraneo orrineo		0000020205		100	2.0	
Batch Jobs	0.00											
Producer Cycles	Credit Burea	I ZIP CO	de Matrix									
Vendors										Save and Stay	Save and Return	Return
Collection Cycles												
Reports	*	Company	ALL			* From Zip	0000000000			Bureau 2	EXP	
Error Messages		* Branch				* To 7in	000000000			Bureau 3	EV	
Translations										Bureau 3	28.8	
⊿ User		Country	UNITED STATES	S	-	* Bureau 1	TUC		3			
Organization												
Companies												
Access												
Users												
Credit Bureau												
Correspondence												
General Ledger												
Queues												
Printers												
Bank Details												
Check Details												
Standard Payees												
Currencies												

Field:	Do this:
Company	Select the portfolio company from the drop-down list.
Branch	Select the portfolio branch from the drop-down list. The branch will be displayed based on the company selected.
Country	Select the country from the drop-down list.
From Zip	Specify the starting zip code (From).
To Zip	Specify the ending zip code (To).



Field:	Do this:
Bureau 1	Select the preferred bureau #1 (first bureau pulled), from the drop-down list. You must enter at least one credit bureau in the Bureau 1 field for each zip code range. The bureau entered in the Bureau 1 field for each range is the primary bureau. For any given range, do not list the same credit bureau in more than one field.
Bureau 2	Select the preferred bureau #2 (second bureau pulled) from the drop- down list.
Bureau 3	Select the preferred bureau 3 (third bureau pulled) from the drop-down list.

# 3.5.1.4 Parameters

The Parameters screen records parameters specifically dealing with credit bureau information. These parameters are divided into three groups:

- Parsing parameters
- Request parameters
- Configuration parameters

Parameters can be defined at the company or branch level. The following credit bureau parameters are configured during the installation:

PARSING PARAMETERS FOR CREDIT BUREAU SERVICE

CONFIGURATION PARAMETERS FOR CREDIT BUREAU SERVICE

The following credit bureau parameters are configured during implementation:

REQUEST PARAMETERS FOR CREDIT BUREAU SERVICE

## To setup the Parameters

1. Click Setup > Setup > Administration > User > Credit Bureau > Parameters.



2. In the **Credit Bureau Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Credit Bureau ×					
Origination	Report Formats Con	nnections Zip Matrix Parameters Score Reasons Reporting				
Servicing						
	Credit Bureau	Darameter		se Ada	d / Edit View	Audit
Collections	View - Format -	Freeze Detach		0 200	a Low	V Again
WFP						
Tools	Company	Branch	Parameter Group Para	ameter Para	ameter Value Enabled	
etup	ALL	ALL	PARSING PARAME ALL	OW REVOLVIN N	Y	/
	ALL	ALL		IGN SCORE E Y	Y	
Setup	ALL	ALL	PARSING PARAME MAX		Y	-
4 Administration	ALL	ALL	PARSING PARAME MIN	IMUM AMOUN2	Y	
⊿ System	ALL	ALL	PARSING PARAME MAX	CIMUM AMOUN2	Y	
System Parameter	ALL	ALL	PARSING PARAME MIN	IMUM AMOUN2	Y	
Lookups	ALL	ALL	PARSING PARAME ACC	OUNTS WITH Y	Y	
User Defined Tables	ALL	ALL	PARSING PARAME COL	LECTION ITE N	Y	
Audit Tables	ALL	ALL	PARSING PARAME COL	LECTION ITE N	Y	
User Defined Default	ALL	ALL	PARSING PARAME CSC	CLOSED STA 8,9	Y	
Transaction Codes	ALL	ALL	PARSING PARAME DAY	S OLD THAT1	Y	
Data Files	ALL	ALL	PARSING PARAME DEL	ETE THE EXPE N	Y	
Dedupe	ALL	ALL	PARSING PARAME DER	LIVE MISSING Y	Y	
Securitization	ALL	ALL	PARSING PARAME EOL	JIFAX NARRAT	Y	
Events						
Batch Jobs	Credit Bureau	Parameter				
Producer Cycles			Save and Add	Save and Stay	Save and Return	A Return
Vendors			C Sand and Day	C Save and Stag	a gove and reason	An Dorout
Collection Cycles		and the second as a				-
Reports		* Company ALL	•	* Parameter		
Error Messages		* Branch ALL		* Enabled		
Translations Juser						
		* Parameter Group				
Organization						
Organization Companies						
Organization Companies Access						
Organization Companies						
Organization Companies Access Users Credit Bureau						
Organization Companies Access Users						
Organization Companies Access Users Credit Bureau						
Organization Companies Access Users Credit Bureau Correspondence						
Organization Companies Access Users Credit Bureau Correspondence General Ledger						
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers						
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details						
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Benk Details Check Details						
Organization Companies Access Users Oredit Bureau Correspondence General Ledger Quieues Printers Bank Details Check Details Standard Payees						
Organization Companies Access Users Corespondence General Ledger Queues Printers Bank Details Check Details Standard Payees Currencies						
Organization Companies Access Users Credit Dureau Correspondence General Ladger Queues Printers Bank Details Check Details Standard Payees						
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details Standard Payees Currencies						

A brief description of the fields is given below:

Field:	Do this:
Company	Select the portfolio company from the drop-down list.
Branch	Select the portfolio branch from the drop-down list. The branch will be displayed based on the company selected.
Parameter Group	Select the credit bureau parameter group from the drop-down list.
Parameter	Select the credit bureau parameter from the drop-down list
Parameter Value	Specify the credit bureau parameter value.
Enabled	Check this box to enable the credit bureau parameter.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## 3.5.1.5 Score Reasons

The Score Reasons screen allows you to define or modify the scoring reason codes and descriptions for the predefined scoring models used by the credit bureau agencies.

#### Note

This information is not associated with the user-defined scores determined by the internal Oracle Financial Services Lending and Leasing model during product setup.

## To setup the Score Reasons

1. Click Setup > Setup > Administration > User > Credit Bureau > Score Reasons.



2. In the **Score Models** section, you can view the following information.

	-										XC
DashBoard	Credit Bureau X										
Origination	Report Formats	Connections	Zip Matrix	Parameters	Score Reas	sons Repor	rting				
Servicing											
Collections	Score Model	5									
WFP	View 👻 Forma	- 📑	Freeze	Detach	الله Wrap	62					
	Score Model	Enabl	led								
Tools	NEW NATION										
etup	EQUIVALENCY										
Setup	EXPERIAN/FIG										
4 Administration	EXPERIAN/FIG										
4 System	EXPERIAN/FIG	.0P T									100
System Parameter											
Lookups	Score Reaso								de Add		√ Audit
User Defined Tables	and the second second			-	1				Alle Mon	Con Tien	
Audit Tables	View 👻 Forma	- 🗟	T Freeze	Detach	ل Wrap	62					
User Defined Defaults	Reason Code		ription								
Transaction Codes 📃	1		ew accounts i								-
Data Files	10			s with high balar							E
Dedupe	11					bank account	s or lack of revolving bank accounts				
Securitization	12			ig bank account / opened retail a							
Events Batch Jobs	14					actions anend	cy, medical, and utility)				
Producer Cycles	15		of mortgage a		a occounta (con	cedonia agente	y, medical, and dairy)				
Vendors	16				gs on mortgage	accounts or l	ack of mortgage accounts				
Collection Cycles	17		of open retail								
Reports	18	Numb	perr of recent	delinquencies							-
Error Messages	Columns Hidden	1									
Translations	Score Reaso	ns									
⊿ User	beore recuso	1.5							Cause and Stau	Save and Return	CaReturn
Organization									C Save and Stay	D Save and Kedulti	Aucoun
Companies							Reason Code 1				
Access											
Users							* Description TOO FEW ACCOUNT	IS NOW COR			
Credit Bureau											
Correspondence											
General Ledger											
Queues Printers											
Bank Details											
Check Details											
Standard Payees											
Currencies +											

A brief description of the fields is given below:

Field:	Do this:
Score Model	Displays the credit bureau score model (display only).
Enabled	Displays if the credit bureau score model is enabled or not.

3. On the **Score Reasons** sub screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field	Do this:
Reason Code	Specify the reason code.
Description	Specify the description.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.5.1.6 Reporting

The system reports to the credit bureau agencies in the Metro 2 format with the payment and account status information of each account holder. The Credit Bureau Reporting screen contains the program identifier to be reported to the bureaus.

## To setup the Reporting

1. Click Setup > Setup > Administration > User > Credit Bureau > Reporting.

2. In the **Credit Bureau Reporting** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

UashBoard Origination Servicing Collections WEP Tools Company Bureau Userwice of the servicing Credit Bureau Reporting View + Company Bureau Userwice of the servicing Credit Bureau Reporting Company Bureau Setup Credit Bureau Reporting Company Bureau Company Bureau Credit Bureau Reporting Company Bureau Credit Bureau Reporting		1999 (1999) 1999 (1999 (1999) 1999 (1999) 1999 (1999) 1999 (1999 (1999) 1999 (1999)	
Servicing Collections WFP Tools Tools Company Service Support Service	DashBoard	Credit Bureau ×	X
Cullections WFP Tools Up Collections WFP Tools Up Company Uses User Format System Parameter Lookaps User Format User Format Data Files Bath.lods Program Identifier User Format Bath.lods Program Identifier "*Program Identifier "**Program Identifier "**Program Identifier "**Program Identifier "**Program	Origination	Report Formats Connections Zip Matrix Parameters Score Reasons Reporting	
WPP   Tools   tup   Sinp   4 Administration   - System Parameter   Lockpie   Lockpie   Bash Debs   Seventis   Reporti   Eventis   Collection Cycles   Produce Cycles   Comparization	Servicing		
Stop   Stop   Stop   System Paraneter   Lockpra   Lockpra   Lockpra   User Defined Tables   Auth Tables   User Defined Tables   Data Files   Detafies   Detafies   Detafies   Barchaut   Werdow   Company   Barchaut   Company   Barchaut   Werdow   Company   System Remarker   Lockpra   Lise Defined Tables   Barchaut   Barchaut   Werdow   Company   Producer Cycles   Vendotsore   Companies   Acces   User   Companies   Bark Details   Companies   Bark Details   Companies <t< td=""><td>Collections</td><td>Credit Bureau Reporting</td><td>👍 Add 🥒 Edit 📃 View 🗸 Audit</td></t<>	Collections	Credit Bureau Reporting	👍 Add 🥒 Edit 📃 View 🗸 Audit
Tools       Organy       Bueau       Poopen identifier       In the identifier         Stape       * System       Parameter       N         User Defined Tables       Issue and Add       Sove and Add       Sove and Add         User Defined Tables       * Company       * Company       * Enabled         Data Files       Poopen identifier       * Enabled         Data Files       * Enabled       * Program identifier         Data Files       * Program identifier       * Enabled         Produce Codes       * Program identifier       * Enabled         User Defined Tables       * * Company       * Enabled         Securitization       * Frogram identifier       * Enabled         Produce Codes       *       * * Frogram identifier         Transdetons       *       * * Frogram identifier         Companies       *       * * * * * * * * * * * * * * * * * * *	WEP	View 🗸 Format 🖌 🔛 Freeze 🚮 Detach 🐢 Wrap 🚱	
tup   Administration   * System Parameter   Lockups   User Defined Tables   Aukt Tables   User Defined Tables   Aukt Tables   Sevents   Bath Job   Producer Cycles   Yendsor   Callection Cycles   Perds   Bath Job   Producer Cycles   Vendsor   Comparities   Callection Cycles   Producer Cycles   Vendsor   Comparities   Details   Comparities   Comparities   Details   Comparities   Comparities   Details   Comparities   Details   Comparities   Details   Comparities   Details   Comparities   Bank Details   Check Details   Check Details   Check Details   Check Details		Company Bureau	
Advisition   Advisition   System   Sy			N
Locapei     ** Company     ** Enabled       User Define Tables     ** Buraou     **       Audit Tables     ** Buraou     **       User Define Definite     ***     ***       Transaction Codes     ***     ***       Data Files     ***     ***       Pachupe     ***     ***       Securitation     ***     ***       Securitation     ***     ***       Produce Codes     ***     ***       Ventors     Codesctor Codes     ***       Ventors     Codesctor Codes     ***       Ventors     Codesctor Codes     ***       Ventors     Codesctor Codes     ***       Postardono     **     ***       Ventors     Codesctor Codes     ***	Administration	Credit Bureau Reporting	🕞 Save and Add 📔 🗟 Save and Stay 📄 Save and Return 🛛 🖓 Beturn
Uer Defined Tables         **Bureau           Audit Tables         **Program Identifier           Transaction Codes         **Program Identifier           Data Files         **Program Identifier           Detuge         **Bureau           Securitation         **Program Identifier           Events         **Bureau           Batch Jobs         **Program Identifier           Vertors         **Bureau           Batch Jobs         **Program Identifier           Vertors         **Bureau           Collection Cycles         **Program Identifier           Vendors         **Bureau           Collection Cycles         **Program Identifier           Vendors         **Bureau           Collection Cycles         **Bureau           Vendors         **Bureau           Collection Cycles         **Bureau           Vendors         **Bureau           Orgenitation         **Bureau           User         Orgenitation           User         Orgenitation           User         Orgenitation           Orgenitation         **Bureau           Orgenitation         **Bureau           Orgenitation         **Bureau           Orgen		* Company	* Enabled
User     "Program identifier"       Transaction Codes     Debuge       Data Files     Debuge       Securitation     Securitation       Events     Batch Jobs       Producer Cycles     Vendors       Collection Cycles     Securitation       Vendors     Collection Cycles       Orgenization     Securitation       Just     Securitation       Vendors     Collection Cycles       Collection Cycles     Securitation       Vendors     Comparisation       Great Burgan     Securitation       Great Burgan     Securitation       Great Burgan     Securitation       Printers     Securitation       Batch Zabelis     Check Details       Check Details     Check Details       Check Details     Check Details		* Bureau	
Transchild Codes Det Pieles Securitization Events Batch Jobe Produker Cycles Vendors Collection Cycles Reports Error Nesagee Translations User Organization Companies Acces Users Constiti Bureau Correspondence General Ladger Queus Protes Batch Zetals Correspondence General Ladger Queus Protes Protes Batch Zetals Correspondence General Ladger Queus Protes Pr		* Program Identifier	
Data Files       Defuge       Sexufitation       Events       Batch Jobs       Batch Jobs       Poducer Cycles       Poducer Cycles       Collector: Cycles       Collector: Cycles       Trantation       Iter       Organization       Comparies       Acces       General Ludger       Pinters       Batch Jobs       Barby Totalistic       Correspondence       General Ludger       Pinters       Barby Totalistic       Correspondence       General Ludger       Pinters       Barby Totalistic       Check Details       Check Details <td></td> <td></td> <td></td>			
Secultation Events Events Events Events Events Events Events Producer Cycles Producer Cycles Producer Cycles Collection Cycles Collection Cycles Collection Cycles Companies Companies Companies Companies Companies Conference Confere			
Events       Bath.Joak       Pinduce Cycles       Vendore       Collection Cycles       Rapotis       Foro Massages       Translations       Translations       Vendore       Operatization       Comparise       Operatization       Comparise       Operatization       Comparise       Operatization       Comparise       Operatization       Comparise       Operatization       Operatization <td></td> <td></td> <td></td>			
Bach Jobs       ▲         Produce Yorks       ▲         Vendors       ▲         Calletion Cycles       ▲         Reports       ▲         Translation       ■         Ø Users       ■         Ø Users       ■         Ø Users       ■         Ø Orspanise/Access       ■			
Produce Cycles       □         Vendors       □         Callectrin Cycles       □         Rapotis       □         Translations       □         Translations       □         Oparization       □			
Collection Cycles Reports Error Messages Translations Companies Acces Users Organies Correspondence General Ledger Queues Printers Bank Details Correspondence Correspondence General Ledger Printers Bank Details Correspondence Correspon			
Reports       Error Messages       Translations       ✓ User       Organization       Companies       Access       Users       Credit Bureau       Correspondence       General Ledger       Queues       Parters       Bank Details       Check Details       Sandard Payees       Currencies       Zip Codes			
Error Messagesi Translationsi I User Organisa Acces Coregonisa Acces Coregonence General Leger Ordes Densit Corespondence General Leger Ordes Densit Corespondence Coresp			
Tandatsina			
<ul> <li>✓ Uer</li> <li>Organiston</li> <li>Organiston</li> <li>Acces</li> <li>User</li> <li>Oradi Bureau</li> <li>Correspondence</li> <li>General Ledger</li> <li>Queues</li> <li>Printers</li> <li>Bank/ Detaid</li> <li>Orack Detaids</li> <li>Standard Preyes</li> <li>Currencies</li> <li>Zp Codes</li> </ul>			
Congonies Acces User Orsk Bureau Conspondence General Ledger Queues Printers Benk Details Check Details Check Details Standarf Pyees Currencies Zip Codes			
Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details Standard Repees Currencies	Organization		
Uers Uers Credit Bureau Correspondence Gereral Ladger Queues Printers Bank Details Check Details Check Details Standard Reyees Currencies Zip Codes			
Ordit Bureau Correspondence General Lodger Queues Printe's Bank Obtalis Standard Rayees Critech Detales Standard Rayees			
Correspondence Greenel Ledger Queues Printers Printers Benk Details Check Details Standard Payees Currencies Zip Codes			
Queues Printers Bank Details Check Details Sandard Reyees Currencies Zip Code			
Printers Bork Details Shack Details Shackard Payees Currencies Zip Codes	General Ledger		
Bank Details Check Details Standard Payees Currencies Zip Codes			
Check Details Standard Payees Currencies Zirp Codes			
Standard Payees Currencies Zip Codes			
Zip Codes			
	Currencies		

A brief description of the fields is given below:

Field	Do this:
Company	Select the portfolio company from the drop-down list.
Bureau	Select the bureau from the drop-down list.
Program Identifier	Specify the program identifier. The customer receives this from the bureau and uses it to identify itself to that bureau. You will need to update this information.
Enabled	Check this box to enable the program.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.5.2 Special Metro II Code reporting

The system allows you to report the following special Metro II segments to the credit bureau output file:

- Consumer Information Indicator Code (CIIC)
- Compliance Condition Code (CCCD)
- Special Comment Code (SPCC).

The system users will need to use call Action/Results and Reason fields on the Call Activities sub screen of the Customer Service form (Lending > Customer Service > Customer Service (2) master tab > Account Details tab > Call Activities sub tab) to place specific account conditions where these Metro II segments are to be reported. The specific segment reported for a given condition will be based on the account condition and call activity reason codes.



#### Note

It is the responsibility of the Administrator or individual user to setup Special Metro II Code reporting functionality.

When users open one of the following conditions:

Code	Description
CIIC	CONSUMER INFORMATION INDICATOR CODE (METRO2 - FCRA)
CCCD	COMPLIANCE CONDITION CODE (METRO2)
SPCC	SPECIAL COMMENT CODE (METRO2)

The system recognizes the condition, processes the selected Metro II reporting call activity reason code, and generates the Metro II reporting segment in the Metro II reporting output file.

#### Note

- You are responsible for selecting the correct Metro II reporting segment reason code to be reported. If you do not select a Metro II reporting segment reason code, the system will not generate information to Metro II output file. If you select an incorrect Metro II reporting segment reason code, the system will report the selected Metro II reporting segment. the system does not validate the contents of the Reason field with the contents of the Condition field.
- To end the reported Special Metro II Special Code, close the open Special Metro II Condition (no reason code needed). The system recognizes the closing of the open Special Metro II Condition and will not create a Metro II reporting segment in the output file.
- The CBU\_FILE\_FREQUENCY (METRO 2 FILE FREQUENCY) Company system parameter determines if output file is generated and created daily or output file is written with daily data and output monthly.

### To setup Metro II Code reporting

 On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Queues > Call Action Results to open and close the following system defined condition codes:

Action Code	Description
CIIC	CONSUMER INFORMATION INDICATOR CODE (METRO2 - FCRA)
CCCD	COMPLIANCE CONDITION CODE (METRO2)
SPCC	SPECIAL COMMENT CODE (METRO2)

When setup is completed, you can open and close Special Metro II code conditions.

#### Note

Opening and closing Special Metro II Code reporting is a manual process.



The CBU\_FILE\_FREQUENCY (METRO 2 FILE FREQUENCY) Company system parameter determines, if output file is generated and created daily or output file is written with daily data and output monthly.

## 3.5.3 Oracle Wallet Manager setup

The Experian Net Connect, Equifax Internet System to System, and CSC interfaces within the the system credit bureau service use functionality provided by the Oracle Wallet feature. Use the Oracle Wallet Manager on the database server to create and export a wallet for use by the credit bureau service.

#### Note

All of the above mentioned interfaces use the same Oracle wallet. If a wallet already exists and is in use by one of the credit bureau interfaces, there is no need to create another wallet. Due to differing certificate requirements, there may be a need to import additional trusted certificates into the wallet, but there will not be a need to create a new one. The credit bureau parameter ORA\_WALLET\_PATH contains the location of the Oracle Wallet used by the credit bureau service.

### To create and export a wallet suitable for use by the credit bureau

Refer to the Oracle documentation for more detailed instructions on how to use the Oracle Wallet Manager to create and manage a wallet:

- If a wallet does not already exist, create one somewhere on the database server. The location must be readable and writable by the Oracle user. Make a note of the full path where the wallet is stored (for example, /etc/ORACLE/WALLETS/oracle or C:\oracle\WALLETS).
  - For Transunion credit bureau, a separate wallet file is needed under transunion folder inside the main wallet path (for example: /etc/ORACLE/WALLETS/oracle/transunion or C:\oracle\WALLETS\transunion).
- 2. The wallet needs to contain the public key for the certificate authority that issued the server certificate for each HTTPS web site that will be connected to by the credit bureau interface. At the time of this document, those sites are:

https://ssl.experian.com	Experian
https://transport5.ec.equifax.com	Equifax
https://www.emortgage.Equifax.com	CSC

This list may change. Use the URL provided to you by the credit bureau when they set up your service. To get the proper Experian HTTPS URL, enter the ECALS URL that was provided by Experian into a web browser. The response returned to the browser is the HTTPS URL that will be used to communicate with Experian.

- 1. Import the necessary certificate authority's certificate files into the Oracle wallet that was created in Step 1. See the appendix of this chapter for detailed instructions of how to download and install a trusted certificate.
- 2. Test the wallet by connecting to each web site with a simple command issued from SQLPlus.

```
SQL> select utl_http.request('https://ssl.experian.com', NULL,
'file:/etc/ORACLE/WALLETS/oracle', 'password') from dual;
```



Replace the URL in the above command with each HTTPS URL given to you for use by the credit bureaus. Also replace the wallet path with the path to your wallet and your wallet password. The output from the command is not important, what is important is that it runs without displaying an Oracle error. If there is an Oracle error, then something is wrong with the contents of the wallet, the path to the wallet, and/or the wallet password.

- 3. When the wallet contains all of the required trusted certificates, export the wallet to a text file. On the **Operations** menu of the Oracle Wallet Manager, choose **Export All Trusted Certificates**. The text file MUST be located in the same directory as the wallet and the filename MUST be default.txt. Anytime a change is made to the trusted certificates in the wallet, the wallet must be re-exported to the same text file.
- 4. In the Setup > Setup > Credit Bureau > Parameters set the ORA\_WALLET\_PATH and ORA\_WALLET\_PASSWORD parameters.

## 3.5.4 Oracle JVM Security setup

The Experian Net Connect interface within the credit bureau service requires the use of the Oracle Java Virtual Machine (JVM) that is resident in the Oracle database. Furthermore, specific permissions must be granted to the Java classes used by the credit bureau service. These permissions have been added to the set\_java\_perms.sql script that is part of the distribution. This script (as well as many other useful SQL scripts) is available from the Oracle Financial Services Software technical support Oracle Financial Services Lending and Leasing patches web site.

The set\_java\_perms.sql script needs to run as the SYS user (or a user with SYS privileges). The script will prompt for SYS user id and password. Be prepared to provide it when prompted. Also, the script will select the value of the ORA\_WALLET\_PATH parameter from the credit bureau parameters table. Make sure that it has been updated with the proper wallet path before running the set\_java\_perms.sql script (although the script can be safely run again if necessary).

## **Credit Bureau Service operation**

The basic operation of the credit bureau service has not changed. Once setup, there is no operational difference between accessing the credit bureaus via dial-up, frame relay, or the Internet.

## 3.5.5 Importing a trusted certificate into an Oracle Wallet

The HTTPS servers used by Experian, Equifax, and CSC for their Internet based credit report services (as well as all HTTPS servers) contain a site certificate signed by a trusted Certificate Authority (CA). The CA is an entity that guarantees the identity of the HTTPS server. If the client trusts the CA, and the CA says that the HTTPS server is who they say they are, then the client inherently trusts the HTTPS server. Normally, a client tool such as Microsoft Internet Explorer has a large store of trusted CA certificates which makes secure communication between a client and a trusted HTTPS server relatively seamless and uneventful. Unfortunately, the store of CA certificates in the default Oracle wallet is rather small and it is likely that it will not contain the certificate of the CA that is certifying one or more of the credit bureau web sites. This means that the CA certificate must be imported into the wallet. To do this, the certificates must first be exported from a browser and then imported into the Oracle wallet using the Oracle Wallet Manager.

### Using Microsoft Internet Explorer to Export a Certificate

1. Use Microsoft Internet Explorer and connect to one of the HTTPS URLs referenced in the Oracle Wallet Manager Setup section of this document.



If the web site asks for a user id and password, cancel the dialog box and remain on the top-level HTTPS screen.

- 2. Once connected, from the browser's File menu, choose Properties.
- 3. Click the Certificates button.
- 4. Click the **Certification Path** tab. The bottom-most certificate is the one generated by the host itself. The one or more certificates above the bottom-most one are of greater importance to this task. The screen shot below displays a web site with two CAs (an intermediate, and a primary). Whether it is an intermediate CA or a primary one, the steps are the same for saving the certificate as a text file.

rtificate	?
General Details Certification Path	
Certification path	
VeriSign Class 3 Public Primary CA	y Ref. LIABILITY LTD (c)97 Ve
	View Certificate
Certificate status:	
Certificate status: This certificate is DK.	

- 5. Click the first certificate above the bottom-most certificate (it may be the only certificate above the bottom-most certificate).
- 6. Click the View Certificate button.
- 7. Click the **Details** tab.
- 8. Click the Copy to File button.
- 9. Click the **Next** button.
- 10. Choose the Base 64 encoded format.
- 11. Click the **Next** button.
- 12. Enter a filename and location for the file.
- 13. Click the Next button.
- 14. Click the **Finish** button.
- 15. Repeat steps 5 through 14 for the next certificate in the certification path, if any.

## 3.5.6 Importing the Certificates into an Oracle Wallet

- 1. Copy the certificates exported and saved during the process described above onto the database server (not the iAS server).
- 2. As the Oracle user (or Administrator on Windows), start the Oracle Wallet Manager.



- 3. Open the wallet that will be used by the credit bureau service. Create a new wallet if one does not already exist.
- 4. View the list of Trusted Certificates in the wallet.
- 5. Check the list of certificates against the list of certificates that are in use on the HTTPS servers used by the credit bureaus (and that were exported and saved during the export process described above).
- 6. Click the Trusted Certificates heading in the left list box of the Oracle Wallet Manager.

Wallet Operations Help			ORACI
⊖	Certificates	Key Size	Expire Date
A commonio-fermioni	🕱 Class 1 Public Primary Certification Authority	1024	January 7, 2020
Or      O	a Class 2 Public Primary Certification Authority	1024	January 7, 2004
Class 1 Public	a Class 3 Public Primary Certification Authority	1024	January 7, 2004
Class 2 Public	Secure Server Certification Authority	1000	January 7, 2010
a stass at as as	T GTE CyberTrust Root	1024	February 23, 2006
- Secure Server 🤇	GTE CyberTrust Global Root	1024	August 13, 2018
GTE CyberTrus	Entrust.net Secure Server Certification Authority	1024	May 25, 2019
- GTE CyberTrus	Entrust.net Certification Authority (2048)	2048	December 24, 2019
- Entrust.net Sec	Entrust.net Secure Server Certification Authority	1024	February 4, 2020
- Entrust net Cer	🐺 Class 3 Public Primary Certification Authority	1024	August 1, 2028
- 🕱 Entrust net Sec	🕱 www.verisign.com/CPS Incorp.by Ref. LIABILIT	1024	October 24, 2011
- Class 3 Public			
www.verisign.c			
a D			

7. Use Microsoft Internet Explorer to view the certificate details for the HTTPS web sites (File > Properties > Certificates > Certification Path > View Certificate > General) that will be contacted by the credit bureau service. Look through the list of certificates shown in the right panel of the Oracle Wallet Manager and look for a match between the Issued To and Valid To dates shown in the Internet Explorer View Certificate screen.



The screen shot below shows a certificate that is already in the wallet's list of trusted certificates (see the last entry for the www.verisign.com/CPS certificate).

ertificate	?
General Details Certification Path	
Certification path	
VeriSign Class 3 Public Primary C Www.verisign.com/CPS Inco	A np.by Ref. LIABILITY LTD.(c)97 Ve
	View Certificate
Certificate status:	
This certificate is OK.	

- 8. On the **Operations** menu, choose **Import Trusted Certificate** and follow the prompts for locating and loading the files that were copied onto the database server in step 1 for any certificate not already stored in the wallet.
- 9. On the **Wallet** menu, choose **Save** when finished loading certificates.

# 3.5.7 De-duping Credit Bureau data

Oracle Financial Services Lending and Leasing allows you to remove duplicate ("de-dupe") liabilities data from the credit bureau information.

### **De-duping logic**

The de-duping logic is based on a number of parameters that the system compares among *tradelines* (**only**) to determine if they are duplicates. The following fields are used to determine if two tradelines are duplicates:

Field:	Description:
Account #	The account number of the consumer with the lender for the particular account.
Open Date	The date the account was opened.
Member Code	The subscriber code of the lender with the respective credit bureau. <b>Note</b> : Since member codes for the same lender differ across bureaus, this field is used only for tradelines reported by the same bureau. Since reports obtained from CSC can have tradelines from different bureaus, this field is only for reports pulled from the credit bureaus.

All available bureau reports pulled later than DEDUP\_CRB\_EXPIRATION\_DAYS days old will be used.



The following system parameters will be set up to provide switches to allow the functionality to be turned on and off:

Parameter	Description	Valid Values	Setup Value
JOINT_DEDUP_SPOUSE_LIABILITIES	De-deup the tradelines with spouse	Y, N	Y
JOINT_DEDUP_ALLAPL_LIABILITIES	De-deup the tradelines with spouse and secondary applicants(s).	Y, N	Y
DEDUP_CRB_EXPIRATION_DAYS	Credit report expiration days	Number	90

Whenever two (or more) items are identified as duplicates, Oracle Financial Services Lending and Leasing uses the following hierarchy to pick one of the items as the "correct" one:

- 1. Last Reported Date: The row that has been reported most recently is used.
- 2. **Owner**: In case of a tie on the last reported date, one of the tradelines is picked in the descending order of priority depending on who the tradeline belongs to: Primary, Spouse, then Secondary.

## Debt Ratio combination

Oracle Financial Services Lending and Leasing uses the system parameter DBR\_JOINT\_INC\_DEBT\_WITH\_SPOUSE to decide whether to combine debt ratios of the spouse with the primary applicant. The DBR\_JOINT\_INC\_DEBT\_WITH\_COAPP parameter decides whether to do the same on a non-spousal joint application.

When this indicator is checked, all liabilities in the Liability section on the Summary sub screen of the Applicant (2) master tab with the Include box selected will be used in the debt ratio calculation.

The following system parameter will be set up to provide switches to allow the functionality to be turned on and off:

### **De-duping process**

The de-duping logic will be integrated into the system decision-making process in the following manner:

#### Initial credit pulls on new applications

- If the JOINT\_DEDUP\_SPOUSE\_LIABILITIES/ JOINT\_DEDUP\_ALLAPL\_LIABILITIES system parameters are set to **Y**, uses the de-duping logic described above to uncheck the duplicate liabilities in the spouse's/co-applicant's liabilities.
- If the DBR\_JOINT\_INC\_DEBT\_WITH\_SPOUSE/ DBR\_JOINT\_INC\_DEBT\_WITH\_ALLAPL parameters are set to **Y**, the system includes the liabilities of the spouse/ co-applicant while calculating the debt ratio of the primary applicant.
- The system will use all available credit reports at the time.

#### Subsequent credit pulls (manual)

- To remove duplicate liabilities from the calculation, choose the **Dedup Liabilities** button on the **Underwriting** form (**Applicants** master tab > **Summary** sub screen > **Liability** section). (Potential record locking situations force the action to remain manual versus the system automatically doing it).
- If the Populate Debt and Include Debt boxes are selected in the Applicant/Customer Detail section on the Bureau master tab on the Underwriting form for the credit request and the JOINT\_DEDUP\_SPOUSE\_LIABILITIES/ JOINT\_DEDUP\_ALLAPL\_LIABILITIES system parameters are set to Y, the system will



use the de-duping logic described above to uncheck the duplicate liabilities in the spouse's/co-applicant's liabilities.

- If the DBR\_JOINT\_INC\_DEBT\_WITH\_SPOUSE/ DBR\_JOINT\_INC\_DEBT\_WITH\_COAPL parameters are set to Y, the system will include the liabilities of the spouse/ co-applicant while calculating the debt ratio of the primary applicant.
- The system will use all available credit reports at the time of the request that have been requested within the number of days specified in the DEDUP\_CRB\_EXPIRATION\_DAYS parameter.

### **Restrictions**

The de-duping logic will be limited based upon the discussion above. If the system cannot identify two tradelines as duplicates based upon the logic mentioned above, the individual tradelines will be retained. In such circumstances, both tradelines will be used in the debt ratio calculation and it will be the user's responsibility to disregard one of them by clearing the Include check box.

# 3.6 <u>Correspondence</u>

The Correspondence screen enables you to setup the system's correspondence.

The system provides two types of correspondence: predefined and ad hoc. The following chart provides a quick summary of both:

TYPE OF CORRESPONDENCE:	AD HOC	PREDEFINED
Created automatically		Х
Created manually	X	Х
Generated for accounts	X	Х
Generated for applications	X	Х
Set up with the Correspondence link	X	
Set up with the Letters link on the Product link		Х

This chapter explains how to setup ad hoc correspondence with the Correspondence form.

The Correspondence screens provide a cost-effective and easy to use method to build custom documents that draw information from the system's database without additional programming. You can choose what to include in a letter, create a template, and then use this template to produce a letter.

The core of the Correspondence module is the document element -- the information stored in the database merged into the correspondence. The system has document elements defined for commonly used data elements in correspondence, such as account numbers, account balances, customer addresses, telephone numbers, and due dates.

Correspondence consists of a document file with text of your choice and the document elements from the system's database.

You can create a correspondence set that consists of one or more documents. If a correspondence set consists of more than one document, such as the account details letter and a payment overdue letter, it prints both documents every time the system generates correspondence for a customer.

The Correspondence module creates the following standard ad hoc correspondence:

- Microsoft Word (RTF)
- Adobe Acrobat (PDF/XFDF)



### Note

In this document and in the system, the term BANKERS SYSTEM is synonymous with Adobe Acrobat.

### 3.6.1 <u>Correspondence</u>

The Correspondence screen contains the following sub screens:

- System Functions
- Elements
- E-Form Elements
- Documents
- Correspondence

#### Navigating to Correspondence

1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup** > **Administration > User > Correspondence.** 

## 3.6.1.1 System Functions

The System Functions screen enables you to view the predefined functions for the appropriate Line of credit product in the system. These are attributes from the database.

Functions define how the system retrieves data to include in correspondence. The data is retrieved as elements which are either specific database columns or calculated values. Elements are recorded on the Elements screen.

#### To view the predefined system functions

- 1. Click Setup > Setup > Correspondence > Line of credit > System Functions.
- 2. In the Function Definition section, you can view the following information.

DashBoard	Correspondence ×		×
Drigination	Common Loan Line Lease		
Servicing			
Collections	System Functions Elements E-Form Elements Documents Correspondence		
VFP	Function Definition		
ools	View 🗸 Format 🗸 🔛 Freeze 🚮 Detach 🚽 Wrap 🚱		
ID	Function Name Description	Function Type	Source Program
tup	GET_ACC_112_DTLS Get ACC Details (Loan OE)	COR_ELM_PROC	CGNACC_EL_112_01
Administration	GET_APP_112_DTLS Get APP Details (Loan OE)	COR_ELM_PROC	CGNAPP_EL_112_01
	GET_APP_ADC_112_DTLS Get Application Decisions (Loan Open Ended)	COR_ELM_PROC	CGNADC_EL_112_01
4 System	GET_APP_CON_112_DTLS Get Application CON Details (Loan OE)	COR_ELM_PROC	CGNACO_EL_112_01
System Parameter	GET_CON_112_DTLS Get_CON Details (Loan OE)	COR ELM PROC	CGNCON EL 112 01
Lookups			
User Defined Tables			
Audit Tables	Function Parameters		
User Defined Defaults			
Transaction Codes	View 🕶 Format 🕶 🔛 👘 Freeze 🚮 Detach 🛛 🖓 Wrap 🖓		
Data Files	Position Parameter Description		
Dedupe	1 iv_L0_ACC_id Account ID		
Securitization	2 iv_name_ar Parameter Name		
Events	3 iv_value_ar Parameter value		
Batch Jobs			
Producer Cycles			
Vendors			
Collection Cycles			
Reports			
Error Messages			
Translations			
⊿ User			
Organization			
Companies			
Access			
Users			
Credit Bureau			
Correspondence			
General Ledger			
Queues			
Printers			
Bank Details			
Check Details			
Standard Payees			
Standard Payees			
Standard Payees Currencies			



A brief description of the fields is given below:

Field:	View this:			
Function Name	Displays the function name.			
Description	Displays the function description.			
Function Type	Displays the function type.			
Source Program	Displays the source program.			

3. In the Functions Parameters section, you can view the following information.

A brief description of the fields is given below::

Field:	View this:
Position	Displays the parameter position.
Parameter	Displays the function parameter.
Description	Displays the function parameter description.

# 3.6.1.2 Elements

The Elements screen displays the predefined document elements retrieved from the database when the correspondence is generated.

In the Element Definitions section, you can update or edit only the Description field.

### To view the Elements

1. Click Setup > Setup > Administration > User > Correspondence > Line of credit > Elements



2. On the **Element Definitions** screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. You cannot add a new record.

DashBoard	G	orrespondence ×					
Origination	C	ommon Loan	Line Lease				
Servicing							
-		System Functions	Elements E-Form Elements Documents Co	rrespondence			
Collections							
WFP		Elements				/ Ed	it 📃 View 🔗 Audit
Tools		View - Forma	t 🗸 📑 🔲 Freeze 🚰 Detach 🛛 🖨 Wrap	ଜ୍ଞ			
etup		Level0 Type	Element Name	Element Type	Description	Data Type	Source Function
		ACC	ACC_ACCRUAL_DT_LAST_112	5	ACCOUNT ACCRUAL DT LAST TEST	DATE	GET_ACC_112_DTL
Setup		ACC	ACC_ACCRUAL_DT_START_112	S	ACCOUNT ACCRUAL DT START	DATE	GET_ACC_112_DTL
4 Administration		ACC	ACC_ADV_AMT_LAST_112	S	ACCOUNT ADVANCE AMT LAST	NUMBER	GET_ACC_112_DTL
⊿ System		ACC	ACC_ADV_DT_LAST_112	S	ACCOUNT ADVANCE DT LAST	DATE	GET_ACC_112_DTL
System Parameter		ACC	ACC_CHGOFF_NEXT_FOLLOWUP_DT_112	5	ACCOUNT CHGOFF NEXT FOLLOWUP DT	DATE	GET_ACC_112_DTL
Lookups		ACC	ACC CR CONSUMED 112	S	ACCOUNT CREDIT CONSUMED	NUMBER	GET ACC 112 DTL
User Defined Tables		ACC	ACC_CR_HOLD_112	S	ACCOUNT CREDIT HOLD	NUMBER	GET_ACC_112_DTL
Audit Tables		ACC	ACC_CR_LMT_CUR_112	S	ACCOUNT CREDIT LMT CUR	NUMBER	GET_ACC_112_DTL
User Defined Defaults		ACC	ACC_CR_OVERLMT_COUNT_LIFE_112	S	ACCOUNT CREDIT OVERLMT COUNT LIFE	NUMBER	GET_ACC_112_DTL
Transaction Codes		ACC	ACC_CR_OVERLMT_COUNT_YEAR_112	S	ACCOUNT CREDIT OVERLMT COUNT YEAR	NUMBER	GET_ACC_112_DTL
Data Files		ACC	ACC_INT_ACCRUED_AMT_112	S	ACCOUNT INT ACCRUED AMT	NUMBER	GET_ACC_112_DTL
Dedupe		ACC	ACC_LOAN_AMT_112	S	ACCOUNT LOAN AMT	NUMBER	GET_ACC_112_DTL
Securitization		ACC	ACC_MRATE_CUR_112	S	ACCOUNT MRATE CUR	NUMBER	GET_ACC_112_DTL
Events		ACC	ACC_RATE_BUY_EFFECTIVE_112	S	EFFECTIVE RATE REQUIRED	NUMBER	GET_ACC_112_DTL
Batch Jobs	4	ACC	ACC_RATE_CUR_112	S	ACCOUNT RATE CUR	NUMBER	GET_ACC_112_DTL
Producer Cycles		ACC	ACC_RATE_EFFECTIVE_112	S	EFFECTIVE RATE	NUMBER	GET_ACC_112_DTL
Vendors		ACC	ACC_RATE_EFFECTIVE_CUR_112	S	EFFECTIVE BUY RATE	NUMBER	GET_ACC_112_DTL
Collection Cycles		ACC	ACC_RATE_START_YEAR_EFFECTIVE_112	S	EFFECTIVE RATE AT YEAR START	NUMBER	GET_ACC_112_DTL
Reports		ACC	ACC_REPMT_FIXED_PRINCIPAL_AMT_112	S	REPAYMENT FIXED PRINCIPAL AMOUNT	NUMBER	GET_ACC_112_DTL
Error Messages		APP	ADC ADV AMT 112	s	APPLICATION DECISION ADVANCE AMT	NUMBER	GFT APP ADC 115
Translations		<					,
✓ User Organization		Elements					
Companies		ciements			Save		re and Return 🛛 😂 Return
Access					Cave .	and Stay 🖂 Sav	e and keturn
Users			Level0 Type ACC	* Description ACCC	OUNT ACCRUAL DT LAST TEST	Enabled ¥	
Credit Bureau			Element Name ACC ACCRUAL DT LAST 112			Default Value	
Correspondence			Element Type S	Data Type DATE		Derudic Value	
General Ledger			crement rype b	Source Function GET_	ACC_112_DTLS		
Queues							
Printers							
Bank Details							
Check Details							
Standard Payees							
Currencies							
Zip Codes							
4 Products							

A brief description of the fields is given below:

Field:	Do this:			
Level0 Type	Displays the element Level0 type.			
Element Name	Displays the element name.			
Element Type	Displays the element type.			
Description	Specify the element description.			
Data Type	Displays the element data type.			
Source Function	Displays the element function.			
Enabled	Displays if the element is enabled or not.			
Default Value	Displays the default value.			

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 3.6.1.3 <u>E-Form Elements</u>

The E-forms Elements screen defines elements included when the system generates online correspondence with a browser. The E-forms screen is set up only for PDF elements using the XFDF format. These definitions translate the external element required by the vendor to a systems correspondence element.



For example,

Туре	Details
Vendor Element	AllBorrowers.FullNameStreetCityStateZip
	(Contains names of all borrowers with address of primary customer)
The system's Elements	PRIM_APL_NAME
	SPOUSE_APL_NAME
	PRIM_APA_ADDRESS1
	PRIM_APA_ADDRESS2
	PRIM_APA_ADDRESS3
Translation:	PRIM_APL_NAME    ', '    SPOUSE_APL_NAME    ', '    PRIM_APA_ADDRESS1    '; '   PRIM_APA_AD- DRESS2    '; '    PRIM_APA_ADDRESS3

### To setup the E-forms Elements

- 1. Click Setup > Setup > Administration > User > Correspondence > Line of credit > E-Form Elements
- 2. In the **E-form Elements Definitions** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Financial Services Len	iding and Leasin	g					<b>A</b>	Welcome, DEMOSUPR •	
> DashBoard	Correspondence ×								X
> Origination	Common Loan Lir	Lease							
Servicing									
Collections	System Functions	Elements E-Form	Elements Documents	Correspondenc	e				
WEP	E-Form Eleme	nte					de add	🖉 Edit 🔲 View	
Tools	View - Format -		e 🚮 Detach 🚽 W	rap 🚷			1 200	P gate in them	O Highlin
Setup	Level0 Type	Source Code	Element Name		Description	Data Type Code	Translation		Enabled
Setup									N
Administration     System     System Parameter	ACCOUNT	OFSLL	CLOSE ACCOUNT		ACCOUNT CLOSING FO	R TEST INTEGER	123		Y >
Lookups User Defined Tables Audit Tables	E-Form Eleme	nts				Save and Add	Save and Stay	Save and Return	Seturn
User Defined Defaults	*1	-		* Description				* Enabled	
Transaction Codes	* Level0			* Data Type		<b>V</b>			
Data Files Dedupe	* Source * Element I		<b>v</b>	Code * Translation		•			
Batch Jobs Producer Cycles Collection Cycles Reports Error Messages Tandlations User Organization Companies Acces									
Users Credit Burasu Correspondence General Ledger Qeues Panters Bank Details Check Details Standard Payees Qurrencies Zip Codes # Products Aset Types									

A brief description of the fields is given below:

Field:	Do this:
Level0 Type	Select the element Level0 type from the drop-down list.



Field:	Do this:
Source Code	Select the element e-form source code from the drop-down list.
Element Name	Specify the element name (the name used in the external form).
Description	Specify the element description.
Data Type Code	Select the element data type code from the drop-down list.
Translation	Select the translation for the e-form element (SQL statement frag- ment defining the element data), from the drop-down list.
Enabled	Check this box to enable the e-form element.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## 3.6.1.4 Documents

The Documents screen enables you to set up the various documents and the data fields that the system compiles together when creating a correspondence. The system provides two different document formats: Word or XFDF: XML-based form.

#### Note

Oracle Financial Services Software assumes that the user is familiar with Word and the Merge Document command. If the user is creating e-form documents with XFDF, then Oracle Financial Services Software assumes that person is familiar with Adobe forms.

### To setup documents to be compiled in correspondence

1. Click Setup > Setup > Administration > User > Correspondence > Line of credit > Documents.



2. In the **Document Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Correspondence ×								
Origination	Common Loan Line	Lease							
Servicing	System Functions Ele	ments E-Form Flen	ents Documents Cor	respondence					
Collections	Sydean Tencerona En	andrica Chionni Eldi	Documents Cor	respondence					
WFP	Documents Defi	nition						🕂 Add 🥒 Edit	View 🖉 Audit
Tools	View - Format -	Freeze	Detach 🚽 Wrap	Ga 🙆 Gen	Data File				
etup	Code	Description		le Name	Level0 Type	E-Form Source	Product	Source	Enabled
Producer Cycles	Documents Defi * Code * Description * File Name Document Elem View + Format + Seq Ty No data to display.	ents	Detach d Wrap Element Name	* Level0 Ty * E-Form Sour * Produ	ct ALL	Data Type	and Add 💽 Save	and Stay Save a Source ORACLE: BI F Enabled Add Default Value	and Return 🖓 Beturn PUBLISHER 🔽 Usew & Audit Enabled
Vendors Collection Cycles Reports Error Messages // User Companision Companision Companision Companision Companision Companision Companision Companision Company Compa	Document Tem Vew + Format + File Name No data to display.		ିଆ Detach ୁଧ୍ୟ Wrap Outomer State	Producer State		App/Acc St	New Templet	din Add Edit te Loaded	Uew Audit Enabled

A brief description of the fields is given below:

Field:	Do this:
Code	Specify the document code to define the name for the new document.
Description	Specify the document description for the new document. This entry appears in the <b>Correspondence</b> section on the Request screen, when you generate an ad hoc correspondence.
File Name	Specify the document file name for the resulting file (Word or XFDF document).
	Ensure that the name specified here is same as the BIP Template name since system refers to this file name for generating the corre- spondence.
Level0 Type	Select the level0 type from the drop-down list.
E-form Source	Select the element e-form source from the drop-down list.
Product	Select the document product from the drop-down list.
Source	Select the document source type from the drop-down list.
Enabled	Check this box to enable the document definition.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

4. In the **Document Elements** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:
Seq	Specify the sequence number to order the document elements.
Туре	Select element type from the following from the drop-down list. This list provides the following options:
	<i>System-defined</i> – If you select, the value is supplied by the system and cannot be changed in the Correspondence Request screen.
	Constant.
	<i>User Defined Element</i> – If you select, you can choose the value and change it in the Correspondence Request screen.
	<i>User Defined Constant</i> – If you choose, you can choose the value, but you cannot change it in the Correspondence Request screen.
	<i>Translated Element</i> – If a document contains an e-form element and you do not select this option, then the value will not be translated.
Element Name	Select the element name from the drop-down list.
Description	Specify element description.
	Notes:
	1. Check that the element name does not have blank spaces or special characters, such as the forward slash "/" or backward slash "\".
	2. If the element is system-defined, then the system will automati- cally complete this field.
Data Type	Select the element data type from the drop-down list.
Format Mask	Select the element format mask from the drop-down list.
Default Value	Specify the element default value.
Enabled	Check this box to include the element in the document.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

6. In the **Document Template** section, you can set the information about the template which is attached to the correspondence documents. The template thus saved is similar to the template functionality available in MS word. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
File Name	Specify the file name to define the name for the new template.
Product	Select the product for which the template is valid, from the drop- down list.
Customer State	Select the customer state for which the product is valid, from the drop-down list.



Field:	Do this:
Producer State	Select the Producer state for which the product is valid, from the drop-down list.
App/Acc St	Select the Applicant/Account state for which the product is valid, from the drop-down list.
New Template	Check this box to load the template as a new template.
Loaded	Check this box to indicate that the template is loaded.
Enabled	Check this box to enable the template.

#### Note

You can define multiple templates for each document and the template file name (BIP template) is picked based on following criteria – Product and Producer / Account / Customer State.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

The Document Elements sub screen records the system's application or account information that appears in the ad hoc correspondence

#### To generate a data file for a document

- In the Document Definition section of Setup > Setup > Administration > User > Correspondence > Line of credit > Documents, select the record for which you want to generate a data file.
- 2. Click Gen. Data File button.

The system displays a new screen with the following options:

Opening CODE1	1	23
You have chosen to open:		
🔁 CODE1		
which is a: Adobe Acrobat Document		
from: https://10.184.132.155:7013		
What should Firefox do with this file?		
Open with Adobe Acrobat (default)		-
Save File		
Do this <u>a</u> utomatically for files like this from now on.	č.	
ОК	Cano	cel

- Open with Select to view the data file in the format you want. The adjacent drop-down list provides a list of formats compatible with the system. The system downloads the file and displays it.
- Save File Select to save the data file on your system.



3. Check the box **Do this automatically for files like this from now on** to apply selected properties for the files which are similar to the current one.

## 3.6.1.5 <u>Correspondence</u>

The Correspondence screen enables you to define who will receive the documents you created on the Document Definition screen by creating correspondence sets. Each document must belong to a set, and a set can have more than one document.

#### To set up a correspondence set

- 1. Click Setup > Setup > Administration > User > Correspondence > Line of credit > Correspondence. The correspondence setup is classified into two:
  - Documents
  - Functions
- 2. In the **Correspondence** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Correspondence ×									2
Origination	Common Loan Line Le	ase								
Servicing	Catalog Davations   Theorem	The second second	C							
Collections	System Functions Element	s E-Form Elements Documents	Correspondence							
WFP	Correspondence						de se	d 🖉 Edi	t <u>V</u> iew	A Audit
Tools	View - Format -	Freeze 🗃 Detach 🚽	Wrap 🚱				-1- <u>A</u>		r Alew	V Aguit
etup	Code	Description	and all	Print Schedule	Level	Group		Company	Branc	h
Setup										
4 Administration	TEST2	TEST2		ONLINE	ACCOUNT	01 COLLECT		ALL	ALL	
⊿ System	TEST3	TEST3		ONLINE	ACCOUNT	01 CUSTOM	ER SERVICE SET	ALL	ALL	>
System Parameter										
Lookups User Defined Tables	Correspondence									
Audit Tables						Save and Add	Save and Sta	/ 🕅 Sav	e and Return	A Return
User Defined Default								0.0		4-2
Transaction Codes	* Code			Level ACCOUNT		~	* Branch	ALL		~
Data Files Dedupe	* Description			Group		~	* Product	411		~
Securitization	* Print Schedule			mpany ALL		~	* Enabled			
Events				mpany ALL		•	LINDIG			
	Documents Functions									
Producer Cycles Vendors										
Collection Cycles	Documents						d <b>⊫</b> <u>A</u> dd		View	✓ Audit
Reports	View 👻 Format 👻	Freeze 🔂 Detach	서 Wrap 🚯							
Error Messages	Documents	Recipient						Inc	lude	
Translations	No data to display.									
▲ User										
Organization										
Organization Companies										
Organization Companies Access Users Credit Bureau										
Organization Companies Access Users Credit Bureau Correspondence										
Organization Companies Access Users Credit Bureau Correspondence General Ledger										
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues										
Organization Companies Access Users Oredit Bureau Correspondence General Ledger Queues Printers										
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Pinters Bank Details										
Organization Companies Access Users Credit Bureau Correspondence General Ledger Queues Printers Bank Details Check Details										
Organization Companies Access Users Credit Bureau Correspondence General Ladger Queues Printers Bank Details Check Details Standard Payees										
Organization Companies Access Users Credit Burcau Correspondence General Ledger Queue Printers Bank Details Check Obtails										

A brief description of the fields is given below:

Field:	Do this:
Code	Specify the correspondence code.
Description	Specify the correspondence description (required).
Print Schedule	Select the correspondence output schedule type from the drop- down list.
Level	Select the correspondence level type from the drop-down list.
Group	Select correspondence group from the drop-down list.
Company	Select the correspondence company from the drop-down list.



Field:	Do this:
Branch	Select the correspondence branch from the drop-down list.
Product	Select the correspondence product from the drop-down list.
Enabled	Check this box to enable the correspondence.

- 3. Perform any of the **Basic Actions** mentioned in Navigation chapter.
- 4. Click Setup > Setup > Administration > User > Correspondence > Line of credit > Correspondence > Documents.
- 5. In the **Documents** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Document	Select the correspondence document from the drop-down list.
Recipients	Select the recipients for the document from the drop-down list.
Enabled	Check this box to enable the recipient selected.

6. Perform any of the **Basic Actions** mentioned in Navigation chapter.

- 7. Click Setup > Setup > Correspondence > Line of credit > Correspondence > Functions.
- In the Functions sub screen, you can define the functions that should be executed before or after correspondence is generated. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Function	Select the correspondence functions from the drop-down list.
Execute When?	Select when to execute the correspondence function from the drop-down list.

9. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 3.6.2 <u>Creating Correspondence</u>

- 1. To create a correspondence add a record in the document definition block. *For example:* SAMPLE\_LOAN\_APP
- 2. In the **Document Elements** section, add the elements required in the correspondence.



3. Click on Gen.Data File to generate PDF file of the report.

SAMPLE_LOAN_APP (1).pdf - Adobe Reade File Edit View Window Help	a management of the			- D ×
	1 /1 - 10% < 5 / 20 / 20 / 20 / 20 / 20 / 20 / 20 /	Tools	Sign	Commen
CREFI <pcrefi< p=""> <pcref< td=""><td>ACCCC nancial Services Lending and Leasing Version="1.0" encoding="UTF-8" ?&gt; thema xmlns:xs="http://www.v3.org/2001/XMLSchema" version="1.0"&gt; ement name="SAMPLE_LOAN_APP"&gt; ement name="PRIM_APL_BIRTH_DT" type="xs:string"/&gt; ement name="APP_REQ_ADV_AMT_100" type="xs:string"/&gt; ement name="APP_APPROX_CASH_PRC_111" type="xs:string"/&gt; ement name="APA_ADPRESS_100" type="xs:string"/&gt; ement name="APA_ADDRESS1" type="xs:string"/&gt; ement name="APA_ADDRESS1" type="xs:string"/&gt; ement name="APA_ADDRESS1" type="xs:string"/&gt; ement name="APA_ADDRESS3" type="xs:string"/&gt; ement name="APE_ADDRESS3" type="xs:string"/&gt; ement name="APE_ACTUAL_MTHLY_AMT" type="xs:string"/&gt; ement name="APP_PP_RO_NAME" type="xs:string"/&gt; ement name="APP_ACTUAL_MTHLY_AMT" type="xs:string"/&gt; ement name="APA_ADP_ACTUAL_TTHLY_AMT" type="xs:string"/&gt; ement name="APA_ADP_ACTUAL_TTHLY_AMT" type="xs:string"/&gt; ement name="APA_ADPA_ADPACTUAL_TTHLY_AMT" type="xs:</td><td></td><td>4</td><td></td></pcref<></pcrefi<>	ACCCC nancial Services Lending and Leasing Version="1.0" encoding="UTF-8" ?> thema xmlns:xs="http://www.v3.org/2001/XMLSchema" version="1.0"> ement name="SAMPLE_LOAN_APP"> ement name="PRIM_APL_BIRTH_DT" type="xs:string"/> ement name="APP_REQ_ADV_AMT_100" type="xs:string"/> ement name="APP_APPROX_CASH_PRC_111" type="xs:string"/> ement name="APA_ADPRESS_100" type="xs:string"/> ement name="APA_ADDRESS1" type="xs:string"/> ement name="APA_ADDRESS1" type="xs:string"/> ement name="APA_ADDRESS1" type="xs:string"/> ement name="APA_ADDRESS3" type="xs:string"/> ement name="APE_ADDRESS3" type="xs:string"/> ement name="APE_ACTUAL_MTHLY_AMT" type="xs:string"/> ement name="APP_PP_RO_NAME" type="xs:string"/> ement name="APP_ACTUAL_MTHLY_AMT" type="xs:string"/> ement name="APA_ADP_ACTUAL_TTHLY_AMT" type="xs:string"/> ement name="APA_ADP_ACTUAL_TTHLY_AMT" type="xs:string"/> ement name="APA_ADPA_ADPACTUAL_TTHLY_AMT" type="xs:		4	

- 4. Copy and save the content in the pdf file as an xml file. The saved xml file should have the same name as entered in the Code column of Document Definition section. *For Example:* SAMPLE\_LOAN\_APP.xml.
- 5. Open MS Word.

#### Note

Oracle Financial Services Software assumes that BIP Desktop Tool is installed and the user is familiar with the BIP Report Tool.

6. In BI Publisher Tab in MS Word, click on Sample XML and import the saved xml file. *For Example:* SAMPLE\_LOAN\_APP.xml.



7. Create the template by inserting required elements tag.

			atibility Mode] - Microsoft Word
Home Insert Page Layout	References Mailings Review View	Developer	BI Publisher
Arial	• 12 • A A →	∰ ∰ <b>2</b> ↓ ¶	Aubocci Habocci Habocci Habocci
te 📝 Format Painter 🖪 I 🗓 🗸 a	abe x, x' Aa* 🖄 Aa* 📑 🚍 🗮	=• 🖄 • 🖽	I Normal I No Spaci Heading 1 Heading 2 Title Subtitle Styles + Select + + Selec
Clipboard 🕞	Font Paragra		Styles 😡 Editing
· · · · · · · · · · · · · · · · · · ·		3	1 * * * 4 * * * 1 * * * 5 * * * 1 * * * 6 * * * 1 * * * 7 * * * /
	APPLICATION FOR PURCHASE	OF ASSET	Financial Services Lending and Leasing
	LOAN AP	PLICATION	BANK FOR PURCHASE OF ASSET
	Requested Loan Amount	:	APP_REQ_ADV_AMT_100
	Dealer	:	APP_PRO_NAME
	Approx Value of Asset	:	APP_APPROX_CASH_PRC_111
	Description of Asset	:	ASE_APP_DESC_100
	Name of Applicant		PRIM_APL_NAME
	Date of Birth		PRIM APL BIRTH DT
	SSN		PRIM APL SSN
	Name & Address of Employer	85	APE NAME
			APE ADDRESS1
			APE ADDRESS2
			APE ADDRESS3
	Employer Phone	:	APE PHONE
	Monthly Salary (Gross)		APE ACTUAL MTHLY AMT
	Number of dependants		APL NO OF DEPENDENTS
	Residence Address		APA ADDRESS1
	Acoucile Address		APA_ADDRESS1
			APA_ADDRESS2 APA_ADDRESS3
	Address Phone		
			APA_PHONE
	E-mail	-	APL_EMAIL_ADDRESS1

8. The template created in MS Word should be saved with **.rtf** extension. *For Example*: SAMPLE\_LOAN\_APP.rtf

#### Note

The **.xml** and **.rtf** file should be saved with the same name as entered in the 'Code' column of Document Definition section.

- 9. Upload the rtf template in the BIP and create the data model with SQL query as "select CDO\_XML\_DOCUMENT from correspondence\_docs where cdo\_id = :docld".
- 10. After the data model creation, launch the correspondence screen and click Correspondence tab.
- 11. You can setup a correspondence with the created doc.

# 3.6.3 Generating Correspondence

- 1. To generate a correspondence open the application for which the correspondence should be generated.
- 2. Click Correspondence tab. In the Correspondence section, click on Add.



3. Select the created **Correspondence.** Click **Save and Add** to save and add a new record. Click to **Save and Return** save and return to main screen. Click **Return** to return to main screen without modifications.

igination Sales Lead		Underwriting: 0000001										6
igination Sales Lead		Search/Task Underwriting: 0000001050 Review Requests (Pending: 0)										
Origination ▲ Origination Safe Lad Simple Application Sitny Application Entry Linderwriting Funding Application Determental Scenaria Analysis Application Determents Image Haitmance Reports Produces Vendors	View + F Dt 04/06/21 4 Summary Corresp	App #	ee Detach Sub Unit UNDEFINED	R / TODD Wap 👰 Override ( Status NEW - REVIEW REQUIRED ureau Collisteral Commen	Origination Stage Code REVIEW	Producer Name PR-00002 : PORSCHE INDU.		Duplicate Application Y	Contact	Edit Sales Agent DEMOSALES	Yiew Aag	Prov
	View	Format  Format	ence	لي Wrap 🙀	-	-	-	Save and	Add 📄 🕞 Save and Str	ay 🔒 Save and	Date 02/09/2016 12/23/2015	m
	Docu	ments	* Correspor	dence	۲				Date 02/09/2016			
ervicing	View	🔹 Format 👻 📑	Freeze 🛃 Detach	🚽 Wrap 🚯								
llections P	No data	Document Id Document to display.				Recipient	E-	Form Source	Source Type	5	ielected Generat	ed

4. Click **Generate** to generate the selected correspondence and **View Correspondence** to view the Correspondence in PDF format.

LOAN A	PPLICATIO	BANK N FOR PURCHASE OF ASSET
Requested Loan Amount	:	20000.00
Dealer	:	
Approx Value of Asset	:	.00
Description of Asset	:	2005 TOYOTA CAMRY
Name of Applicant	:	ANDREW WATT
Date of Birth		07/15/1975
SSN	:	XXXXX2147
Name & Address of Employer	:	
		58, EAST 19TH STREET
		HOLTSVILLE NY 00544
Employer Phone	:	0
Monthly Salary (Gross)	:	552230.00
Number of dependants	:	0
Residence Address	:	34, WEST 69TH ST N BCH N
		NEW YORK MA 01730 US
Address Phone	:	0
E-mail	:	ANDREW.WATT@XYZ.COM
I declare that the information given	in the applicatio	on is true to the best of my knowledge and belief



# 3.7 <u>Queues</u>

When processing an application, various users might work on the application to complete different tasks. A data entry person might complete the Application Entry screen before an underwriter works on the application using the Applications screen. Later, another user might use the Applications screen to fund the application.

The application processing workflow facilitates the movement of the application from one person to another with queues. Queues create a work section of accounts waiting for a particular and common task to be performed, such as application entry or verification. The system's powerful queuing module automates this otherwise manual process.

In the Queues setup screen, you can setup and manage workflow and work assignments on a daily basis to ensure that all applications are in the queues of the appropriate users at all times.

Any time an application's status is changed, the system checks whether the application is in the right queue.

The system will sort queues based on an application's status and sub status.

# 3.7.1 Origination Tab

The Origination screen on the Queue Setup form allows you to set up queues that direct applications to users during the loan origination cycle. Origination queues are based on an application's status and sub status. Whenever an application changes its status/sub status, the system moves the application to a queue based on the information on this screen.

You can define the loan origination queues and the corresponding selection criteria based on:

- Application status
- Application sub status
- Product type
- Funding type
- Product
- Underwriter
- State
- Channel
- Producer type
- Producer

With loan origination queues set up, the applications in your work queue automatically appear on the Results screen when you open the Underwriting or Funding screen. The queue to which you are assigned appears in the Queue Name field. You would then begin processing the applications in the order of which they are listed, double-clicking the application at the top of the list to load it.

On the **Setup > Setup > Queues** screen, you can determine the direction of the applications to users who process then. Whenever there is a change in the status or sub status of the application, the system places the application in a appropriate queue based on the information available in this screen.

Applications are further filtered based on the following criteria:

Selection Criteria



- Sort Order
- Responsibilities and Users
- Data Node Assignments
- Group Assignment

#### **To setup Origination Queues**

You can either define new Queue Definition details or specify a new name in the **New Queue** field and click **Create Copy** to create a copy of selected queue definition with header and child tab details (except Group Assignment tab).

- 1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup** > **Queues > Origination**.
- 2. In the **Origination Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

eues ×									(
igination Criteria Ba	sed Condition	Customer Service	e Call Action R	esults Activity Trackin	User Groups				
ueue Definition							👍 Add 🥖 Edi	t 📃 View 🔗 Au	dit
View 👻 Format 👻	Freeze	Detach	🖉 Wrap	New Queue		Create Copy			
Queue Name		Queue Desc		Override Responsibi	ility	Priority Company	Branch	Enabled	
DATA_ENTRY_QUEUE		DATA ENTRY	APPLICATIONS Q	NO RESPONSIBILIT	γ	1 ALL	ALL	Y	-
TST_NEW_APP_QUEU	E	NEW APPLICA	TIONS QUEUE	NO RESPONSIBILIT	Y	1 ALL	ALL	N	
TESTABHI231		DATA ENTRY	APPLICATIONS Q	NO RESPONSIBILIT	Υ	1 ALL	ALL	N	
TEST011		DATA ENTRY	APPLICATIONS Q	NO RESPONSIBILIT	Y	1 ALL	ALL	N	
NEW_APP_QUEUE		NEW APPLICA	TIONS QUEUE	NO RESPONSIBILIT	γ	1 ALL	ALL	Y	
NEW APP_MAC			TIONS QUEUE	NO RESPONSIBILIT		1 ALL	ALL	N	
APPROVED_APP_QUE	UE			P NO RESPONSIBILIT		2 ALL	ALL	Y	
REJECTED_QUEUE		REJECTED AP	PLICATIONS QUE	NO RESPONSIBILIT	Y	3 ALL	ALL	Y.	*
Selection Criteria S	ort Responsibili	ties and Users	Data Node Assi	gnments Group Assig	Inment				
Application Status	Selection Criteria	а							
Application Stat							🕂 Add 🥖 Edit	☐ View ✓ Audit	
View - Format -	Free Tree	ze 🚮 Detach	n ⊲⊟ Wrap	ଜିଥ					
Status	Sub Status							Enabled	
NEW	BACK TO DEAL							Y	
NEW	ENTRY COMPL	ETE						Y	
NEW	PREQUALIFY							Y	
NEW	PREQUALIFY A	PPROVED						Y	
NEW	PRESCREEN							Y	
NEW	PRESCREEN AF	PROVED						Y	
NEW	BLANK							Y	

A brief description of the fields is given below:

Field:	Do this:
Queue Name	Specify queue name.
Queue Description	Specify queue description.
	<b>Note</b> : The system uses this entry when referring to the queue on other forms.
Override Responsibility	Select an override responsibility code from the drop-down list.
	The system uses this data to determine the User who holds the override responsibility for the specified queue, if an application triggers an "override" edit.
Priority	Specify the priority number.
	The system sorts applications by the higher number. For example, an application with a priority # 5 is considered to have a higher priority than the one with a priority # 3.



Field:	Do this:
Company	Select the company from the drop-down list.
Branch	Select the branch drop-down list.
Enabled	Check this box to enable the queue.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 3.7.1.1 <u>Selection Criteria</u>

Here, you can further filter the applications in a particular queue. This criteria is generally used by organizations to categories and allocate large number of applications to different queues.

#### Note

If you want to execute search on like operators, then use '%'.

#### **To setup Selection Criteria**

- 1. Click Setup > Setup > Queues > Origination > Selection Criteria > Application Status
- 2. In the **Application Status** section, use the **Status** and **Sub Status** fields to define the credit application status/sub status combinations that should be considered for the queue.
- 3. To setup, perform any of the Basic Operations mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Status	Select application status from drop-down list.
Sub Status	Select application sub status drop-down list.
Enabled	Select the check box to enable the application status.

4. Perform any of the Basic Actions mentioned in Navigation chapter.

#### Note

All is the default value for each field.

- 5. Click Setup > Setup > Queues > Origination > Selection Criteria > Selection Criteria. In the Selection Criteria section, use the fields to define the credit application that should be considered for the queue.
- 6. To setup, perform any of the Basic Operations mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Product Type	Select the product type as loan from the drop-down list.
Funding Type	Select funding type from the drop-down list.
Product	Select product from the drop-down list.



Field:	Do this:
State	Select state from the drop-down list.
Channel	Select channel from the drop-down list
Underwriter	Select underwriter from the drop-down list.
Producer Type	Select producer type from the drop-down list.
Producer Group	Select producer Group from the drop-down list
Producer	Select producer from the drop-down list.
Region	Select region of the producer from the drop-down list.
Territory	Select territory of the producer from the drop-down list.
Sales Agent	Select sales agent for the producer from the drop-down list.
Funder	Select funder for the producer from the drop-down list.

7. Perform any of the Basic Actions mentioned in Navigation chapter.

## 3.7.1.2 Sort

In the Sort sub tab of Queue Definition, the new applications which are in origination queue are displayed here based on sort criteria defined. In case of any overrides, applications would be sorted automatically without the need of a setup definition. However, there is no impact if sort is not defined for a queue.

### To setup Sort Criteria

- 1. Click Setup > Setup > Queues > Origination > Selection Criteria > Sort
- 2. In the **Sort** section, use the Seq, Sort field, and Order to rearrange the queue.
- 3. To setup, perform any of the **Basic Operations** mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Seq	Specify the sequence number representing the sorting priority.
Sort Field	Select the sort criteria from the list of parameters available in the drop- down list.
Order	Select either 'ascending' or 'descending' as the sort order.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

### 3.7.1.3 Responsibilities and Users

- 1. Click Setup > Setup > Queues > Origination > Responsibilities and Users.
- 2. In the **Responsibilities** section, use the **Responsibilities** field to define the responsibilities roles which are authorized to work on the queues.
- 3. To setup, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:
Responsibility	Select the responsibility from the drop-down list.
Enabled	Check this box to enable the responsibility.

- 4. Perform any of the Basic Actions mentioned in Navigation chapter.
- 5. In the **Users** section, use the **User** field to define the users who are authorized to work on the queue.
- 6. To setup, perform any of the **Basic Operations** mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
User	Select user from the drop-down list.
Enabled	Check this box to enable.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.7.1.4 Data Node Assignments

Data node Assignments provides user with the flexibility to view the tabs in origination. User will have option to enable disable Tabs. All the enabled tabs will be displayed when application is in that particular queue. Disabled tabs for the tabs will not be shown when applications is in respective queue.

For example: Application entry Queue

If summary tab to be disabled, the search for the ULN Summary tab and Disable. IN application Entry summary will not be shown

- 1. Click **Setup > Setup > Queues > Origination > Node Assignments.** You can enable the administrator to configure the User interface nodes that should be made available for the applications that are being processed in that particular origination queue.
- 2. In the **Node Assignments** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Node	Select the node from the drop-down list.
Enabled	Check this box to enable the record.

- 3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 4. Click Load Queue Nodes to display the respective UI nodes in the origination module.

## 3.7.1.5 Group Assignment

The Group Assignment sub tab allows you to add user groups to Origination Queue.



#### Note

Modification of user details (adding or disabling users) within a user group which is added to Group Assignment will implicitly be updated in Responsibilities and Users tab also.

#### To add User Group to Group Assignment

- 1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Administration > User > Queues > Origination > Group Assignment**.
- 2. In the **User Group** section, Click **Add**. You can also perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Group Name	Select the user group name from the drop-down list. The list displays the pre-defined user groups available in the system.
Enabled	Check this box to enable the user group.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 3.7.2 User Groups Tab

The User Groups tab in Queues is a centralized repository which allows you to define user groups, add and remove users from user groups.

The User Groups tab consists of User Group Definition section listing the defined User Groups and User section below listing the associated users of the selected User Group.

> DashBoard	Queues ×			
> Origination	Origination Customer Service Call Action Results User Groups			
Servicing				
Collections	User Group Definition	User Group Definition		
> WFP	View 🔻 Format 👻 🔛 Freeze 🎦 Detach 실 Wrap 🔞			
Tools	Name Description	Responsibility		
Setup	GROUP1 GROUP1	SUPERUSER  UNDERWRITER		
	UW_GROUP1 UW_GROUP1  CS_GROUP1 CS_GROUP1	CUSTOMER SERVI		
Setup	CS_GROUP2 CS_GROUP2	CUSTOMER SERVI		
<ul> <li>Administration</li> </ul>	CS_GROUP3 CS_GROUP3	CUSTOMER SERVI		
<ul> <li>System</li> <li>User</li> </ul>				
Organization				
Companies	User			
Access				
Users	Users	👍 Add 🥖 Edit 📄 View 🖌 Audit		
Credit Bureau				
Correspondence	View 🔻 Format 👻 📰 Freeze 🚮 Detach 📣 Wrap 🙀			
General Ledger	Name	Enabled		
Queues	ANAND SHEKAR AMIT DE	Y Y		
Printers	PRITAM JENA	Y		
Bank Details	PKLIAM JENA	Ť		

#### To define a User Group

- 1. On the Oracle Financial Services Lending and Leasing home screen, click **Setup >** Administration > User > Queues > User Groups.
- 2. In the **User Groups** section, Click **Add**. You can also perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Name	Specify user group name.



Field:	Do this:
Description	Specify an appropriate user group description. The same is used while referring this User Group on other screens.
Responsibility	Select the responsibility of the user group from the drop-down list. You can later add only those 'Users' who have the selected responsibility into the user group.
Enabled	Check this box to enable the user group.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

### To add Users to User Group

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Administration > User > Queues > User Groups.
- 2. In the **User Groups** section, select the required User Group.
- 3. In the **Users** section, Click **Add**. You can also perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Name	Select the user from the drop-down list, The list displays the available users based on the responsibility defined for the user group.
Enabled	Check this box to enable the user.

4. Perform any of the Basic Actions mentioned in Navigation chapter.

# 3.8 Printers

The Printers screen allows you to set up an unlimited number of network printers and fax devices to be used with the system server. The system uses the information on this screen while selecting a printer, when the printing process involves a batch job or uses a job scheduler. Examples include printing reports and correspondence.

The printers and fax devices can be set up at each organization, division, or department to promote efficient printing of documents, and reports. The system uses this information during product setup and on the Letters screen in the **Batch Printer** field.

### Special printer names

The following printer names are predefined and have specific functions within the system:

Name	Description
UNDEFINED	Indicates that the document to be printed is to be previewed in your browser instead of actually printing the document.
ARCHIVE	Instead of sending an item to the printer, the system generates a PDF document and saves it in the archive directory on your server.



Name	Description
EMAIL	For Loan origination correspondences that can be faxed, the system e-mails the document as a PDF attachment to the consumer for direct Loans or to the producer in the case of in-direct Loans.
FAX	For Loans origination correspondences that can be faxed, the sys- tem generates a PDF document and will send to the fax server defined in System Parameters.

Additionally, you may set up composite entries in the Printer Name field to perform two or more functions at the same time. This can be done by defining a printer name with the following format:

PRINTER NAME = < PRINTER\_NAME1> + < PRINTER\_NAME2>

For example, if a printer named JET4050 was previously defined, as were the special printer names listed above, then the following additional printers could be defined:

Name	Description
JET4050+ARCHIVE	Prints the document with the jet4050 printer and archives the document.
FAX+ARCHIVE	Faxes and archives the document.
EMAIL+ARCHIVE+J ET4050	E-mails, archives, and prints the document with the jet4050 printer.

#### To set up the Printers

1. Click Setup > Setup > Administration > User > Printers. The system displays the Printers screen



2. In the **Printers** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Printers ×						×
Origination	Printer Definition					👍 Add 🖉 Edit	View 🔗 Aud
Servicing	View - Format - 🔛 Treeze 🚮 Detach ຝ Wrap 🔞					B Day & Pour	1 Ten 0 900
Collections				B111			
WFP	Printer Name	Description	Organization	Division	Department	Default N	Enabled N
	UNDEFINED	UNDEFINED	DMC	ALL	ALL	N	Y
ools	archive	ARCHIVE	DMC	ALL	ALL	Y	Y
ıp	email	EMAIL	DMC	ALL	ALL	N	Y
tup	fax	FAX	DMC	ALL	ALL	N	Y
Administration	ggkjajkajkik	KJGKJGK	DMC	ALL	ALL	N	N
✓ System							
	Printer Definition						
Lookups	Printer Demintion			0			
User Defined Tat				Save and Ac	id 🛛 🗟 Save a	and Stay 🛛 🛃 Save a	and Return 🛛 🔷 <u>R</u> et
Audit Tables							
User Defined Def	* Printer Name	* Division AL	L	~		* Enabled	
Transaction Code	* Description	* Department AL	L	~			
Data Files	* Organization	* Default					
Bach Jobs Produce (Velocie Vendors: Collection Cycles Reports Error Messages Transletions Uper Organization Companies Access Users Credit Bureau Correspondence General Ludger Queues Printers							

A brief description of the fields is given below:

Field:	Do this:
Printer Name	Specify the printer name. The name of the printer as defined by the server. For a UNIX server, the name might be JET4050, while to access the same printer from a Windows server the name would be: \\servername\jet4050.
Description	Specify the description for the printer.
Organization	Select the organization to which the printer belongs, from the drop- down list.
Division	Select the division to which the printer belongs, from the drop- down list. The division will be displayed based on the organization selected.



Field:	Do this:
Department	Select the department to which the printer belongs, from the drop- down list. The department will be displayed based on the division selected.
	IMPORTANT: When you select a printer to use, the system searches for a best match using the following attributes:
	1 Organization
	2 Division
	3 Department
	Hence, Oracle recommends creating a version of each edit, where ALL is the value in these fields.
	It is also recommended that, you define a default printer for an Organization, Division and Department.
Default	Check this box to set the printer as a default printer.
Enabled	Check this box to enable the printer and that the printer is active.
	Note: Never disable the UNDEFINED printer.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.9 Intelligent Segmentation

OFSLL is equipped to leverage the Machine Learning (ML) feature of Oracle Database to suggest and create Customer Servicing Queues by analysing the current system data. Using this functionality, system automatically identifies the possible Queue/Segmentation for Account data using the Machine Learning Algorithm thereby creating an Intelligent Segmentation.

This helps to automate the manual process of queue creation which is otherwise done by identifying different segments of Accounts and assigning day to day Customer Service Activities. Further queue processing workflow continues as detailed in 'Queues' section.

# 3.9.1 Machine Learning for Queue Creation

The Intelligent Segmentation screen in OFSLL is based on the Oracle JavaScript Extension Toolkit (Oracle JET) framework. This facilitates to identify different clusters of data and create queues.

In order to access the Intelligent Segmentation screen from the User Interface menu link, you need to enable the system parameter FLL\_SET\_JET\_INTELLIGENTSEG\_URL (JET INTELLIGENT SEGMENTATION URL). For more details on installing and deploying this feature in OFSLL, refer to Installation Manual.

In this screen, you do the following:



- Identify Cluster of Data for a given Account Condition.
- View hierarchy of cluster and list of accounts falling into different levels of cluster.



• Create a queue by selecting Cluster

# 3.9.2 <u>Machine Learning Data visualization</u>

The data generated by the system is represented in the following view formats.

## 3.9.2.1 Cluster view

Financial Services Lending and	Leasing					🛔 Welcome, ABSHEKAR 🗸	🥞 Sign <u>O</u> ut 🔘
Intelligent Segmentation ×	5						Close
Company *	Branch *		Account Conditions *				
ALL 🔻	ALL	v	DELINQUENT	•	Submit		
		Clusters	Segment Insights				
200		Cluster-12					
Cluster-5			Clu	ister-11			
150							
		Eluster-9				Cluster-7	
Cluster-10			a	uster-13			
							-40

# 3.9.2.2 Segment View

Financial Services Lending a	nd Leasing			🥌 Welcome, ABSHEKAR 🗸	🥰 Sign Qut 📿
Intelligent Segmentation $\times$					🔀 <u>C</u> lose
Company *	Branch *	Accou	unt Conditions *		
ALL 🔻	ALL	▼ DELI	NQUENT .	Submit	
	Cluster-13(31 Cluster-12(3 ter-5(32) Clu			<b>7(131</b> -11(56)	)



# 3.9.2.3 Insights View

telligent Segmentation $\times$					2 💌
company *		Branch *		Account Conditions *	
ALL	•	ALL	-	DELINQUENT 👻 Submit	
			Clusters	egment Insights	
		CL Reco	Cluster ID Record Courte 226 Record Courte 226 Record Courte 226 Record Courte 325 Courte 35 Courte 35	1319 Report courts 14 Courter 11 Courter 15 Record Court 15 Record Court 13 Record Court 15	
		Cluster Idi 8 Record Courti: 62 Custer Idi 1.2 Cus	Cluster Id: 9 Record Count: 33 Her Id: 13 d Count: 31		

# 3.9.2.4 Selection Criteria Attributes

Clicking on any of the data segment system displays dynamic record details (Attribute Name and Attribute Value) along with the option to create queue.

Records of Cluster - 7 Create		×
ATTRIBUTE_NAME	ATTRIBUTE_VALUE	
ACC_COLLATERAL_TYPE_CD	HOME	
ACC_DLQ_CATEGORY	180	
ACC_DLQ_DAYS	211.857 to 392.714	
ACC_DUE_TOTAL_AMT	0 to 29612.1	
ACC_OUTSTANDING_TOTAL_AMT	-10985 to 62604.5	



# 3.9.3 View Machine Learning Generated Queue

## To view ML based queue

1. Click Setup > Setup > Administration > User > Intelligent Segmentation. The following screen is displayed:

Financial Serv	ices Len	ding and L	easing			Welcome, ABSHEKAR 🗸	
Intelligent Segmentation	on ×						Close
Company *		Branch *		Account Conditions $*$			
select	•	select	•	select	•	Submit	
			Clusters Seg	ment Insights			
			No data	to display			

2. Select the following option:

Field:	Do this:
Company	Select the company from the drop-down list. The list is populated only with those Company Definitions to which you have been pro- visioned access.
Branch	Select the branch within the company from the drop-down list. This may be ALL or a specific branch. This must be ALL, if you have selected 'ALL' in the Company field.
Account Condi- tions	Select the required account conditions. There are various Account Conditions which are either posted 'automatically' by the system (like updating DELQ delinquency condition on account) or 'manu- ally' through a transaction or call activity.

3. Click 'Submit'. System generates different data segments based on above selected combination using a background job process. By default, the data is represented in clusters and can be viewed on other view formats as detailed in 'Machine Learning Data visualization' section.

# 3.9.4 Create ML Based Queue

On generating the data segments in the Intelligent Segmentation screen, you can further drill down to each cluster and view details with different selection criteria. However, the details of each record is based on the data maintained in the system.



Button	Action
Create	Clicking on this option creates a Queue in OFSLL and the selection criteria of the Queue is populated with the Cluster Attributes. The queue sequence is based on Queue name/Description and is displayed as a confirmation message in the format 'Queue ML <account condition=""> <date yyyymmdd=""> <time hhmmss=""> created successfully'.</time></date></account>
	✓ Queue Created Successfully ×
	Queue ML_DELQ_20201209_011239 created successfully
	Ok
	The newly created queue is available in Setup > Administration > User > Queues screen.

Note that following with ML generated Queues:

- All Queues are created in 'Disabled' status with Selection Criteria 'Enabled'.
- Priority is defaulted to 0.
- Company/Branch is defaulted to selected combination.
- Hard Assigned/Group Follow-up/Near Real-Time/Dialler actions are marked as disabled.

# 3.10 Bank Details

The Banks screen defines the banks, a company/branch uses for processing Automatic Clearing House (ACH) and lock box payments.

#### Note

This is "behind the scenes" information that the system uses for payments and does not appear on any other forms.

#### To set up the Banks

1. Click **Setup > Setup > Administration > User > Bank Details** link. The system displays the Bank Details screen.



2. In the **Banks Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard		Bank Details ×										×	
Origination		Bank Definition								Sec. 10			
Servicing										· 뉴 Add	🚽 Add 🖉 Edit 📃 Yiew 🔗 Audi		
Collections		View + Format +	Format 🗸 📑 Freeze 🚮 Detach 🕼 Wrap			69							
		Code	Name	Short Name	Enabled	Acco	unt #	Routing #	BIC	IBAN	Country	City	
WFP					N								
Tools		FSB JPB	US BANK JP BANK	FSB JPB	Y		x8736 x1115	363763665 831232246	NOT PROVID	ED WEDE	UNITED STATI	ES MIN	
tup		NLB	NL BANK	NLB	Y		x1115 x8779	884447474	NOT PROVID	DED WEQE	NETHERLAND:		
etup		SAB	SA BANK	SAB	Y		x6468	755665678			SAUDI ARABIA		
Administration	~	<										>	
✓ System	100												
System Parameter		Bank Definition											
Lookups		Dunk Dennition							Save and Add	Save and Stay	Save and Return	A Ret	
User Defined Tables									- Save and Add	C Save and Stay	D Save and Ketun	Va Ver	
Audit Tables			* Code			*0	UNITED ST/	TEC	~	* Ohene 1	(000)-000-0000		
User Defined Defaults							ONLICE SIV	NICS	<u> </u>		(000) 000 0000		
Transaction Codes Data Files			Name			Address Line 1				Extn 1			
Data Hies Dedupe		* Short	Name			Address Line 2				Phone 2			
Securitization		* EI	nabled			* Zip				Extn 2			
Events		* Acco	ount #			Extn				* Fax 1	(000)-000-0000		
Batch Jobs		* Rou	ting #							Fax 2			
Producer Cycles		100	1.0		~	Creditor Id							
Vendors			BIC		~	* City				* ACH Format			
Collection Cycles			IBAN			* State			~				
Reports													
Error Messages Translations		ACH Lock Box											
✓ User													
Organization		ACH Definition	n							H Add	/ Edit	🖉 Audi	
Companies		View - Format -	- 📑 Fre	eze 🚮 Detach	Wrap لي	612							
Access		Company									ACH Identifier Enabled		
Users		No data to display.	Station										
Credit Bureau													
Correspondence													
General Ledger													
Queues													
Printers													
Bank Details													
Check Details													
Standard Payees													
Currencies													
Zip Codes													
4 Products Asset Types	~												

Field:	Do this:
Code	Specify the bank code (ID used internally by Oracle Financial Services Lending and Leasing to represent the bank).
Name	Specify the name for the bank.
Short Name	Specify the short name for the bank (ID displayed to represent the bank. This may be included in any output files).
Enabled	Check this box to enable and indicate this as an active bank
Account #	Specify the account number used for banking transactions with the bank.
	<b>Note</b> : If the organizational parameter UIX_HIDE_RESTRICTED DATA is set to Y, this appears as a masked number; for example, XXXX1234.
Routing #	Specify the routing number of the bank.
BIC	Select the Business Identifier Code from the drop-down list. The list displays the BIC codes defined in the system.

Field:	Do this:
IBAN	Specify the IBAN (International Bank Account Number). IBAN is used for identifying bank accounts across national borders with a minimal of risk of propagating transcription errors.
	Ensure that value entered satisfies the check-digit validation based on modulo 97. On save, system automatically validates the IBAN number length based on country code, characters, white spaces, and checksum. Validation is also done during posting non-monetary transaction (ACH Maintenance).
	You can maintain the IBAN length and other details required as per the country code in the user defined table (Setup > Administration > System > User Defined Tables).
	<b>Note</b> : IBAN for 'NL' country code (IBAN_FORMAT_NL) is defined by default with length of IBAN as 18.
Country	Select the country where the bank is located, from the drop-down list.
City	Specify the city where the bank is located.
State	Select the state where the bank is located, from the drop-down list.
Address Line 1	Specify the address line 1 for the bank.
Address Line 2	Specify the address line 2 for the bank.
Zip	Specify the zip code where the bank is located, from the drop-down list.
Extn	Specify the extension of the zip code where the bank is located.
Creditor Id	Specify the creditor identification details.
Phone 1	Specify the primary phone number of the bank.
Extn 1	Specify the phone extension for the primary phone number.
Phone 2	Specify the alternate phone number for the bank.
Extn 2	Specify the phone extension for the alternate phone number.
Fax 1	Specify the primary fax number for the bank.
Fax 2	Specify the alternate fax number for the bank.
ACH Format	Select the ACH format accepted by this bank from the drop-down list. The list displays the following options:
	- NACHA Format
	- SEPA Format

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

4. Click Setup > Setup > Administration > User > Bank Details > ACH.

5. On the **ACH Definition** sub screen, you can create ACH files for the bank listed in the Banks section. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:
Company	Select the portfolio company from the drop-down list.
Branch	Select the portfolio branch from the drop-down list.
ACH Identifier	Specify the lock box ID provided by the bank. This field is used in the ACH files to identify the bank.
Enabled	Check this box to enable the ACH and indicate this as an active ACH identifier.

6. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## 7. Click Setup > Setup > Administration > User > Bank Details > Lock Box.

8. On the **Lock Box** sub screen, you can create lock box files for the bank listed in the Banks screen. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Lock Box Identifier	Specify the lock box ID provided by bank. This field is used in the lock box files to identify the bank.
Company	Select the portfolio company from the drop-down list.
Branch	Select the portfolio branch from the drop-down list.
Enabled	Check this box to enable the lock box.

9. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.11 Standard Payees

The Standard Payees screen defines the third parties that are frequent payees for checks issued within your organization. These payees are then available on the Consumer Lending screen's Advance Entry screen. When you select the Payee # in the Advance Allocation section, the system completes the remaining fields in this screen with information from the Standard Payees screen.

#### Note

The Payee # field on the Advance Payment forms is a non-validated field. This allows you to select an entry or enter one of your own.

## To set up the Standard Payees

1. Click **Setup > Setup > Administration > User > Standard Payee**. The system displays the Standard Payees screen.



2. In the **Payee Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

View   Format	Freeze	Detach	ຝ Wrap 🙀						Sp Add	I 🖉 Edit 📃 View	V AUdit
Payee #	Name	Pmt Mode	Enabled	Country	City	State	Address Line 1	Address Line 2	Zip	Extn	
1001	ACH	ACH	Y	UNITED STATES	LEXINGTON	ILLINOIS	LINE1	LINE2	85587		(012)-
1002 <	ACH	ACH	Y	UNITED STATES	NEW JERSEY	NEW JERSEY	LINE1	LINE2	59868		(012)
D.C.M	_										
Payee Definition	1								📄 Save and Stay	Save and Return	Ca Return
	Device #	1001								. –	-
	Payee # * Name				Extn				ACH Account #		
	* Pmt Mode		~			LEXINGTON ILLINOIS			* Company		~
	* Enabled					(012)-345-6789			* Branch	ALL.	~
	* Country	UNITED STATES	~		Phone 1 Phone 2	(012)-343-0789			BIC		~
	Address Line 1	LINE1				BANK OF VISA CARD				06/28/1997	
	Address Line 2	LINE2			Routing #				Comment		
	Zip	85587			Account Type		~				

Field:	Do this:
Payee #	Specify the payee number (Identifier for the payee).
Name	Specify the payee name.
Pmt Mode	Select the payment method for the payee from the drop-down list.
Enabled	Check this box to enabled the payee.
Country	Select the country where the payee is located from the drop-down list.
City	Specify the city where the payee is located.
State	Select the state where the payee is located from the drop-down list.
Address Line 1	Specify the address line 1 for the payee (optional).
Address Line 2	Specify the address line 2 for the payee (optional).
Zip	Select the zip code where the payee is located from the drop-down list.
Extn	Specify the extension of the zip code where the payee is located.
Phone 1	Specify the primary phone number for the payee.
Phone 2	Specify the alternate phone number for the payee.
Bank Name	Specify the payee ACH bank name used by the standard payee.
Routing #	Specify the payee ACH bank routing number of bank used by the standard payee.

Field:	Do this:
Account Type	Select the payee type of ACH bank account maintained by the Stan- dard Payee from the drop-down list.
ACH Account #	Specify the payee ACH bank account number.
Company	Select the company from the drop-down list. The list is populated with Company definitions based on the Country selected.
Branch	Select the branch drop-down list. The list is populated with Company branch based on the Country selected.
BIC	Select the Business Identifier Code from the drop-down list. The list displays the BIC codes defined in the system.
IBAN	Specify the IBAN (International Bank Account Number). IBAN is used for identifying bank accounts across national borders with a minimal of risk of propagating transcription errors.
	Ensure that value entered satisfies the check-digit validation based on modulo 97. On save, system automatically validates the IBAN number length based on country code, characters, white spaces, and checksum. Validation is also done during posting non-monetary transaction (ACH Maintenance).
	You can maintain the IBAN length and other details required as per the country code in the user defined table (Setup > Administration > System > User Defined Tables).
	<b>Note</b> : IBAN for 'NL' country code (IBAN_FORMAT_NL) is defined by default with length of IBAN as 18.
Start Dt	Specify the payment mode start date, the date the current payment method was implemented (defaults on Pmt Mode change). you can also select from the adjoining calendar icon.
Comment	Specify a comment for this advance allocations. This is the default comment to include with payments to this Payee.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.12 Check Details

The Check Details screen allows you to set up check details.

#### To setup the Check Details

1. Click **Setup > Setup > Administration > User > Check Details**. The system displays the Check Details screen.



2. In the **Check Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Financial Services Ler	ining and Ecos								_
DashBoard	Check Details $\times$								
Origination									
Servicing	Check Definitio		services.	0			- <u>∩</u> Add	✓ Edit Uiew	≪ A <u>u</u> di
Collections	View - Format -		eze 🛃 Detach		62				
WEP	Company	Branch	Payee Type	Check #		Printer Name	Enabled		
Tools	ALL	ALL	CUSTOMER	112233		PRINT-11	Y		
etup									
Setup	Check Definitio	n						-	
4 Administration	•					Save and Add	Save and Stay	Save and Return	Ca Retu
⊿ System					Test of		* Check # 0		
System Parameter Lookups			* Company ALL		~				
User Defined Tables			* Branch ALL		~	-	rinter Name		
Audit Tables			* Payee Type ALL		~		* Enabled		
User Defined Defaults									
Transaction Codes									
Data Files Dedupe									
Securitization									
Events									
Batch Jobs									
Producer Cycles									
Vendors									
Collection Cycles Reports									
Error Messages									
Translations									
⊿ User									
Organization									
Companies									
Access									
Users									
Credit Bureau Correspondence									
General Ledger									
Queues									
Printers									
Bank Details									
Check Details									
Standard Payees									
Currencies									
Zip Codes									
A Products Asset Types									

A brief description of the fields is given below:

Field:	Do this:
Company	Select the company from the drop-down list.
Branch	Select the branch from the drop-down list.
Рауее Туре	Select the payee type from the drop-down list.
Check #	Specify the check number (required).
Printer Name	Specify the printer name (required).
Enabled	Check this box to enable the check details entry.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.13 Currencies

The Currencies link allows you to set up currency details.

## Navigating to currencies

- 1. Click **Setup > Setup > Administration > User > Currencies**. The system displays the Currencies screen. In this screen, you can set up:
  - Currency Definition
  - Currency Pair Definition

# 3.13.1 <u>Currency Definition</u>

The Currency Definition screen allows you to set up currency details.

To set up the currency definition information

- 1. Click **Setup > Setup > Administration > User > Currencies > Currency**. The system opens the Currency Definition tab by default.
- 2. In the **Currency** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Inditcial Service	s Ler	nding and Leas	sing					
DashBoard		Currencies X						×
Origination		Currency Currency	Pair					
Servicing								
Collections		Currency				de Add	✓ Edit Uiew	Audit
		View - Format -	🕞 🗍 Freeze 🚮 Detach 🥥 W	Irap		0 244	V 100	
WFP		Currency	Currency Name	nah All		0	untry Enable	d
Tools		Contency	Currency Maine				N N	
tup		INR	INDIAN RUPEE			IN	DIA Y	
Translations		EUR	EURO			IR	ELAND Y	
⊿ User	^	JPY	JAPANESE YEN				PAN Y	
Organization		OMR	RIAL				UDI ARABIA Y	
Companies		USD	US DOLLAR			U	ITED STATES Y	
Access								
Users		Currency						
Credit Bureau					Save and Add	Save and Stay	Save and Return	Ca Return
Correspondence								
General Ledger			* Currency			* Enabled		
Queues								
Printers			Currency Name					
Bank Details	100		* Country	~				
Check Details								
Standard Payees	4							
Currencies								
Zip Codes Products								
Asset Types Index Rates								
Currency Exchange								
Scoring Parameters								
Products								
Pricings								
Contract								
Edits								
Cycles								
Scoring Models								
Fees								
Origination Fees								
Compensation								
Commission								
Insurance								
Checklists								
Stipulations								
Spreads								
Statement Messages	~							
Letters	~							

A brief description of the fields is given below:

Field:	Do this:
Currency	Select the currency you want to define, from the drop-down list.
Currency Name	The system displays the currency name based on the currency selected.
Country	Select the country for which the currency is defined, from the drop- down list.
Enabled	Check this box to enable the currency entry.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 3.13.2 Currency Pair link

The Currency Pair Definition link allows you to set up currency pair details.

To set up the currency pair definition information:

1. Click Setup > Setup > Administration > User > Currencies > Currency Pair. The system displays the Currency Pair Definition screen



2. In the **Currency Pair Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Servicing							
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4 User	^	EURO	YEN		N		Y
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Companies		YEN	EURO		N		Y
Access		YEN	US DOLLAR		N		Y
Users		RIAL OMANI	EURO		Y	US DOLLAR	Y
Credit Bureau		RIAL OMANI	YEN		Y	US DOLLAR	Y
Correspondence		RIAL OMANI	US DOLLAR		N		Y
General Ledger		US DOLLAR	EURO		N		Y
		US DOLLAR	YEN		N		Y
Queues Printers		US DOLLAR	RIAL OMANI		N		Y
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Check Details		INDIAN RUPEE	YEN		N		Y
Standard Payees	12						
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Origination Fees							
Compensation							
Commission							
Insurance							
Checklists							
Stipulations							
Stipulations							
Stipulations Spreads Statement Messages							

A brief description of the fields is given below:

Field:	View this:			
Currency Code	Select the currency code from the drop-down list.			
Currency Pair Code	Select the currency pair code from the drop-down list.			
Through Currency	Check this box to set the selected currency as a through cur- rency.			
Through Currency Code	Select the through currency code from the drop-down list.			
Enabled	Check this box to enable the currency pair entry.			

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.14 Zip Codes

The Zip Codes screen allows you to set up zip code details.

To set up the zip codes information

 Click Setup > Setup > Administration > User > ZipCodes. The system displays the Zip Codes screen



2. In the **Zip Codes** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Setup     UNTED STATES     PUERTO RICO     0072     LOZA     LOZA       A diministration     Administration     0077     CUILLO     LOQUILLO     UQUILLO       A diministration     Stytem     00775     CUCLEBRA     OLEBRA     OLEBR	6				Zip Codes ×		shBoard
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Printers							
Bank Details							
Check Details							
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A brief description of the fields is given below:

Field:	View this:
Country	Select the country from the drop-down list.
State	Select the state from the drop-down list.
Zip Code	Specify the zip code (required).
City	Specify the city.
County	Specify the county.

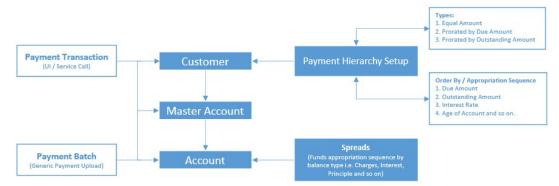
3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 3.15 Payment Hierarchy

The Payment Hierarchy screen facilitates to define hierarchy definition along with payment appropriation, excess payment handling, account selection criteria and sort order. These details are required by the system to allocate payments to the matching accounts of a customer, when customer based payments are being processed in 'Payment Entry' screen.



Below is an illustration on how payment hierarchy is used to post customer based payments.



Any Payment transaction generated in the system either from UI / Web Service Call or through a Payment Batch (Generic Payment Upload) can be directly posted to an Account or at Customer level.

- If payment is posted directly to an Account, the funds are allocated based on the defined spread with funds appropriation sequence of balance type i.e. Charges, Interest, Principle and so on.
- If payment is posted at Customer level having two accounts and if the payment amount is less than the due, then appropriation sequence is required. Else, one of the account can have a short fall with payment allocation.

In such case, the Payment Hierarchy determines the sequence of payment as to which account is to be appropriated first and which is to be appropriate next. This is based on 'order by clause' and 'appropriation sequence' defined.

Also the Balance Type determines the distribution type as one of the following:

- Equally to all the accounts
- Prorated by Due amount (i.e. highest due or lowest due first)
- Prorated by Outstanding Amount.

Once the account is narrowed down and payment amount is decided, then based on spread the payment is appropriated. This gives additional flexibility for defining payment modes at the master account level.

If Payment Hierarchy is not defined while funding an application or needs correction, the same can be done by posting 'MASTER ACCOUNT PAYMENT HIERARCHY MAINTENANCE' non-monetary transaction in Servicing > Maintenance > Transaction Batch Information section. At Customer level, Payment hierarchy can be updated by posting CUSTOMER MAINTENANCE transaction.

# 3.15.1 Payment Appropriation Methods

While creating Hierarchy definition in the Payment Hierarchy screen, you can use any of the following payment appropriation methods available in Hierarchy Type field. On selecting the specific Hierarchy definition at Application or Account level, the defined method is used to allocate payments to corresponding accounts.



However in all the methods, the payment criteria is also used for identifying the due accounts and careful consideration is required while defining the same.

Method	Description						
EQUAL	To allocate payme	ent equally to al	I the accounts picked.				
AMOUNT	This is traditional method of payment allocation in which the total payment amount received is divided and adjusted equally to all customer linked accounts.						
DUE AMOUNT RATIO	To allocate payme accounts.	ent based on the	e ratio of amount due	on all			
	In this method, the due accounts are identified based on the define selection criteria and the payment appropriation is done on the rat of amount due on each account using the below formula.						
	Amount Due	* Payment An	nount				
	Total	Due Amount					
	Following is an ill	ustration on pay	ment allocation:				
		Amount Due	Outstanding Amount				
	Master Account	30	200				
	Associated Account 1	50	250				
	Associated Account 2	100	400				
	Due Amount Ratio Outstanding Amount Ratio Equal Amount						
	Payment Amount	\$90					
	Master Account         \$15         \$21.18         \$30						
	Associated Account 1 \$25 \$26.47 \$30						
	Associated Account 2         \$50         \$42.35         \$30						
OUTSTANDING BALANCE RATIO	To allocate payment based on the ratio of total outstanding due on all accounts. Similar to above, even in this method the due accounts are identified based on the defined selection criteria and the payment appropria-						
	tion is done on the ratio of outstanding amount due on each account using the below formula.						
	Outstanding Balance * Payment Amount Total Outstanding Balance						
	This method can be selected if the received payment amount is equal to total outstanding due on all linked accounts indicated in Customer Service > Transaction History > Balances screen.						
ACCOUNT COL-	To allocate payme	ent based on hi	erarchy order.				
UMN BASED	selection criteria	and the paymer	are identified based or at appropriation is done ad either in ascending/	e as per the			

During payment appropriation, system allocates the payment amount only up to the total of resulted accounts and remaining amount (if any) are processed based on the excess payment method value.



While onboarding accounts through web services, system considers the value of system parameter PMT\_HIERARCHY\_CODE to default the payment allocation in Customer/ Business Details screen after account activation.

Also while onboarding if the Payment Hierarchy is not passed as part of the request (Applicant/Application), then system parameter value is considered.

# 3.15.2 Excess Payment Appropriation

During or after payment appropriation, there can be a residual amount pending for allocation. For example, \$0.01 remains when \$100 is equally paid to 3 accounts. In such case the residual amount is transferred to last account in the hierarchy sequence. However, note that system performs this residual payment allocation only once.

In other case where there in an excess payment received which is more than account dues, the same can be processed for payment allocation using any of the following 'Excess Handling Method' while defining the Hierarchy Definition.

Method	Description
SUSPENSE	To post the excess amount as suspense on Customer or Master account.
HIERARCHY BASED	To allocate the excess payment based on any of the Hierarchy Defi- nitions maintained in the system.

Based on the selection, system re-allocates the excess amount to corresponding accounts.

#### To set up payment hierarchy

- 1. Click Setup > Setup > Administration > User > Payment Hierarchy.
- 2. In the Hierarchy Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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lierarchy Definition						👍 Add	🥖 Edit	View	🛷 Aud	lit
View 🔻 Format 👻 🔝 Fre	eeze 🚮 Detach 🛛 🖨 Wrap	62								
2										
Name	Description		Hierarchy Type	6	Excess Handling Method	Excess Hierarchy	Name	Enabled		
TEST_PH1	TEST_PH1		ACCOUNT COLUMN B		HERARCHY BASED	PH 1		Y		
PAYMENT3	PAYMENT3		DUE AMOUNT RATIO	9	SUSPENSE			Y		
PAH_TEST2	PAH_TEST2_DESC		EQUAL AMOUNT	H	HIERARCHY BASED	TEST_PH2		Y		
OUTSTANDING BALANCE	OUTSTANDING BALANCE		OUTSTANDING BALAN	ICE RATIO	HIERARCHY BASED	PAYMENT_COLUM	NBASED	Y		
M_PH2	M_PH2		OUTSTANDING BALAM	ICE RATIO S	SUSPENSE			Y		
<									>	1
Account Selection Criteria Hiera	archy Order									
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Account Selection Criteria	1					🕂 Add	🥖 Edit	View	🖋 Audit	
View 🔻 Format 👻 🔛	-reeze 🚮 Detach 🛛 ຝ Wrap	62	🖋 Check Criteria							
Seq (	Parameter			Comparison Operator	Criteria Value	)	Logical Operator	Enabled		
0	DELINQUENT DAYS			LESS THAN OR EQ	0			Y		

Field:	View this:
Name	Specify an unique name for the hierarchy definition.
Description	Specify the description for the hierarchy definition.



Field:	View this:
Hierarchy Type	Select one of the following type of payment allocation method from the drop-down list. The list is populated based on the PMT_HIERARCHYTYPE_CD lookup.
	- EQUAL AMOUNT
	- DUE AMOUNT RATIO
	- OUTSTANDING BALANCE RATIO
	- ACCOUNT COLUMN BASED
	For more information on the above methods, refer to 'Payment Appropri- ation Methods' section.
	You can define multiple Hierarchy definitions with same Hierarchy type.
Excess Han- dling Method	Select one of the following type of excess payment allocation method to be used with payment hierarchy definition from the drop-down list. The list is populated based on PMT_HIERARCHY_EXCESS_METHOD_CD lookup.
	- SUSPENSE
	- HIERARCHY BASED
	For more information on the above methods, refer to 'Excess Payment Appropriation' section.
Excess Hier- archy Name	This field is enabled and is mandatory if the Excess Handling Method is selected as 'Hierarchy Based'.
	Select the Hierarchy Definition from the drop-down list. This list is popu- lated with all the pre-defined and enabled hierarchy definitions main- tained in the system.
	For more information on the above methods, refer to 'Excess Payment Appropriation' section.
Enabled	By default this check box is enabled for new hierarchy definition.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

## Account Selection Criteria

This sub tab facilitates to define the account selection criteria that is used to identify due account for payment allocation. Atleast one valid account selection criteria is required for all the Hierarchy Types.

1. In the Account Selection Criteria section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of the fields is given below:

Field:	Do this:
Seq	Specify sequence numbers.
(	Specify left bracket.
Parameter	Select the parameter from the drop-down list. The list is populated based on the values maintained in CUSTOMER PAYMENT HIERARCHY ORDER PARAMETERS user defined table.



Field:	Do this:
Comparison Operator	Select comparison operator from the drop-down list.
Criteria Value	Specify criteria value.
)	Specify right bracket.
Logical Expression	Select logical operator from the drop-down list.
Enabled	Check this box to enable the selection criteria.

2. Perform any of the Basic Actions mentioned in Navigation chapter.

3. You can click 'Check Criteria' for system to validate the query and display the results.

#### **Hierarchy Order**

This sub tab facilitates you to define hierarchy order that is used to sort the due account for payment allocation. This sub tab is enabled only for 'ACCOUNT COLUMN BASED' Hierarchy type.

1. In the Hierarchy Order section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of the fields is given below:

Field:	Do this:
Seq	Specify sequence number.
Sort Field	Select sort field from the drop-down list. The list is populated based on values maintained in CUSTOMER PAYMENT HIERARCHY ORDER PARAMETERS user defined table.
Order	Select sort order as either Ascending or Descending from the drop-down list.

2. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 4. Product

Under the Setup master tab's drop-down link bar, the product Setup link opens screens that enable you to configure the basic business guidelines necessary to support one or more products in the system. This includes defining the types of collateral your company supports, creating lending instruments, and determining what is included in credit bureau reporting. Setting up the Products screens requires a thorough understanding of the current rules of your business and must be completed before you can use Oracle Financial Services Lending and Leasing. The Products drop-down link opens screens to record data of all the products supported by the system and contains the following links:

## **Navigating to Products**

In the **Setup > Setup > Products** link enables you to setup the options related to following closed ended products your company offers:

- Asset Types
- Index Rates
- Currency Exchange
- Scoring Parameters
- Products
- Pricing
- Contract
- Edits
- Cycles
- Scoring Models
- Fees
- Asset Billing Rate
- Origination Fees
- Insurances
- Checklists
- Stipulations
- Letters
- Promotions

This chapter explains how to setup the screens associated with each one.

# 4.1 Asset Types

In Assets types you can setup the asset types that can serve as an application or account's collateral.

The information on the Assets screen is used by the system to automatically display the appropriate collateral screen (Vehicle, Home, or Other) on the Application Entry screen.

The system recognizes the following four types of collateral:

Collateral Type	Description	
Home collateral	Homes, manufactured housing, or any real estate collateral.	



Collateral Type	Description
Vehicle collateral	All vehicle types, such as cars, trucks, and motorcycles.
Household goods and other collateral	All other collateral types not defined as home, vehicle, or unsecured; for example, household items such as water heaters, televisions, and vacuums.
Unsecured collateral	All unsecured lending instruments. (This collateral type makes the collateral tabs on the system forms unavailable.)

The Asset Sub Type section allows you to further categorize an asset; for example, the asset type VEHICLE might be categorized as CAR, TRUCK, or VAN.

The Attributes/Addons and Makes and Models sub screens continue to further detail the asset both in description and value. For example, a VEHICLE asset might include addons such as LEATHER SEATS and CRUISE CONTROL.

#### Note

Neither asset types nor asset sub types can be deleted. As they may have been used in the past, the display and processing of that data is still dependent on the existing setup.

#### To set up the Asset Types

You can either define new Asset Type or specify a new name in the **New Asset Type** field and click **Create Copy** to create a copy of selected asset with details.

- 1. Click Setup > Setup > Products > Asset Types.
- 2. In the **Asset Type** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Asset Type	Description			Collateral Type	Company	Branch		Enabled	
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BUS_TEST	BUS_TEST			VEHICLE COLLATERAL	ALL	ALL		Y	(
CAR	CAR			VEHICLE COLLATERAL	ALL	ALL		Y	
CAR_CP	CAR_CP			VEHICLE COLLATERAL	ALL	ALL		N	
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No data to display.									

Field:	Do this:
Asset Type	Specify the asset type.



Field:	Do this:	
Description	Specify the description for the asset. (This is the asset type which will appear throughout the system).	
Collateral Type	Select the collateral type (the general category that the asset type falls within) from the drop-down list.	
	<b>Note</b> : There is no need to define an asset for UNSECURED COLLATERAL, as by definition there is no asset on such account.	
Company	Select the portfolio company to which the asset type belongs, from the drop-down list. These are the companies within your organization that can make <b>Line</b> s using this asset type. This may be ALL or a specific company.	
Branch	Select the portfolio branch to which the asset type belongs, from the drop-down list. This is the branch within the selected company that can make <b>Line</b> s using this asset type. This may be ALL or a specific branch. This must be ALL if in the Company field you selected ALL.	
	<b>IMPORTANT</b> : By selecting which asset type to use, the system searches for a best match using the following attributes:	
	1 Company	
	2 Branch	
	Hence, the system recommends creating one version of each asset type where ALL is the value in these fields.	
Enabled	Check this box to enable the asset type and indicate that the asset type is currently in use.	

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

4. In the **Asset Sub Type** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Asset Sub Type	Specify the asset sub type.
Description	Specify the description for the asset subtype
Asset Property Type	Select the type of property from the drop-down list.
Enabled	Check this box to enable the asset sub type.

- 5. Perform any of the **Basic Actions** mentioned in Navigation chapter.
- 6. Click Setup > Setup > Products > Assets > Attributes/Addons.
- 7. In the **Attributes/Addons** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



A brief description of the fields is given below:

Field:	Do this:	
Attribute/Addon	Displays the asset attribute or addon name for the selected asset).	
Description	Select the description for the asset attribute/addon from the drop- down list.	
Default	Specify the default text to be copied or displayed when the asset attributes and addons fields are completed on an application for this asset.	
Value	Specify the default monetary value to be copied or displayed when the asset attributes and addons fields are completed on an application for this asset.	
Enabled	Check this box to enable the asset attribute/Addon and indicate that it is available for this type of asset.	

- 8. Perform any of the Basic Actions mentioned in Navigation chapter.
- 9. Click the Setup > Setup > Products > Assets > Makes and Models.
- 10. In the **Makes and Models** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:		
Make	Specify asset make.		
Model	Specify asset model.		
Style	Specify asset style type.		
Model Year	Specify asset model year.		
Enabled	Check this box to enable the asset make and model and indicate that is included on fields for this asset type.		

11. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 4.1.1 Usage/Rental Details

The Usage / Rental Details sub tab allows you to define Usage/Rental definition details to categorize the incoming asset usage/rental data based on different parameters. The details maintained here are populated in Origination screen for billing calculation and can also be modified based on requirement.

For more information on how OFSLL handles Usage based leasing, refer to Appendix - Usage Based Leasing chapter and for Rental based leasing, refer to 'Rental Agreement' section in Lease Origination User Guide.

1. In the 'Usage/Rental Details' section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.



Field:	Do this:				
Agreement Type	Select the agreement type as one of the following from the drop-down list. The selected Agreement Type defines the criteria for pricing selection during billing calculation.				
	- USAGE				
	- RENTAL				
	- USAGE RENTAL				
	<b>Note</b> : Based on the above selected option, the other fields are either enabled or disabled for selection as indicated below:				
	For Usage Agreement Type, the following fields are editable:				
	Calc Method				
	Usage Cycle				
	Min Usage				
	Max Usage				
	<ul> <li>Discount %</li> </ul>				
	Usage Rollover / Advance				
	Usage Term Calc Method				
	For Rental Agreement Type, the following fields are editable:				
	<ul> <li>Discount %</li> </ul>				
	Discount Amount				
	<ul> <li>Security Deposit</li> </ul>				
	For Usage Rental Agreement Type, the following fields are editable:				
	Usage Cycle				
	Max Usage				
	<ul> <li>Discount %</li> </ul>				
	Discount Amount				
	<ul> <li>Security Deposit</li> </ul>				
Calc Method	Select the calculation method as one of the following from the drop- down list.				
	- TIERED (billing is based on the defined Usage/Rental Charge Matrix)				
	- NON-TIERED (system automatically chooses the applicable slab				
	based on the final usage value)				
Usage Cycle	Select the frequency of billing the asset usage from the drop-down list. This field is disabled for RENTAL agreement type.				
Min Usage	Specify the minimum usage value of the allowed range. This field is disabled for RENTAL agreement type.				
Max Usage	Specify the maximum usage value of the allowed range. This field is disabled for RENTAL agreement type.				
Discount %	Specify the percentage of discount exempted from final billing.				



Usage Rollover / Advance       Select the type of asset usage calculation as one of the following:         - ROLLOVER (remaining usage balance is carried forward to next of - NO-ROLLOVER (remaining usage balance is not carried forward)         - ROLLOVER AND ADVANCE (remaining usage balance is carried forward to next cycle + total usage limit for current cycle can be utili upfront)         - ADVANCE (total usage limit for current cycle can be utilized upfront)         - ADVANCE (total usage limit for current cycle can be utilized upfront)         - ADVANCE (total usage limit for current cycle can be utilized upfront)         - Reset Frequency         Specify the reset frequency of the billing cycle. This field is disabled RENTAL and USAGE RENTAL agreement types and is available for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.         Usage Term Calc Method       Select the type of asset usage term for billing calculation as one of following from the drop-down list:         - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.         - AVERAGE - here system takes the average of usage details recei	
Advance       - ROLLOVER (remaining usage balance is carried forward to next of - NO-ROLLOVER (remaining usage balance is not carried forward)         - ROLLOVER AND ADVANCE (remaining usage balance is carried forward to next cycle + total usage limit for current cycle can be utili upfront)         - ADVANCE (total usage limit for current cycle can be utilized upfront)         - ADVANCE (total usage limit for current cycle can be utilized upfront)         - ADVANCE (total usage limit for RENTAL and USAGE RENTAL agreement type and 'NO-ROLLOVER' option is applicable by defau         Reset         Frequency         Specify the reset frequency of the billing cycle. This field is disabled for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.         Usage Term         Calc Method         Select the type of asset usage term for billing calculation as one of following from the drop-down list:         - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	
<ul> <li>NO-ROLLOVER (remaining usage balance is not carried forward)</li> <li>ROLLOVER AND ADVANCE (remaining usage balance is carried forward to next cycle + total usage limit for current cycle can be utili upfront)</li> <li>ADVANCE (total usage limit for current cycle can be utilized upfront)</li> <li>ADVANCE (total usage limit for RENTAL and USAGE RENTAL agreement type and 'NO-ROLLOVER' option is applicable by defau</li> <li>Reset Frequency</li> <li>Specify the reset frequency of the billing cycle. This field is disabled for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.</li> <li>Usage Term Calc Method</li> <li>Select the type of asset usage term for billing calculation as one of following from the drop-down list:         <ul> <li>ACTUAL - here the current details updated/received is treated as final record for usage term calculation.</li> </ul> </li> </ul>	ycle)
forward to next cycle + total usage limit for current cycle can be utili upfront) - ADVANCE (total usage limit for current cycle can be utilized upfron Note: This field is disabled for RENTAL and USAGE RENTAL agreement type and 'NO-ROLLOVER' option is applicable by defauReset FrequencySpecify the reset frequency of the billing cycle. This field is disabled RENTAL and USAGE RENTAL agreement types and is available for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.Usage Term Calc MethodSelect the type of asset usage term for billing calculation as one of following from the drop-down list: - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	
Note: This field is disabled for RENTAL and USAGE RENTAL agreement type and 'NO-ROLLOVER' option is applicable by defauReset FrequencySpecify the reset frequency of the billing cycle. This field is disabled RENTAL and USAGE RENTAL agreement types and is available for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.Usage Term Calc MethodSelect the type of asset usage term for billing calculation as one of following from the drop-down list: - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	zed
agreement type and 'NO-ROLLOVER' option is applicable by defaulReset FrequencySpecify the reset frequency of the billing cycle. This field is disabled RENTAL and USAGE RENTAL agreement types and is available for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.Usage Term Calc MethodSelect the type of asset usage term for billing calculation as one of following from the drop-down list: - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	nt)
FrequencyRENTAL and USAGE RENTAL agreement types and is available for ROLLOVER, ADVANCE and ROLLOVER AND ADVANCE methods asset usage billing.Usage Term Calc MethodSelect the type of asset usage term for billing calculation as one of following from the drop-down list: - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	lt.
Calc Method following from the drop-down list: - ACTUAL - here the current details updated/received is treated as final record for usage term calculation.	r
final record for usage term calculation.	the
- AVERAGE - here system takes the average of usage details recei	the
in previous cycles for usage term calculation.	ved
The calculation method selected here is populated to 'Elastic Term Method' field in Origination/Servicing Collateral screen. This field is disabled for RENTAL and USAGE RENTAL agreement type.	Calc
Discount Amount If you are defining Usage/Rental Details for RENTAL or USAGE RENTAL type of agreements, specify the discount amount allowed upfront from the final billing. This field is disabled for USAGE agreen type.	nent
Security Deposit If you are defining Usage/Rental Details for RENTAL or USAGE RENTAL type of agreements, specify the security deposit amount p upfront for the term. This field is disabled for USAGE agreement typ	
Excess Rent CollectionIf you have selected the Agreement Type as USAGE RENTAL, sele one of the following type of Charge Matrix to be used to derive the Excess Rent Collection Method from the drop-down list.	ct
- USING USAGE MATRIX	
- USING RENTAL MATRIX	

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 4.1.2 Usage Charge Matrix

The Usage Charge Matrix sub tab allows you to define and maintain different chargeable slabs based on the combination of Billing Cycle and Charge Type. The details maintained here are used for billing calculation based on a particular asset usage.

For more information on how OFSLL handles Usage based leasing, refer to Appendix - Usage Based Leasing chapter and for Rental based leasing, refer to 'Rental Agreement' section in Lease Origination User Guide.



1. In the 'Usage Charge Matrix' section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Billing Cycle	Select the frequency of the billing cycle for the asset from the drop-down list.
Units From	Specify the minimum number of units from which the current usage charge matrix is applicable.
Charge Per Unit	Specify the amount to be charged for every unit.
Charge Type	Select the Charge Type as one of the following from the drop-down list. The list is displayed based on CHARGE_TYPE_CD lookup.
	- BASE (Units considered as base and chargeable at base rate)
	- EXCESS CYCLE (Units beyond base units and chargeable considering excess cycle)
	- EXCESS LIFE (Units exceeding the total contracted units and chargeable considering excess life cycle)
	Excess life is not applicable for Rental agreement type.
Enabled	Check this box to enable the charge matrix for usage calculation.

A brief description of the fields is given below:

2. Perform any of the **Basic Actions** mentioned in Navigation chapter.

## 4.1.3 Rental Charge Matrix

The Rental Charge Matrix sub tab allows you to define and maintain different chargeable slabs based on the combination of Billing Cycle, Rental Duration, Charge Per Cycle and Charge Type. The details maintained here are used for billing calculation based on a particular asset usage.

For more information on how OFSLL handles Usage based leasing, refer to Appendix - Usage Based Leasing chapter and for Rental based leasing, refer to 'Rental Agreement' section in Lease Origination User Guide.

1. In the 'Rental Charge Matrix' section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Billing Cycle	Select the frequency of the billing cycle for the asset from the drop-down list.
Rental Duration From	Specify the minimum duration for which the rental charge is applicable.
Charge Per Cycle	Specify the amount to be charged for every rental cycle.



Field:	Do this:
Charge Type	Select the Charge Type as one of the following from the drop-down list. The list is displayed based on CHARGE_TYPE_CD lookup.
	- BASE (Chargeable units exceeding from base units allowed)
	- EXCESS CYCLE (Chargeable units exceeding from billing cycle units)
	- EXCESS LIFE (Chargeable units exceeding the total contract term)
	Excess life is not applicable for Rental / Usage, Rental agreement types.
Enabled	Check this box to enable the charge matrix for usage calculation.

2. Perform any of the **Basic Actions** mentioned in Navigation chapter.

# 4.2 Index Rates

The Index Rates screen maintains your organization's history of periodic changes in index rates. It allows you to define index rates to support variable rate lines of credit. The index rate provides the base rate for a credit line where:

interest rate = index rate + margin rate.

The Index section displays the currently defined indexes on the Lookups screen. You may create additional user-defined lookup codes for this lookup type as needed.

#### Note

You cannot tie an index rate to a product rate.

You can also record any index rate change on the Index Rates screen. During nightly batch processing, all the accounts with that index type are included when posting the RATE CHANGE transaction. After the system processes the batch, the interest rate of the account is changed. The system will use this new interest rate when computing all future interest calculations.

#### To set up Index Rates

1. Click Setup > Setup > Products > Index Rates.



2. In the **Index** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.:

Servicing Collections WEP WEP NODE SATE PROJE SA					2		inancial Services Lend
Servicing     Index     Index       Collections     Index Frees     Detad. ↓ Wap     Image: Collections       WFP     Image: Collections     Image: Collections     Description       State     FALT BATE     PROTE BATE     PROTE BATE       Protoc     Protoc     Protoc BATE     PROTE BATE       State     FALT BATE     PROTE BATE     PROTE BATE       Protoc BATE     Protoc BATE     Protoc BATE     Protoc BATE       State     False Trpe     * Index Trpe     * Enabled       * Administration     * Short Description     * Enabled     * Enabled       * Administration     * Short Description     * Enabled     * Enabled       * Administration     * Short Description     * Enabled     * Enabled       * Administration     * Short Description     * Enabled     * Enabled       * Index Trpe     * Index Trpe     * Enabled     * Enabled       * State Trpe     * Description     * Enabled     * Enabled       State Real     * Enabled     * Enabled     * Enabled       Vew + Format + Protoc State     * Enabled     * Enabled     * Enabled       State Real     * Enabled     * Enabled     * Enabled       State Real     * Enabled     * Enabled     * Enabled	6				x	Index Rates	DashBoard
Servicing       Vev + Format · ② If Prece       Detad. @ Wap       Indee Type       Secretaria         Vev + Format · ③ If Prece       Detad. @ Wap       Indee Type       Perception         Proble       PRUE PATE       PRUE PATE       PRUE PATE         Proble       Proble       Proble       PRUE PATE       PRUE PATE         Storp       Indee Type       Proble       Proble       Proble         Storp       Indee Type       * Decorption       Proble       Store and Add. @ Save and SaV. @ Jone and         Storp       Indee Decorption       * Save and Add. @ Save and SaV. @ Jone and       * Enabled       * Enabled         Storp       * Storn Parameters       * Ondots       * Store Type       * Enabled       * Enabled         Modats       * Decorption       * Store Type       * Enabled       * Enabled       * Enabled         Vev + Format - ③       If freeze       Detads       @ Wap       * Enabled	A=1	A A .				Tool and	Origination
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Administration     Statem     State							
Areditis     Asst Type     Asst Type     Current	Save and Return	Save and Add Save and Stay				Index	Administration
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3. A brief description of the fields is given below:

Field:	Do this:
Index Type	Select the type of index from the drop-down list.
Short Description	Specify a short description of the index.
Description	Specify the index description.
Enabled	Check this box to activate the index type.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

The Index Details section allows you to define multiple index values using the Start Dt and Rate fields.

#### Note

The history appears in descending order, with the most current record at the top.

5. In the **Index Details** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Start Dt	Specify the effective start date for the index rate. You can even select the date from the adjoining Calendar icon.



Field:	Do this:
Rate	Specify the new index rate effective from above mentioned date as a percentage.
	<b>Note</b> : For the FLAT RATE index there should be only one entry with a Start Dt. = 01/01/1900 and a RATE = 0.0000.
Enabled	Check this box to activate the index rate effective from start date mentioned above.

6. Perform any of the Basic Actions mentioned in Navigation chapter.

## Note

Variable rate functionality is not extended to pre-compute accounts.

# 4.3 <u>Currency Exchange</u>

The Currency Exchange screen maintains currency exchange rates. You can define the currency exchange details and schedule a batch job (SET-IFP- ICEPRC\_BJ\_100\_01 - CURRENCY EXCHANGE RATE FILE UPLOAD) which in-turn pulls the currency exchange rates from desired source at scheduled intervals through input file processing.

## To set up the Currency Exchange

- 1. Click Setup > Setup > Products > Currency Exchange.
- 2. In the **Currency Exchange Rates** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard		Currency Exchange $_{\times}$					
Origination		Currency Exchange	Dates			ale Add / Edit	View 🔗 Aud
Servicing		View - Format -		ط Wrap 🚯		JE Con De Foic	∃ Den ∧ offe
Collections		Currency	Currency Pair	Effective Dt and Time		Rate	Enabled
WFP		EUR	JPY	12/23/2015 05:50:49 AM		0.0000	N
		EUR	JPY	12/23/2015 05:50:49 AM		4.0000	Y
Tools		EUR	JPY	12/24/2015 12:48:25 AM		2.9000	Y
etup		INR	JPY	01/24/2016 11:55:30 PM		0.0000	N
		EUR	JPY	08/14/2012 05:12:42 AM		98.3324	Y
Translations	^	EUR	USD	08/14/2012 05:12:42 AM		1.2360	Y
⊿ User		JPY	EUR	08/14/2012 05:12:42 AM		0.0102	Y
Organization		JPY	USD	08/14/2012 06:12:42 AM		0.0128	Y
Companies		OMR	EUR	08/14/2012 05:12:42 AM		2.1014	Y
Access		OMR	JPY	08/14/2012 05:12:42 AM		203.7920	Y
Users		OMR	USD	08/14/2012 05:12:42 AM		2.5973	Y
Credit Bureau		USD	EUR	08/14/2012 05:12:42 AM	6	0.8091	Y
Correspondence		USD	JPY	08/14/2012 05:12:42 AM	43	78.8900	Y
General Ledger		USD	OMR	08/14/2012 06:12:42 AM		55.7165	Y
Queues		EUR	JPY	12/23/2015 05:50:49 AM		3.5000	Y
Printers		EUR	JPY	12/23/2015 05:50:49 AM		3.6000	Y
Bank Details		EUR	OMR	12/23/2015 05:52:38 AM		5.1000	Y
Check Details	8	EUR	JPY	12/24/2015 12:16:26 AM		4.5000	Y
Standard Payees Currencies		EUR	JPY	12/24/2015 12:48:25 AM		3.9000	Y
Zip Codes							
4 Products		<b>Currency Exchange</b>	Rates				
Asset Types						Save and Stay	nd Return 🛛 🏠 Retur
Index Rates	E						
Currency Exchange			Currency EUR			Rate 0.0000	
Scoring Parameters			Currency Pair JPY			* Enabled	
Products			Effective Dt and Time 12/				
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Contract							
Edits							
Cycles							
Scoring Models							
Fees							
Origination Fees							
Compensation							
Commission							
Insurance							
Checklists							
Stipulations							



A brief description of the fields is given below:

Field:	Do this:
Currency	Select the currency being exchanged from the drop-down list.
Currency Pair	Select the currency to be paired with from the drop-down list.
Effective Date and Time	Specify date and time of the exchange rate. You can even select the date from the adjoining Calendar icon.
Rate	Specify the exchange rate (required).
Enabled	Check this box to activate the currency exchange rate.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.4 <u>Scoring Parameters</u>

With the Scoring Parameters, you can define the scoring parameters of a company's credit scorecard and behavioral scoring.

While the system's pricing scores apply to applications and are based on information recorded during origination, behavioral scoring applies to accounts and is based on account history attributes and performed on a monthly basis.

## **Behavioral scoring**

Behavioral scoring examines the repayment trends during the life of the account and provides a current analysis of the customer. This logical and systematic method identifies which accounts are more likely to perform favorably versus accounts where poorer performance is probable. This is useful when determining which other Lines of credit/loan products a customer may qualify for. Behavioral scoring applies to all the three products: loans, lines of credit and leases.

This information appears on the Customer Service form in the Account Details screen's Activities section.

## **Credit Scoring**

Parameters define the factors that can be used when scoring an application during underwriting and generating an initial decision on whether you wish to fund an amount. The combination of the flexible definition of these parameters, along with the scoring set up on the Scoring Models screen, allows you to automate much of the initial decision process in underwriting accounts.

The Formula Definition section on the Scoring Parameters screen allows you to build a mathematical expression to express the scoring parameter, test its validity, and locate specific information with the resulting scoring parameters. The system calculates scoring parameters using application data, credit bureau information, and applicant details.

#### To set up the Scoring Parameters

You can either define new **Scoring Parameters** or specify a new name in the **New Parameter** field and click **Create Copy** to create a copy of selected parameter with details.

1. Click Setup > Setup > Products > Scoring Parameters.



2. In the **Parameters** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Origination										
Servicing	Parameters				74			G	Add 🖉 Edit	View 🗸 Aud
Collections	View - Format		ich 🖉 Wrap 🔞	New Parameter	🕜 Create Copy	Show Expression		Data Tara	Couries Trees	Enabled
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	FIC0_SCORE	FICO SCORE						NUMBER	CREDIT SCORIN	
Tools	JC	JC						NUMBER	CREDIT SCORIN	
tup	TEST	TEST						CHARACTER	CREDIT SCORIN	G N
IProducts Asset Types Linder Rates Currency Exchange Scoting Parameters Products Products Edits Cycles Scoting Models Fees	formula Defin	ition	Parameter BEHAVIORAI * Description BEHAVIORAI * Data Type (RUNBER Data Type (RUNBER Expression	The second se			* Scoring Type	8		1. Yien ØA
Origination Fees	View - Format	🔹 📑 🗍 Freeze 🚮 Deta	ich 📣 Wrap 🔯							
Compensation		Seq (				Variable	Constant Valu	Mathematical Operator	)	Enabled
Commission Insurance		1				ACC_DLQ_DAYS		Operator		Y
Checklists Stipulations Spreads Statement Messages Letters Promotions Subvention Formw										

A brief description of the fields is given below:

Field:	Do this:
Parameter	Specify the name of the scoring parameter. The system recommends entering a name that in some way reflects how the parameter is used; for example, use FICO_SCORE instead of PARAMETER_1.
Description	Specify a description of the parameter. Again, Specify a name that reflects how the parameter is used; for example, use FICO SCORE and WEIGHTED FICO SCORE instead of FICO SCORE NUMBER 1 and FICO SCORE NUMBER 2.
Data Type	Select the data type of the scoring parameter being defined from the drop-down list. This determines how the system handles the values. (While DATE and CHARACTER are available data types, generally only NUMBER should be used when defining a scoring parameter.
Scoring Type	Select the scoring type from the drop-down list: CREDIT SCORING or BEHAVIORAL SCORING.
Enabled	Check this box to enable and indicate that the scoring parameter is available.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

The **Formula Definition** section allows you to define a mathematical expression of the scoring parameter you want to define. The expression may consist of one or more sequenced entries. All arithmetic rules apply to the formula definition. If errors exist in the formula definition, the system displays an error message in this section when you choose Show Expression.



4. In the **Formula Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Seq	Specify the sequence number (the order in which the formula definition variable will be assembled and evaluated).
(	Specify a left bracket, if you need to group part of your formula definition.
Variable	Select the variable from a validated field based on the user-defined table SCR_CRED_SUMMARY: SCORING PARAMETERS, from the drop-down list.
Constant	Specify the constant value (optional).
Value	You can specify varchar values which includes Numbers, Alphabets/ letters, special character/symbols.
Mathematical Operator	Select the math operator to be used on the adjacent formula definition rows, from the drop-down list.
)	Specify a right bracket, if you are grouping part of your formula definition.
Enabled	Check this box to enable the formula and indicate that it is included when building a definition for the scoring parameter.

A brief description of the fields is given below:

- 5. Perform any of the Basic Actions mentioned in Navigation chapter.
- 6. In the **Parameters** section, click **Show Expression**.

The mathematical expression appears in the Formula Expression section (in sequential order) in the Expression field.

# 4.5 Products

The Product screen defines the closed ended products your organization offers. This screen is enhanced to support Islamic along with the conventional.

A product is based on the following attributes:

- The collateral type and sub type
- The billing cycle
- Whether the amount is paid directly or indirectly to the customer

The Product Definition section records details about the product such as the description, start and end dates, collateral type and sub type, credit bureau reporting attributes, billing cycle, index and rate calculation attributes.

System supports 'Biennial' (once every 2 years) and Triennial (once every 3 years) type of billing cycles. Based on the following lookups, the billing cycle 'frequency' can be defined:

- BILL\_CYCLE\_CD
- LOC\_BILL\_CYCLE\_CD for Line of Credit accounts



The Product Itemization section is used to define itemized entries for a product. This information is used on the Itemization sub screens of the Application Entry and Application screens.

The Rate Adjustments section is used to define the frequency of rate change allowed during interest rate calculations.

#### To set up the Product

You can either define new Product details or specify a new product code in the **New Product** field and click **Create Copy** to create a copy of selected product with details.

- 1. On the Oracle Financial Services Lending and Leasing home screen, **Setup > Setup > Administration > User > Products > Products > Line**.
- 2. In the Product Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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n <b>Line</b> Lease									
ne Product							Sterrage Add	🖉 Edit 📃 Vie	ew 🔗 Audit
/lew + Format +	🛃 🔲 Freeze 🚮 Detach 🛯 🖉 Wrap	New I	Product		Create Copy		-1j- 7400		sw 🗸 Addir
Product	Description	Start Dt	End Dt	Direct	Close Account After Paid-Off	Customer Credit Limit	Same Billing Cycle	Enabled	Skip Credit Bu Reporting
CREDIT LINE	REVOLVING CREDIT LINE	07/30/1987	12/31/4000	Y	Y	Y	N	Y	N
LINE AUS	AUS LINE UNSECURED (VR)	12/17/1997	12/31/4000	Y	Y	N	N	Y	N
LINE WEEKLY BIL	LINE WEEKLY BILLING	01/01/2019	12/31/4000	Y	Y	N	N	N	N
LINE-BI-WEEKLY	LINE-BI-WEEKLY	12/17/1997	12/31/4000	Y	Y	N	N	Y	N
LINE-BIENNIAL	LINE-BIENNIAL	12/17/1997	12/31/4000	Y	Y	N	N	Y	N
LINE-TRIENNIAL	LINE-TRIENNIAL	12/17/1997	12/31/4000	Y	Y	N	N	Y	N
LINE-WEEKLY	LINE-WEEKLY	12/17/1997	12/31/4000	Y	Y	N	N	Y	N
LINE_CRB_SKIP	LINE CRB SKIP	01/01/2019	12/31/4000	Y	Y	N	Y	Y	Y
e Product							Save and Stay	Save and Retur	m 🗘 Beturn
	Product CREDIT LINE		* Customer Credit I	mit 🖌		* Crodit E	Sureau Portfolio Type	LINE OF CREDIT	
	* Description REVOLVING CREDIT LINE		* Same Billing C						
					Check to enable/disable Skip Cred		Bureau Account Type	LINE OF CREDIT	*
	* Start Dt 07/30/1987				check to enable/disable skip cred	iit bureau keporung	* Billing Cycle	MONTHLY	*
	* End Dt 12/31/4000 🔯	* SI	ip Credit Bureau Repor				* Category	STANDARD	•
	* Direct 🕑		* Collateral T	ype VEHICI	LE COLLATERAL		Index Rounding	NO ROUNDING TO IN	IDEX RATE
* Close Account	After Paid-Off 🕑		* Collateral Sub T	ype PERSO	NAL PROPERTY VEHICLE				
oduct Itemiza	tions						📌 Add	🖉 Edit 📃 Vi	ew 🔗 Audit
ew 👻 Format 👻	🛃 🔟 Freeze 🚮 Detach 🛛 🖨 Wrap	62							
Itemization						Disc Rate	Sort	Sign Er	nabled
ITM ADMINISTRATI	ION / ACQUISITION FEE						0	💿 +ve 🔵 -ve y	

Field:	Do this:
Product	Specify the product code as defined by your organization (in other words, how you want to differentiate the products). For example, products can be differentiated according to asset. The product code, or name, is unique.
Description	Specify the description of the product. (This is the product description as it appears throughout the system).
Start Dt	Specify the start date for the product. You can even select the date from the adjoining Calendar icon.
End Dt	Specify the end date for the product. You can even select the date from the adjoining Calendar icon.
Direct	Check this box, if you need the product to be originated directly to customer. (In this case, the compliance state is the state listed in the customer's current mailing address.) If unchecked, the product is an indirect lending product; that is, payment is made to the producer. (In this case, the compliance state is the state listed in the producer's address.)



Field:	Do this:
Close Account After Paid-	Check this box to allow the account to be closed once the account is paid off i.e. system closes the account after the number of days specified in the system parameter has elapsed. This option is selected by default.
Off	If not selected, system ignores the system parameter and does not close the account even if the account is paid off i.e. system keeps the accounts active so that the equity can be traded with other accounts. For information on accounts trading, refer to 'Appendix - Trading of Accounts' chapter.
	<b>Note</b> : If the business practice of a financial institution is 'not' to close the accounts then this Indicator need to be unchecked. Mainly in the Vacation Ownership where a Timeshare Loan can be traded anytime even if the account is paid-off, this feature is used.
Customer Credit Limit	Check this box to enable 'Customer Credit Limit' tab in Origination module. Using the 'Customer Credit Limit' tab, an underwriter can define a specific credit limit for the customer while funding the first application and based on that credit limit, subsequent applications can be funded.
	For more information, refer to 'Customer Credit Limit' details in User Guide.
Same Billing Cycle	Check this box to set the same billing cycle (supported only billing cycles Monthly and Weekly) for all the future applications funded for an existing customer.
Enabled	Check this box to activate the product.
	<b>Note</b> : You can check this box only when Rate adjustment schedule is maintained, i.e., All the products should be variable rate products.
Skip Credit Bureau Reporting	Check this box to skip credit bureau reporting of all Accounts funded with this product type - i.e. on funding an application, that particular account is enabled with this parameter and is excluded when the metro II batch job is run for credit bureau reporting.
	This option can also be enabled/disabled at individual account level in Servicing by posting 'Skip Credit Bureau Reporting Maintenance' non-monetary transaction.
	However note that existing behaviour of 'Stop Bureau Account' condition would still be applicable.
Collateral Type	Select the collateral type for the product, from the drop-down list. This field identifies what type of collateral is associated with the and assists the system in identifying the correct screen(s) to display.
Collateral Sub Type	Select the collateral sub type for the product, from the drop-down list.
Credit Bureau Portfolio Type*	Select the credit bureau portfolio type for the product, from the drop- down list.



Field:	Do this:
Credit Bureau Account Type*	Select the account type for the product, from the drop-down list. *Note: The Credit Bureau Portfolio Type and Credit Bureau Account Type fields determine how the portfolio is reported back to the credit bureaus.
Billing Cycle	Select the billing cycle for the product, from the drop-down list.if
Category	Select the category as Standard for the conventional product and Islamic for the Islamic product, from the drop-down list. This serves to group products for reporting purposes.
Index Rounding	Select the index rate rounding factor for the product, from the drop-down list.
	<b>Note</b> : For more information, refer Appendix C: Rounding Amounts and Rate Attributes.

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 4.5.1 **Product Itemizations**

- 1. Click Setup > Setup > Administration > User > Products > Products > Line > Product Itemizations.
- 2. In the Product Itemization sub screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Itemization	Select the itemization type for the product selected in product definition section, from the drop-down list.
Discount Rate	Specify the discount rate.
Sort	Specify the sort order.
Sign	Select +ve for a positive number and -ve for a negative number.
	<b>Note</b> : The +ve and -ve buttons determine whether the values will increase or decrease the itemization total for the product based on the selected product. Together the contents of the Product Itemization sub screen, positive and negative, add up to the amount.
Enabled	Check this box to indicate that this product itemization is currently available.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.6 Pricings

The Pricing screen records pricing information related to your products. the system uses the information in the Pricing Definition section to identify the correct pricing for an application, depending upon the product and the specific application parameters. the system will always search for a unique match.



When you choose the **Select Pricing** while making a decision on the **Underwriting** window, the system displays the best match and completes the Pricing and Approved sections under Summary sub tab. The information in the Approved section cite the minimum amounts for the loan, though the user can edit these figures.

The system determines the best match by looking at all enabled pricing strings on the Pricing screen that meet the following criteria:

- Exactly match the application values for the Promotion and Billing Cycle fields.
- Are less than or equal to the application values for the Term, Amount, Age, and Start Date fields.
- Match either the application value or ALL for all other criteria.

Exact matches for each field are given a higher weight than matches of ALL. The returned rows are then ranked based on the weighted values and the hierarchical position of the field (see above). They are then ranked by start date. The system recognizes the first row returned as the best match.

#### Note

- You should set up a default pricing for each billing cycle and pricing that the system can select to ensure error-free performance. Oracle Financial Services Software recommends creating a single version of each edit type, where ALL is the value in the selection criteria fields listed above. If the system cannot find a pricing match, it will display an error message.
- The system supports the bulk uploading of product pricing setup data. This allows you to upload multiple setup data, avoid re-entering setup data, and more importantly, reduce data entry mistakes. The system currently supports uploading using a fixed-length format only, where each data is at a pre-fixed position. You can run batch jobs with the Set Code SET-BLK to upload pricing and GL data.

System supports 'Biennial' (once every 2 years) and Triennial (once every 3 years) type of billing cycles. Based on the following lookups, the billing cycle 'frequency' can be defined:

- BILL\_CYCLE\_CD
- LOC\_BILL\_CYCLE\_CD for Line of Credit accounts

#### To set up the Pricing

On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
 Administration > User > Products > Pricings > Line.



2. In the Pricing Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Pricings ×												×
Loan Line Lease												
Line Pricing Defi			220							🔒 Add 🥒 Edit	<u>y</u> ew	& Aydit
View - Format -	Freeze		Wrap 🚵	Enabled Ma	turity Margin To	Maturity Margin Rt	Maturity Index		March True	Index	Max Credi	
Pricing	Description	Start Dt				From		Margin To	Margin From			t R
CN_LN_OE_01	DEFAULT PRICING.		12/31/4000 12/31/4000		9900 9900	4.9900 4.9900	PRIME RATE PRIME RATE	24.9900 24.9900	4.9900 4.9900	PRIME RATE PRIME RATE	1000000	1
	DEFAULT PRICING		12/31/4000		9900	4.9900	PRIME RATE	24.9900	4.9900	PRIME RATE	100000	1
SKSK_TEST	SKSK_TEST	12/20/2015	12/31/4000	Y 24.	9900	4.9900	FLAT RATE	24.9900	4.9900	FLAT RATE	100000	1
Line Pricing Defi									Save and	d Stay 🔒 Save	and Return	Ca Beturn
	Pricing Cl	N_LN_OE_01							Asset Type	ALL		
	* Description DE	FAULT PRICING-LC	C		Sel	ection Criteria			* Sub Type	ALL		
	* Start Dt 05	5/12/1994 🔯			* Company ALL				* Asset Make	ALL		
	* End Dt 12	2/31/4000			* Branch				* Asset Model			
	* Enabled 🔽				Billing Cycle Mor	u "			* Age			
		esult				VITLI			Trade-In			•
	R	esuic			* Product ALL				Mileage			
	* Draw Period 7				* State ALL				* Currency			-
					Pro Group ALL				* Promotion			
	* Repmt Period 12	1			* Pro Type ALL				* Asset Value			
										0.00		
	* Repmt Period 12	00000			ucer Region ALL				8170	0.0000		
	* Repmt Period 12 * Max Credit 10	000000 RIME RATE		* Prod	ucer Region ALL er Territory ALL					0.0000		
	* Repmt Period 12 * Max Credit 10 * Index PF * Margin From 4.	000000 RIME RATE 9900		* Prod					* Existing Customer	ALL		
	* Repmt Period 12 * Max Credit 10 * Index PP	000000 RIME RATE 9900 4.9900		* Prod	er Territory ALL			* Existing Cu		ALL		

Field:	Do this:				
Pricing*	Specify the code for the pricing.				
Description*	Specify the description for the pricing.				
* Together these two fields define the name of the pricing.					
Start Dt	Specify the start date for this pricing. You can even select the date from the adjoining Calendar icon.				
End Dt	Specify the end date for this pricing. You can even select the date from the adjoining Calendar icon.				
Enabled	Check this box to enable the pricing.				
Result section					
Draw Period	Specify the draw term for which this pricing is valid.				
Repmt Period	Specify the repayment term for which this pricing is valid				
Max Credit	Specify the maximum credit Limit for this pricing.				
Index	Select the index type associated as FLAT/PRIME RATE from the drop-down list.				
Margin From	Specify the minimum margin rate for the selected index type.				
Margin To	Specify the maximum margin rate for the selected index type.				
Maturity Index	Select the maturity index type associated as FLAT/PRIME RATE from the drop-down list.				
Maturity Margin Rt From	Specify the minimum margin rate for the selected maturity index type.				



Field:	Do this:
Maturity Margin To	Specify the maximum margin rate for the selected maturity index type.
Selection Criteria	
Company	Select the portfolio company for this pricing, from the drop- down list. This may be ALL or a specific company.
Branch	Select the portfolio branch for this pricing. This may be ALL or a specific branch. (This must be ALL if in the Company field you selected ALL), from the drop-down list.
Billing Cycle	Select the billing cycle for this pricing, from the drop-down list.
Product	Select the product for this pricing, from the drop-down list. This may be ALL or a specific product. The available values come from a validated field based on the selected billing cycle and the product setup.
State	Select the state for this pricing, from the drop-down list. This may be ALL or a specific state.
Pro Group	Select the producer group for this pricing, from the drop-down list. This may be ALL or a specific producer group.
Pro Type	Select the producer type for this pricing, , from the drop-down list. This may be ALL or a specific producer type.
Producer Region	Select the region of the producer.
Producer Territory	Select the territory of the producer.
Producer	Select the producer from the drop-down list. This may be ALL or a specific producer. The available values come from a validated field based on the product group and product type.
Grade	Select the credit grade for this pricing, from the drop-down list. This may be ALL or a specific grade.
Credit Limit	Specify the minimum credit limit for which this pricing is valid.
Asset Class	Select the asset class from the drop-down list. This may be ALL or a specific asset class. The available values come from a validated field based on the collateral type. You may create additional user-defined lookup codes for these lookup types as needed.
Asset Type	Select the asset type from the drop-down list. This may be ALL or a specific asset type. The available values come from a validated field based your assets setup.
SubType	Select the asset sub type from the drop-down list. This may be ALL or a specific asset sub type. The available values come from a validated field based your assets setup, and is linked to the selected asset type.



Field:	Do this:
Asset Make	Select the asset make from the drop-down list. The available values come from a validated field based your assets setup and is restricted based on the selected Asset Type and Asset Sub Type. For example, If ALL was selected for either Asset Type or Asset Sub Type, then ALL will be the only available selection for the asset make.
Asset Model	Select the asset model from the drop-down list. The available values come from a validated field based your assets setup, and is restricted based on the selected Asset Type and Asset Sub Type. If ALL was selected for either Asset Type or Asset Sub Type, then ALL will be the only available selection for the asset model.
Age	Specify the asset age (the minimum age for the selected pricing). <b>Note</b> : If your entry in this field is based on the number of years of age of the asset and not the actual year of make, you must update this entry annually to ensure that the proper pricing is available.
Trade-In	Specify if there is a trade in of an asset by selecting Yes/No.
Mileage	If there is a Trade-In of an existing asset, then specify its mileage in km.
Currency	Select the currency for this pricing, from the drop-down list.
Promotion	Select the promotion applicable to this pricing from the drop- down list. The available values come from a validated field based on the promotions setup.
Asset Value	Specify the asset value.
LTV	Specify the loan to value ratio.
Existing Customer	Select one of the following options from the drop-down list to define the applicability of the current pricing definition:
	ALL - Applicable to both existing and new customers
	YES - Applicable to existing customer only
	NO - Applicable to new customer only.
	Based on the selection criteria, system defaults the first pricing for applications with 'Existing customer flag = Y' at primary applicant details.
Existing Customer Since (In Years)	Specify the duration from when customer account was created in the system up to the current date in years.
Selection Criteria : Buse evaluating the total num	<b>siness</b> - allows you to indicate the age of business by ber of years elapsed.
Years In Business	Specify the total number of years in business.
	L

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 4.7 <u>Contract</u>

The Contract screen allows you to define the instruments used within your system. A instrument is a contract used by a financial organization with specific rules tied to it. When processing an application, an instrument associated with the application informs the system of the type of contract being used for the approved loan. This ensures that all parameters tied to the instrument are setup for the account as it is booked - without requiring you to do it.

Instruments can be setup at different levels:

- Company
- Branch
- Product
- Application state
- Currency

The following groups of parameters are setup at the instrument level (Each has its own section on the Contract screen):

- Selection Criteria
- Accrual
- Capitalization
- Scheduled Dues
- Billing
- Delinquency
- Extension
- Advance Details
- Rate Cap And Adjustments
- Other

Items defined in the contract are "locked in" when you choose Select Instrument on the Funding form's Contract link.

The Contract screen's Instrument and Description fields allow you to enter the financial instrument's name and description.

System supports 'Biennial' (once every 2 years) and Triennial (once every 3 years) type of billing cycles. Based on the following lookups, the billing cycle 'frequency' can be defined:

- BILL\_CYCLE\_CD
- LOC\_BILL\_CYCLE\_CD for Line of Credit accounts

#### To set up the Contract

You can either define new Contract Definition details or specify a new name in the **New Instrument** field and click **Create Copy** to create a copy of selected contract with details.

On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
 Administration > Products > Contract > Line



2. On the Contract Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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View - Format -	Freeze 🚮 Deta	ch 🚽 Wrap	New Instru	iment		Create Copy		- 700		w Maar
Instrument	Description	Start Dt	End Dt	Enabled	Capitalize	Company	Branch	Billing Cycle	Product	State
AUS ANLY INS	AUS ANNUALLY INS	03/03/2000	12/31/4000	Y	Y	AUS01	ALL	MONTHLY	ALL	ALL 🔺
AUS_ANLY_INS	AUS_ANNUALLY_INS	03/03/2020	12/31/4000	Y	Y	AUS01	ALL	MONTHLY	ALL	ALL
	. AUS_LINE_FIRST_PAY	03/03/2020	12/31/4000	Y	Y	AUS01	ALL	MONTHLY	ALL	ALL
INS-CAP-MONTHLY		03/10/2018	12/31/4000	Y	Y	ALL	ALL	MONTHLY	ALL	ALL
INS-CAP-QUATERLY	CAP QUATERLY	01/01/2018	12/31/4000	Y a Rortan	nular SYus	ALL	ALL	MONTHLY	ALL	ALL
INS-LINE-BIENNIAL	INS-LINE-BIENNIAL	12/17/1997	12/31/4000	Y	N	SAUDI	SAR1	BIENNIAL	ALL	ALL
	INS-LINE-HE-METROII	12/17/1997	12/31/4000	Y	N	SAUDI	ALL	MONTHLY	ALL	ALL
INS-LINE-TRIENNI.	INS-LINE-TRIENNIAL	12/17/1997	12/31/4000	Y	N	SAUDI	SAR1	TRIENNIAL	ALL	ALL
INS-LOC	LINE OF CREDIT UNSECURE	D 12/17/1997	12/31/4000	Y	N	ALL	ALL	MONTHLY	ALL	ALL
INS-LOC-CREDIT	LINE OF CREDIT UNSECURE	03/11/2020	12/31/4000	Y	Y	ALL	ALL	MONTHLY	ALL	ALL 👻
Balances Amortize	d Balances Itemizations I	iees								
									Cedit View	
Contract Balan		etach 🖉 Wra	n 🐻 🕂 Loa	1 Balances					View	Audit
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View  Format Balance Type ADVANCE / PRIM INTEREST FEE LATE CHARK FEE NSF FEE EXTENSION FEE ADVANCE	Chargeoff Method V Chargeoff Method V CH CHGOFF BALANCE V CHGOFF BALANCE V CHGOFF BALANCE V CHGOFF BALANCE V CHGOFF BALANCE V CHGOFF BALANCE V	/riteoff Method /AIVE /AIVE /AIVE /AIVE /AIVE	Reschedule Method ROLLOVER BALANCE ROLLOVER BALANCE ROLLOVER BALANCE ROLLOVER BALANCE ROLLOVER BALANCE	Sort 100 200 301 302 303 304	Y Y N N N	Y N N N	Y Y Y Y Y	UNDEFINED QUARTERLY QUARTERLY QUARTERLY QUARTERLY	Grace Days 0 2 2 2 2 2 2	Non P Rollov N N N N
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Field:	Do this:	
Instruments section		
Instrument	Specify the code identifying the instrument.	
Description	Specify the description of the instrument being defined.	
Start Dt	Specify the start date for the instrument. You can even select the date from the adjoining Calendar icon.	
End Dt	Specify the end date for the instrument. You can even select the date from the adjoining Calendar icon	
Enabled	If you check this box, the system will consider this contract definition when selecting a instrument for an application.	
	<b>Note:</b> Once the field is enabled load balances button in balances sub tab will be disabled	
Selection Criteria	section	
Company	Select the company for the instrument from the drop-down list. This may be ALL or a specific company.	
Branch	Select the branch within the company for the instrument from the drop-down list. This may be ALL or a specific branch. This must be ALL, if you have selected 'ALL' in the Company field.	
Billing Cycle	Select the billing cycle selected from the drop-down list.	
Product	Select the product for the instrument from the drop-down list. This may be ALL or a specific product.	



Field:	Do this:
State	Select the state in which the instrument is used from the drop-down list. This may be ALL or a specific state.
Currency	Select the currency for the instrument from the drop-down list.
	<b>IMPORTANT</b> : By selecting which type to use, the system searches for a best match using the following attributes:
	1. Billing Cycle
	2. Start Date
	3. Company
	4. Branch
	5. Product
	6. State
	Hence, Oracle Financial Services Software recommends creating one version of each type, where ALL is the value in these fields.
Pricing	Select the pricing in which the instrument is used from the drop- down list. This may be ALL or a specific pricing.
Accrual section	
Accrual Post	Check this box to indicate that this is the post maturity default rate.
Maturity	Extensions allow you to extend the maturity of the contract by one or more terms by allowing the customer to skip one or more payments. The skipped terms are added to the end of the contract.
Accrual Method	Select the accrual method used to calculate interest accrual for this instrument from the drop-down list.
Start Dt Basis	Select to define the start date from when the interest accrual is to be calculated for this instrument from the drop-down list.
	Note:
	If you select the Effective Date, then the interest is calculated from the Contract date.
	If you select the Payment Date, then the interest is calculated based on (first payment date minus one billing cycle).
Base Method	Select the base method used to calculate interest accrual for this instrument from the drop-down list.
Accrual Start Days	Specify the number of days for which the interest accrual is to be calculated.



Field:	Do this:
Int Amortization Freq	Select one of the following interest amortization frequency from the drop-down list:
	- DAILY - if selected, the interest amortization (TAM) GL entries hand-over happens every day.
	- EVERY BILLING CYCLE MONTH END - if selected, the interest amortization (TAM) GL entries hand-over happens on month end of the account billing cycle. For example, if account billing cycle is quarterly, the GL handover happens on month end of the quarter.
Capitalization sec	tion
corresponding acc specific frequency.	you to define capitalization parameters which helps to capitalize the ount balances to the principal balance of the account based on For example, you can capitalize the accumulated Interest or Late alance of the account.
You can either cap frequency for each	italize all the balances based on same frequency or define different type of balance.
	n parameters can also be updated by posting 'CAPITALIZATION nonetary transaction.
	Check this box to enable capitalization parameters for the contract. By default, this option is un-checked.
	The option is available only for the following product types:
Capitalize	- Interest Bearing Loans and Mortgage Loans
	- Interest Rate Method Lease
	- Average daily balance Method Line of Credit
	Select the required capitalization frequency from the drop-down list. The list contains the following types of frequency to either capitalize all the balances based on same frequency or define different frequency for each type of balance.
	- Based on specific intervals such as Monthly, Quarterly, Annual and so on.
Frequency	- Based on contract Billing Frequency, Billing Date, or Due date.
	- Specifically on every Month End.
	- Or -
	- Based on Balance Frequency to define different capitalization frequency for each balance. This can further be defined in Balances sub tab.
Capitalization Start Basis	Select the capitalization start date from the drop-down list as either Contract Date or First Payment Date to calculate the capitalization frequency accordingly.
	However, this field is not enabled for Billing date or Due Date type of capitalization frequency.



Field:	Do this:
Grace Days	Specify the grace days allowed in the frequency (minimum 0, maximum 31) before capitalizing the balances to account. This is also the deciding factor for executing the capitalization batch job which is based on Capitalization Frequency + Grace Days.
	However, note that Grace Days are not accounted for Month End type of capitalization frequency and is ignored even if specified.
Cap Tolerance	Specify the capitalization tolerance amount which is the minimum amount to qualify for capitalization. Any amount less than this is not considered for capitalization of balances.
Amt	This helps to avoid capitalization of nominal or decimal amounts.
	<b>Note</b> : There is no specific accounting maintained for non-capitalized decimals with reference to setup.
Scheduled Dues	section
Max Due Day Change Days	Specify the maximum number of days a due date can be moved.
Due Day Min	Specify the minimum value allowed for the due day for this instrument.
Due Day Max	Specify the maximum value allowed for the due day for this instrument.
	<b>Note</b> : If billing cycle is selected as weekly, then Due Day Max field value cannot be greater than 7.
Max Due Day Change / Year	Specify the maximum number of due day changes allowed within a given year for this instrument.
Max Due Day Change / Life	Specify the maximum number of due day changes allowed over the life of a product funded with this instrument.
Billing section	
Pre Bill Days	Specify the prebill days. This is the number of days, before the first payment due, that accounts funded with this instrument will be billed for the first payment. Thereafter, the accounts will be billed on the same day every month. If an account has a first payment date of 10/25/2003 and Pre Bill Days is 21, then the account will bill on 10/04/2003, and then bill on the 4th of every month.
Billing Type	Select the billing type for accounts funded using this instrument from the drop-down list.
Draw Period Billing Method Billing Method	Select the draw period billing method for accounts funded using this instrument from the drop-down list.
Repmt Billing Method	Select the billing method for the repayment period from the drop- down list.
Draw Billing %	Enter the payment percentage for the draw period.



Field:	Do this:
Repmt Term Payment %	Enter the payment percentage for the repayment draw period.
Multiple Billing Asset Rate	Check this box to indicate if multiple asset rates are applicable for one billing period.
	System considers billing period from current due date to the next due date. Multiple rates are fetched only when rate end date (rate start date + rate frequency) ends one or more cycle(s) before the next due date i.e. current rate record does not cover the entire billing period.
Delinquency sect	ion
Late Charge Grace Days	Specify the number of grace days allowed for the payment of a due date before a late charge is assessed on the account.
Stop Accrual Days	Specify the number of days a contract can be in delinquent state, after which the interest accrual must stop for an account.
	A Batch Job is run daily to select accounts in delinquent status for a pre-defined number of days and post 'No Accrual transaction' for such accounts on current date. When the account recovers from Delinquency, the system will then post a 'Start Accrual Transaction' on the date the account is recovered from delinquency.
Delq Grace Days	Specify the number of grace days allowed for the payment of a due date before an account is considered delinquent. This affects DELQ Queues, the system reporting, and the generation of collection letters.
Time Bar Years	Specify the total number of years allowed to contact the customer starting from the first payment date and beyond which the account is considered delinquent. You can specify any value between 0-999.
Cure Letter Gen Days	Specify the number of delinquency days to initiate cure letter gener- ation.
Cure Letter Valid Days	Specify the number of days during which the issued cure letter is valid. Usually financial institutions will start the collection activities after the lapse of cure letter validity date.
Delq Category Method	Select the delinquency category method to determine how the system populates delinquency counters on the Customer Service form.
	<b>Note</b> : This value does not affect credit bureau reporting.



Field:	Do this:			
<b>Cycle Based Fees</b> - This section allows to define the parameters for calculating cycle based fees at individual account level. Using the below parameters, system derives the Cycle Base Fees and updates the account balances on processing the following batch jobs - TXNCBC_BJ_100_01 (CYCLE BASED COLLECTION LATE FEE PROCESSING) and TXNCBL_BJ_100_01 (CYCLE BASED LATE FEE PROCESSING). For more information, refer to 'Fee Consolidation Maintenance' section in Appendix chapter.				
System calculates the below type of fee in combination of associated and master account and is assessed only when total due crosses 'Threshold' amount (that is defined in Setup > Products > Contract > Fees tab and Setup > Products > Fees screen):				
Fee Late Charge	e (FLC)			
• F	Percentage of sum of payment due			
• F	Percentage of sum of standard payment			
• F	Percentage of sum of billed amount			
Cycle Based Co	llection Late Fee			
• F	-lat amount			
• F	Percentage of sum of payment due			
	Percentage of sum of standard payment			
	Percentage of sum of billed amount			
• F	Percentage of payment due			
• F	Percentage of standard payment			
• F	Percentage of billed amount			
• F	Percentage of total due amount			
• F	Percentage of sum of total due amount			
Cycle Based Lat	te Fee			
• F	-lat amount			
• F	Percentage of sum of total due amount			
• F	Percentage of sum of payment due			
• F	Percentage of sum of standard payment			
• F	Percentage of sum of billed amount			
• F	Percentage of total due amount			
• F	Percentage of payment due			
• F	Percentage of standard payment			
• F	Percentage of billed amount			
Cycle Based Collection Late	Check this box to enable cycle based collection late fee assessment on the account.			
Fee	If selected, the balance type CYCLE BASED COLLECTION LATE FEE is made available in the Balances tab which further allows to define how system should derive the balances when an account is booked and funded.			
	If unchecked (default), system does not display the 'Cycle based Collection Late Fee' balance in Contract >Balances tab on clicking 'Load Balances' button.			



Field:	Do this:
Cycle Based Late Fee	Check this box to enable cycle based late fee assessment on the account.
	If selected, the balance type CYCLE BASED LATE FEE is made available in the Balances tab which further allows to define how system should derive the balances when an account is booked and funded.
	If unchecked (default), system does not display the 'Cycle Based Late Fee' balance in Contract >Balances tab on clicking 'Load Balances' button.
Cycle Based Collection Late Fee Grace Days	Specify the number of grace days allowed before cycle based collection late fee is assessed on the account. This field is enabled only if the Cycle Based Collection Late Fee option is checked above.
Cycle Based Late Fee Grace Days	Specify the number of grace days allowed before cycle based late fee is assessed on the account. This field is enabled only if the Cycle Based Late Fee option is checked above.
	<b>n</b> - If Cycle Based Late Fee is assessed based on above parameters, to enable/disable the option to consolidate the late fee at Master
Late Charge at Master Account	Check this box to allow system to consolidate the late charge assessment at master account level.
Cycle Based Collection Late	Check this box to allow system to consolidate the cycle based collection late fee assessment at master account level.
Fee at Master Account	Ensure that, the option 'Cycle Based Collection Late Fee' is also checked for fee consolidation at Master Account level.
Cycle Based Late Fee at	Check this box to allow system to consolidate cycle based late fee assessment at master account level.
Master Account	Ensure that, the option 'Cycle Based Late Fee' is also checked for fee consolidation at Master Account level.
Extension section	ז
Max Extn Period / Year	Specify the maximum number of terms that the contract may be extended, within a given rolling calendar year.
Max Extn Period / Life	Specify the maximum number of terms that the contract may be extended, within the life of the loan.
Max # Extn / Year	Specify the maximum number of extensions that may be granted within a given rolling calendar year.
Max # of Extn / Life	Specify the maximum number of extensions that may be granted within the life of the loan.
Minimum # Payments	Specify the minimum number of payments that must be made before extension.
Extension Gap in Months	Specify the gap between previous extension provided in the account and current one as specific number of months.



Field:	Do this:	
Advance Details section		
Min Initial Advance	Specify the minimum initial advance amount allowed. This is the smallest possible initial advance that can be disbursed to the borrower after funding.	
Max Initial Advance	Specify the maximum initial advance amount allowed. This is the largest possible initial advance that can be disbursed to the borrower after funding.	
Min Advance	Specify the minimum advance amount. This is the smallest advance amount that a borrower may subsequently request after the initial advance.	
Max Advance	Specify the maximum advance amount. This is the largest advance amount that a borrower may subsequently request after the initial advance.	
Rate Cap & Adjus	stments section	
Max Rate Increase / Year	Specify the maximum rate increase allowed in a year.	
Max Rate Increase / Life	Specify the maximum rate increase allowed in the life of the loan.	
Max Rate Decrease / Year	Specify the maximum rate decrease allowed in a year.	
Max Rate Decrease / Life	Specify the maximum rate decrease allowed during the life of the loan.	
Max # Adjustments / Year	Specify the maximum number of rate changes allowed in a year.	
Max # Adjustments / Life	Specify the maximum number of rate changes allowed during the life of the loan.	
Min Interest Rate (Floor)	Specify the minimum rate.	
Max Interest Rate (Ceiling)	Specify the maximum rate.	
Statement section	n	

#### Statement section

This section allows to define the preferences for Mock Statement generation at Master Account level. Generating a Mock Statement helps to mock the asset billing process with a future date and to get an upfront statement indicating future dues of Master and Associated Accounts. In 'Vacation Ownership' industry, such statements are required to forecast future dues based on current 'Timeshare' holdings.

The selected preference here are propagated to Application > Contract screen when the instrument is loaded.



Field:	Do this:
Mock Statement	Select this check box to indicate if the account is to be include in Mock statement Generation.
Req	<b>Note</b> : Based on this selection, others fields related to Mock Statement below are enabled and becomes mandatory for providing details.
	Select the start month of Mock Statements period from the drop- down list.
Mock Start Month	<b>Note</b> : During the 'Mock Statement Next Run Date' validation if next run date is less than Contract Date or GL Date, system moves the 'Mock Start Month' to same month of next year. For more information, refer to 'Mock Statement Maintenance' in Appendix - Non Monetary transactions sections.
Mock Statement Cycles	Select the total number of billings (between 1-12) that are to be generated post Mock Statement Start Date.
Mock Pre Statement Days	Specify the number of Pre bill days for Mock Statements generation.
Stmt Preference Mode	Select the account statement preference mode as either Email or PHYSICAL from the drop-down list.
	The selected preference will be propagated to Application > Contract screen when the instrument is loaded.
Other section	
Refund Allowed	Check this box to indicate that refunding of customer over payments are allowed.
Refund Tolerance	Specify the refund tolerance amount. If the amount owed to the customer is greater than the refund tolerance, the over payment amount will be refunded if Refund Allowed box is selected.
WriteOff Tolerance Amt	Specify the write off tolerance amount. If the remaining outstanding receivables for accounts funded using this instrument is less or equal to the write off tolerance amount, the remaining balance on the account will be waived.
Pmt Tolerance Amt*	Specify the payment tolerance amount. This is the threshold amount that must be achieved before a due amount is considered PAID or DELINQUENT. If (Payment Received + Pmt Tolerance: \$Value) >= Standard Monthly Payment, the Due Date will be considered as satisfied in terms of delinquency. The amount unpaid is still owed.
Pmt Tolerance%*	Specify the payment tolerance percentage. This is the threshold percentage that must be achieved before a due amount is considered PAID or DELINQUENT. If Payment Received >= (Standard Monthly Payment * Pmt Tolerance% / 100), the due date will be considered satisfied in terms of delinquency. The amount unpaid is still owed.
	The system uses the greater of these two values.



Field:	Do this:
Promise Tolerance Amt*	Specify the promise tolerance amount. This is the threshold amount that must be achieved before a due amount is considered KEPT or BROKEN. If (Payment Received + Promise Tolerance: \$Value) >= Promise Amount, the Due Date will be considered KEPT (satisfied).
Promise Tolerance %*	Specify the promise tolerance percentage. This is the threshold percentage that must be achieved before a due amount is considered KEPT or BROKEN. If Payment Received >= (Promised Amt * Promise Tolerance%), the due date will be considered KEPT (satisfied).
	The system uses the greater of these two values.
Adv Tolerance	Enter the advance tolerance amount.
Adv Tolerance %	Enter the advance tolerance percentage
Default Pmt Spread	Select the default payment spread to be used when receiving payments for this account if one is not explicitly chosen, from the drop-down list.
Min Finance Charge	Enter the minimum finance charge amount.
Minimum Pmt	Enter the minimum billed amount.
Anniversary Period	Enter the anniversary term.
Repmt Currency	Select the currency from the drop-down list.
PDC Security Check	Check this box to indicate that post dated checks are the method of repayment for this contract.
ACH Fee Ind	Check this box to indicate that direct debit fee is included.
	<b>Note</b> : The ACH Fee/Direct Debit Fee balance will be displayed in <b>Balances</b> sub tab only when this checkbox is selected.

## **Extension of Terms**

The system facilitates extension of terms, provided the following conditions are satisfied:

- Specified number or more payments made in the account
- Gap between the previous and current extension provided in the account must be a specific number of months that could be specified

If the above conditions are not satisfied, then the system displays an appropriate error message.

A new transaction Force Extension will be available. This transaction will be posted when you want the system to bypass the extension validations defined at the contract level.

When a backdated transaction with TXN Date exists before the transaction date of extension, all the transactions are reversed and posted again. If extension transaction is posted again, then the validation rules are not validated again.



## Staged Funding

Staged funding for closed-end loans allows you to disburse funds to customers through multiple advances or draws up to the approved amount within a specified "draw period."

#### To create a multiple disbursement contract for a transaction

- 1. In the Contract Definition section, click **Add** and complete the fields following the instructions above, making sure to complete the following steps:
  - In the Advance Details section, select the Multiple Disbursement Permitted check box. When you select a contract instrument that permits staged funding (multiple disbursements) on the Funding screen, the system copies the information for that instrument from the Setup Module screen's Contract screen to the Funding screen's Contract screen.

#### Note

You cannot clear the Multi Disbursement Allowed box in the Advance section on the Contract screen.

 Complete the fields in the Advance Details section to define the limits for initial and subsequent advances for staged funding.

#### Note

This information appears in the Advance section of the Funding screen's Contract link.

2. If you choose, set the following APPLICATION CONTRACT EDITS as an ERROR or WARNING on the Setup Module screen's Edits screen.

#### Note

For more information, see the Edits link (Edits screen) section in this chapter.

- 1. REQUIRED: ADV DRAW END DATE
- 2. XVL: ADV DRAW END DT MUST BE AFTER CONTRACT DT
- 3. XVL: ADV DRAW END DT MUST BE LESS THAN FIRST PMT DT PREBILL DAYS

These edits appear on the Funding screen's Verification screen.

#### Repayment scheduling for staged funding

When funding a loan, the system computes repayment schedules from the contract date, irrespective of whether funds have been disbursed or not. The system uses the approved amount (amount financed) for computing repayment schedules on the contract date.

As the might have been disbursed through multiple draws, or the draws have been less than the approved amount, or the amount may have been repaid in some amount before the draw end date, you may need to change the payment amount. In such cases, you can manually change the payment in the system by posting the monetary transaction CHANGE PAYMENT AMOUNT on the Customer Service screen's Maintenance link.



## **Disbursements for staged funding**

The approved amount for staged funding can be disbursed with the Funding screen or at a later time using the Advances screen. If the first disbursement is requested during funding, you may enter it on the Itemization sub screen of the Funding screen's Contract screen.

If the entire approved amount is not disbursed during initial funding, it can be disbursed using the Advances screen's Advance Entry screen.

If the initial amount on the Advance Entry screen is not within the minimum or maximum limits (as entered in the Advance Details section on the Setup Module screen's Contract screen), the system displays any of the following error or warning messages in the Advances section's Error Reason field:

- ADVANCE AMOUNT IS LESS THAN THE INITIAL ADVANCE AMOUNT MINIMUM -or-
- ADVANCE AMOUNT IS MORE THAN THE INITIAL ADVANCE AMOUNT MAXIMUM

The Advance Entry screen also allows you to enter subsequent funding / disbursements. If subsequent advances are not within the predetermined minimum or maximum amounts, the system displays any of the following warning or error messages in the Advances section's Error Reason field:

• ADVANCE AMOUNT IS LESS THAN THE ALLOWED SUBSEQUENT ADVANCE AMOUNT

-or-

• ADVANCE AMOUNT IS MORE THAN THE ALLOWED SUBSEQUENT ADVANCE AMOUNT

#### Additional messages in the Error Field regarding Staged Funding

If you attempt to post an advance after the draw end date, then the system displays the message in the Advances section's Error Reason field as, "ADVANCE DT IS AFTER DRAW PERIOD END DATE".

If you attempt to post an advance above the approved amounts, including tolerance, the system displays the message in the Advances section's Error Reason field as "ADVANCE AMOUNT IS MORE THAN THE TOTAL APPROVED AMOUNT INCLUDING TOLERANCE".

Since this is not a revolving loan, if any repayment is made against the approved amount principal balance, the system will not adjust the disbursed amount allowing for subsequent additional staged funding or advances.

#### Note

There is no change to the payoff quote functionality in the system. The system uses the actual amount of the advance(s) and any interest accrued since the date of the last payment or credit in the PAYOFF QUOTE VALID UPTO DATE value when the payoff quote is requested before the draw end date.

## 4.7.1 Balances

The Balances sub screen lists the balances that will be established when an account is booked and funded.

CAUTION: Please contact your Implementation Manager for changes to this section.



#### To set up the Balances

- 1. Click Setup > Setup > Administration > User > Products > Contract > Line > Balances.
- 2. On the Balances sub screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Balance Type	Displays the balance type.
Chargeoff Method	Select the charge off method to determine how the outstanding amount of this balance type will be handled from the drop-down list, if the account becomes uncollectable and the product is charged off.
Writeoff Method	Select the write off method to determine how the outstanding amount of this balance type will be handled from the drop-down list, if the account is within the write off tolerance of being PAID.
Reschedule Method	Select the reschedule method to determine how the outstanding amount of this balance type will be handled from the drop-down list, if the account is rescheduled.
Sort	Specify the sort order of how account balances will appear on the Customer Service form's Balance screen.
Billed	Check this box to indicate that outstanding amounts for this balance type are considered a part of the billed amount. This also determines whether payments applied to this balance type are considered when satisfying outstanding amounts due.
Accrued	Check this box to indicate that outstanding amounts for this balance type will be included when interest is accrued against the account.
Non Performing Rollover	Check this box to indicate that "non-performing" is used as an intermediary status on your general ledger prior to charge off and want to create balances for non-performing accounts for this balance type.
	<b>Note</b> : (The Non-Performing Rollover box applies only to Balance Types of ADVANCE/PRINCIPAL and INTEREST. For all other Balance Types, this box would be cleared).
Non Performing Balance Type	Select the balance type you want to rollover from drop-down list, if you select the Non-Performing Rollover box (Advance/ Principal).
Enabled	Check this box to indicate that this balance type will be created when the account is booked and funded
Frequency for the cor	able if the capitalization frequency is selected as Balance ntract and allows you to define capitalization parameters for a int balance such as 'Interest'.
<b>Note</b> : The value of pa header section.	arameters defined in this section supersedes the values defined in



Field:	Do this:
O a si itali - a	Check this box to enable capitalization parameters for the selected balance type. By default, this option is un-checked.
Capitalize	Note: The option is disabled for 'Advance / Principal' type of Loan or Line contracts and for Lease Receivables.
Frequency Grace Days	Select the capitalization frequency from the drop-down list. Frequency can be selected using any of the following options:
	- Based on specific intervals such as Monthly, Quarterly, Annual and so on.
	- Based on contract Billing Frequency, Billing Date, Due date.
	- Specifically on every Month End.
	Specify the grace days allowed in the frequency (minimum 0, maximum 31) before capitalizing the balances to account. This is also the deciding factor for executing the capitalization batch job which is based on Capitalization Frequency + Grace Days.
	However, note that Grace Days are not accounted for Month End type of capitalization frequency and is ignored even if specified.

The system loads the currently defined balances for accounts.

If your organization maintains additional balances, contact your Implementation Manager for information regarding those balances.

## 4.7.2 Amortized Balances

With the Amortize Balances sub screen, you can select one or more balances to be amortized over the life of the loan. You can also define the amortization method.

## To set up the Amortization Balances

- 1. Click Setup > Setup > Administration > User > Products > Contract > Line > Amortized Balances.
- 2. In the Amortization Balances section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Amortize Balance Type	Select the amortize transaction type from the drop-down list.
Amortization Method	Select the amortization method used to calculate the net amortization amount from the drop-down list.
Cost/Fee method	Select the amortization cost/fee method.
Sort	Specify the sort sequence to define the order of the amortize balances.
Enabled	Check this box to enable the amortize balance to be created when the account is booked and funded.



## 4.7.3 <u>Itemizations</u>

On the Itemizations sub screen, you can define the itemized components for each type of contract, indicate if it is required, and determine whether it has a positive or negative bearing on the contract itemization math. You can establish the following groups of itemization transactions:

Advance	Total amount of the product that is not a part of financed fees; in other words, the total amount the customer requested to be advanced.	
Financed Fees	Fees rolled into the principal balance of the product. Financed fees are also considered to be a part of the finance charge.	
Pre-Paid Fees	Fees that are paid by the consumer prior to the funding of the loan. These fees are not rolled into the balance of the product but are considered as part of the finance charge and are included in the calculation of the APR.	
Producer	Fees that are paid to or by the producer of the loan; for example, a fee that is being charged to the producer. These transactions will affect proceeds.	
Escrow	Allows you to connect the actual escrow itemization with the escrow type and the funding transaction.	

## To set up the Itemizations

- 1. Click Setup > Setup > Administration > User > Products > Contract > Line > Itemizations.
- 2. On the Itemization sub screen select the option button to indicate the type of itemization you are working with: Advance, Financed Fees, Pre-Paid Fees, Producer, or Escrow.
- 3. On the Itemization sub screen, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:		
Itemization	Select the itemization from the drop-down list.		
Disbursement Type	Select the disbursement type from the drop-down list.		
Transaction	Select the funding transaction type from the drop-down list.		
Itemization Type	Select the itemization type from the drop-down list.		
	Notes:		
	1. On selecting the "Prefunding Txns" as itemization type, it indicates that this particular itemization expects a payment from the customer prior to funding.		
	2. The itemization type "Prefunding Txns" is available only for loans.		
Sort	Specify the sort order to define the order of the itemization transactions.		



Field:	Do this:
Sign	If the itemized transaction increases the group balance, click +ve.
	-or-
	If the itemized transaction decreases the group balance, click -ve.
Enabled	Check this box to enable the itemization and indicate that this itemization transaction will be created when the account is booked and funded.
Amortize Balance	Select the amortize balance affected by this itemization transaction from the drop-down list. <b>Note</b> : Advance itemizations do not affect amortize balances.
Refund Calculation Method	Select the refund calculation method from the drop-down list
Taxable	Check this box, if the itemization type is taxable. However, note that the taxable option defined in Setup > Administration > System > Sale Tax screen will supersede with this preference.
Seller Pmt	Check this box to enable seller payment
Escrow	Select the escrow from the drop-down list.
Itemization Formula	Select the itemization formula description from the drop-down list.
Refund Calculation Method	Check this box to enable Refund calculation Method.
Escrow Required	If this is an escrow account, check this box to indicate that an escrow is required during the application process (though at that time the user can choose Opt Out to decline.)
Discount. Rate	Specify the discount rate for the itemization.

## 4.7.4 <u>Fees</u>

Any fees that are defined in the contract are set up on the Fees sub screen. The system currently supports the following contract fees:

- Late charges
- Non sufficient funds
- Extensions
- Prepayment penalties
- Delay Fee
- ACH Fee

The Fees sub screen allows you to define those fees whose value and method of calculation are set at the time of the loan. As these amounts cannot be changed after the product is booked and funded, you should only set up fees here that will not change over the life of the



loan. Individual contract fee types may be defined multiple times in order to create graduated fees.

#### Note

Certain fees, like late fees, can be set up at contract, as well as state level. In such cases, the contract fee, if present, is used first.

#### To set up the Fees

- 1. Click Setup > Setup > Administration > User > Products > Contract > Line > Fees.
- 2. In the Fees section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:	
Туре	Select the fee type from the drop-down list.	
Txn Amt From	Specify the lowest transaction amount or balance amount against which this contract fee definition may be applied.	
Credit Limit From	Specify the minimum value of credit limit for the pricing.	
Method	Select the method of calculating the fee to be assessed from the drop- down list.	
Frequency	Select the frequency of calculating the fee to be assessed from the drop-down list.	
Threshold Amt	This field is enabled only if the Contract Fee type is either CYCLE BASED COLLECTION LATE FEE or CYCLE BASED LATE FEE.	
	Specify the threshold amount which is less than or equal to minimum fee amount to be assessed. Based on this amount, system calculates and posts the Cycle Based Collection Late Fee or Cycle Based Late Fee based on the account.	
	If calculated fee amount is less than threshold amount, fee is posted with transaction amount = $0$ .	
	If calculated fee amount is greater or equal to threshold amount, fee is posted based on existing min amt and max amt comparing logic.	
Min Amt	Specify the minimum fee amount to be assessed.	
Max Amt	Specify the maximum fee amount to be assessed. If you selected FLAT in the Method field, then this field is not used and is normally populated as \$0.00.	
Percent	Specify the fee percentage of the outstanding transaction amount to be assessed as a fee. This amount will be adjusted to fall within the Min Amount and the Max Amount.	
Enabled	Check this box to create the selected contract fee when the account is booked and funded.	

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 4.8 Edits

Edits ensure your organization's guidelines are properly followed and that all exceptions are sent to the appropriate personnel to review.

You can configure your system so that during the origination process, at each change to an application's status, the system will perform a set of edits on the Verification link's Edits screen (found on the Application Entry, Underwriting, and Funding windows).

Edits ensure your organization's guidelines are properly followed and that all exceptions are sent to the appropriate personnel to review. If the edits check fails, then the system will not allow the change of status, and the application will remain in its current status. This screen allows you to define the validations the system must perform on the Verification master tab, as the status of application changes.

Origination edits are used to validate applications entered through the standard Application Entry and Applications windows. The Edits screen contains two sections, the Edit Type Definition section and the Edit Sub Type Definition section.

#### To set up the Edits

You can either define new Edit Type Definition details or specify a new name in the **New Edit Type** field and click **Create Copy** to create a copy of selected edit type definition with details.

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Edits > Line.
- 2. On the Edits screen, choose Origination or Open Interface.
- 3. In the Edit Type Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Edits ×									×
Origination	Loan Line Lease									
Servicing										
Collections	Edit Type Definit	tion						de Add		Audit 🔗
WFP	Origination      Or	ana Tabadana								
Tools	Congination C of	Jen interface								
tup	View - Format -	Freeze Detach	Wrap لي	65	New Edit Type	Create Cop	w			
etup	4									
Administration System	Edit	Description	Edit Type	5)	stem Defined	Enabled	Company			
> User					Yes • No	N				
Products	CNLNOE_ADC_EDI	. APPLICATION APPROVAL EDITS	APP APPROV	AL ED	🔍 Yes 💌 No	Y	ALL			
Asset Types Index Rates	CNLNOE_ADC_EDI.	APPLICATION DECLINE EDITS	APP DECLINE	EDITS	🛛 Yes 🖲 No	Y	ALL			
Currency Exchange	CNLNOE_ADC_EDI.	. APPLICATION AUTO APPROVAL	APP AUTOMA	TIC	🛛 Yes 💌 No	Y	ALL			
Scoring Parameters	CNLNOE_APP_EDL.	APPLICATION ENTRY EDITS	APP ENTRY E	DITS	🔍 Yes 💿 No	Y	ALL			
Products Pricings	CNLNOE_APP_EDL.	APPLICATION PRESCREENING ED	APP PRESCRE	EENIN	🔾 Yes 🖲 No	Y	ALL			
Contract	CNLNOE_APP_EDL.	APPLICATION PREQUALIFICATIO	APP PREQUAL	LIFIC	🔍 Yes 💌 No	Y	ALL			
Edits	CNLNOE_CON_ED.	APPLICATION CONTRACT EDITS	APP CONTRA	CT E.	Yes () No	Y	ALL			
Cycles	4									
Scoring Models Fees										
Origination Fees	Edit Type Definit	tion								
Compensation								Save and Add Save and Stay	Save and Return	Ca Return
Commission										
Insurance Checklists		* Edit				Selection C	riteria	* Channel ALL		•
Stipulations		* Description						* Product ALL		
Spreads		* Edit Type			•	* Company ALL	٣	* State ALL		۲
Statement Messages		* System Defined 🔘 Yes 🖲	No			* Branch ALL	٣	* Currency ALL		۲
Letters Promotions		* Enabled								
Subvention	Edit Sub Type D	-Cubber						de Add	Arr. Die	.1
Escrow	View + Format +		1.0.00	69				A. 900	🖉 Edit 🗌 View	⊘ Augun
WFP Index Rates		E Preeze Detach	çu wrap	653						
Fees	4									
Pricings	Edit Sub Type	Edit				Result			Enabled	Value
Contracts	No data to display.		_	_						
Balances	•									



A brief description of the fields is given below:

Field:	Do this:
Edit	Specify the edit name.
Description	Specify the description for the edit.
Edit Type	Select the edit type code from the drop-down list.
System Defined	Select 'Yes', if the entry is system defined. System defined entries cannot be modified. Select 'No', if the entry is not system defined and it can be modified.
Enabled	Check this box to enable the edit.
Company	Select the portfolio company associated with this edit, from the drop-down list. This may be ALL or a specific company.
Branch	Select the portfolio branch within the company associated with this edit, from the drop-down list. This may be ALL or a specific branch. This must be ALL if you selected ALL in the <b>Company</b> field.
Channel	Select the channel from the drop-down list, This can be ALL or a specific channel.
Product	Select the product associated with this edit, from the drop-down list. This may be ALL or a specific product.
State	Select the state with this edit from the drop-down list. This may be ALL or a specific product.
Currency	Select the currency associated with this edit, from the drop-down list. This may be ALL or a specific branch.

- 4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 5. In the Edit Sub Type Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Edit Sub Type	Select the edit sub type for the edit, from the drop-down list.
Edit	Select the description for the edit, from the drop-down list.
Result	Select the result type for the edit, from the drop-down list.
Enabled	Check this box to enable the edit.
Value	Specify the expected value for the first edit. The Value field records the threshold value for the edit. The actual function of the entered value is dependent on the edit category.



Field:	Do this:
Override Responsibility	Select the responsibility that can override the edit, from the drop-down list, if the edit result is an override. Designates the user responsibility level required to continue processing applications that fail the edit based on the Value field. You may define the same edit multiple times with a Result = OVERRIDE and different Value and Override Responsibility combinations to encompass various results.
System Defined	Select 'Yes', if the entry is system defined. System defined entries cannot be modified. Select 'No', if the entry is not system defined and it can be modified.

Using the **Edit Type** field of the **Edit Type Definition** section, you can define when you want the edits check to occur by selecting from the following list of edit types:

Edit type:	Description:
APP ENTRY EDITS	Edits that normally run on Application Entry form.
APP PRESCREENIN G EDITS	Edits that run between application entry and the pulling of a credit bureau. These edits determine whether the application should be reviewed further, and whether a credit bureau should be pulled.
PRE Qualify Edits	Edits that run to check whether the minimum details which are required to prequalify the application are satisfied or not.
APP AUTOMATIC APPROVAL EDITS	Edits that run after a credit bureau has been pulled and scored. These edits determine whether an application should be automatically approved or declined.
APP APPROVAL EDITS	Edits that run whenever an application is manually changed to a status/sub status that indicates the application (in its current state) should be approved.
APP DECLINE EDITS	Edits that run whenever an application is manually changed to a status/sub status that indicates the application (in its current state) should be declined.
APP CONTRACT EDITS	Edits that run whenever an APPROVED or CONDITIONED- APPROVED application is about to be funded. These edits ensure the validity of the contract data.

Each entry in the Edit Sub Type field is grouped into the following categories:

Origination edit sub types:	Description
ORIGINATION APPLICANT EDITS	Edits that pertain to data entered for an applicant on an application.



Origination edit sub types:	Description
ORIGINATION APPLICATION EDITS	Edits that pertain to data entered for the requested loan.
ORIGINATION ASSET EDITS	Edits that pertain to data entered for asset entered on the application.
ORIGINATION CONTRACT EDITS	Edits that pertain to data entered for the contract on the application.
ORIGINATION CREDIT BUREAU EDITS	Edits that pertain to data gathered from the credit bureau reports for the applicants on the application.
ORIGINATION DECISION EDITS	Edits that pertain to data required to make a decision on the application.

Each entry in the Edit Sub Type field can be set up with more than one entry in the Description field. The purpose of specific edits fall into the following types:

Description starts with:	(Edit Category) Description of Edit Category:
CHD:	(RECORD POPULATION EDITS) Check for the existence of an entire data record.
DUPLICATE:	(DUPLICATION EDITS) Check for duplication of existing data.
RANGE:	(VALUE RANGE/TOLERANCE EDITS) Check to determine whether data entered for a specific data field is within the specific tolerance.
REQUIRED:	(REQUIRED FIELD EDITS) Check to determine whether a specific data field has been populated within a data record.
FLK:	(LOOKUP VALUE EDIT) Check API entered data against the existence of that value in the related lookup types lookup codes.
XVL:	(CROSS VALIDATION EDIT) Check to determine whether specific field, or set of fields, value corresponds to a value obtained by calculating them from another field or set of fields (for example, Total Payments = Terms * Standard payment amount).



An Edits check can produce one of three results: an ERROR, a WARNING, or an OVERRIDE.

Edit type:	Results:
ERROR	The system will prevent you from proceeding when an edits check fails. The only option is to change the source data. The application will revert to its previous status/sub status. The user will be directed to correct the specific error. Until the edits that return an ERROR value are addressed, the user cannot continue processing the application.
Warning	When an edits check fails in these cases, the system allows the process to continue. Warnings serve as informational messages and can be ignored. The user will be notified that an edit failed, but the failure need not stop the current processing of the application. The user can either ignore the error, or have the application revert to its previous status/sub status and address the error before processing the application further.
Override	The edit check has failed; however, the system allows users with the responsibility specified in the Override Responsibility field to continue. Multiple override levels can be setup depending upon the resulting value of the edit. If the user has override responsibility, the application will process as if the edit had not failed. If the user does not have override responsibility, the application will revert to its previous status/sub status and the sub status changes to OVERRIDE REQUIRED. The system will then direct the application to a user with the authority to process the application. (See the Queues chapter for more information).

#### Note

Do not set the Result field to Override for credit application edits.

## 4.8.1 Interfacing OFSLL with Oracle Rule Author

Oracle Business Rules is a component of Oracle Application Server that enables applications to rapidly adapt to regulatory and competitive pressures. This increased agility is possible due to the adoption of Oracle Rule author wherein a lending Institution can create or change a business rule without having to indulge in coding and also without stopping the business process. Also, externalizing business rules allows to manage business rules directly, without involving programmers. It provides best of breed solutions that would help in configuring the rules very quickly by a business analyst or user with some insight on the database.

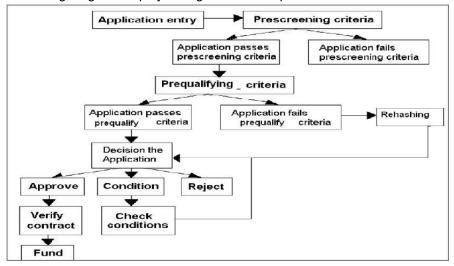
## 4.9 Cycles

The Cycles screen allows you to define the origination workflow process of your organization. As you delineate the steps in the origination process, you will also define:

- The user responsibilities that have access to perform the steps
- Any edits you want the system to perform between changes in status/sub status.



The following diagram displays the general concept of workflow:



Cycle code definitions drive the application cycle. The following pairs of status/sub status define status/sub statuses that have system defined meanings and should be included in your origination workflow, if they are not already included.

After entering the basic details of the applicant, you can check whether the application prequalifies or not. If the pre-qualified edits are satisfied, the status is changed to **NEW-PREQUALIFY APPROVED** and you can modify or update any further details in the Application Entry screen. If the edits are not satisfied, the application will be pushed to the REJECTED APPLICATIONS queue with a status update to **REJECTED-PREQUALIFY REJECTED**, then you can also view the rejected pre-qualification in the Underwriting window.

#### Note

The system status and sub status lists are predefined and cannot be changed by the administrator. If you require additional sub status codes, please contact Oracle Financial Services Software to determine whether they can be added.

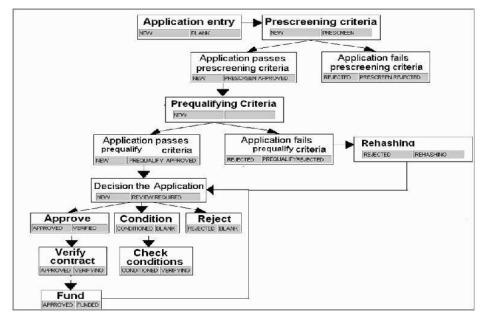
Status/Sub status:	Description:
NEW-BLANK	This is the status/sub status of applications during data entry. Applications remain NEW-BLANK until you choose the <b>Next</b> <b>Application</b> on the Application Entry form and the system successfully performs the application edits check.
NEW- PRESCREEN	The system processes the prescreen edits to determine whether a credit report should be pulled for this application or not.
NEW- PRESCREEN APPROVED	Applications in this status/sub status have passed the prescreen edits. The system will now request a credit bureau pull.
NEW- PREQUALIFIC ATION	The system checks the applicant details whether it is qualified or not.
NEW- PREQUALIFY APPROVED	If the pre-qualified edits are satisfied, the status is changed to <b>NEW-</b> <b>PREQUALIFY APPROVED</b> and you can modify or update any further details in the Application Entry screen.



Status/Sub status:	Description:
REJECTED- PREQUALFY REJECTED	If the edits are not satisfied, the application will be pushed to the REJECTED APPLICATIONS queue with a status update to REJECTED-PREQUALIFY REJECTED.
REJECTED- PRESCREEN REJECTED	Applications in this status/sub status failed the prescreen edits. These applications will receive no further processing. The producer will be sent a decision fax and the consumer will receive an adverse action letter.
NEW- REVIEW REQUIRED	Either based on the scoring of the application's credit bureau(s) pull, or the fact that a credit bureau report was not successfully obtained, the application needs to be reviewed by an underwriter.
NEW- RECOMMEND APPROVAL	Based on the scoring of the application's credit bureau(s) pull, the application should be reviewed by an underwriter. However, based on the current setup, the system recommends approving this application.
NEW- RECOMMEND REJECTION	Based on the scoring of the application's credit bureau(s) pull, the application should be reviewed by an underwriter. However, based on the current setup, the system recommends rejecting this application.
APPROVED- AUTO APPROVED	Based on the scoring of the application's credit bureau(s) pull, the system automatically approves the application. The producer will be sent a decision fax, and the application will be passed to funding.
REJECTED- AUTO REJECTED	Based on the scoring of the application's credit bureau(s) pull, the system automatically rejects the application. The producer will be sent a decision fax and the consumer will receive an adverse action letter.
APPROVED- BLANK	Application has been manually approved. Normally this occurs when an application is in the NEW- RECOMMEND APPROVAL, NEW- RECOMMEND APPROVAL status/sub status, or less often in the NEW- RECOMMEND REJECTION status/sub status. Any cycle code definition with next values of APPROVED-BLANK should have a lookup value of APP APPROVAL EDITS to ensure that all of the required data has been gathered in making the decision to approve the application (unless the application is currently in a status/sub status that assures the APP APPROVAL EDITS have been run).
NEW- OVERRIDE REQUIRED	A user without sufficient override authority attempted to approve an application, which, based on setup, required a higher over-ride authority to approve.
APPROVED- VERIFYING	Contract has been received from the producer.

Status/Sub status:	Description:
APPROVED- FINAL DOCUMENT CHECK	The contract has been reviewed and the data is correct. Normally this occurs when an application is in APPROVED-FINAL DOCUMENT CHECK OR CONDITIONED-FINAL DOCUMENT CHECK status/sub status. Any cycle code definition with next values of APPROVED-FINAL DOCUMENT CHECK or CONDITIONED-FINAL DOCUMENT CHECK should have a value of APP CONTRACT EDITS to ensure that all of the required data has been gathered in making the decision to approve the application, unless the application is currently in a status/ sub status that assures the APP CONTRACT EDITS have run.
APPROVED- VERIFIED	The application has been processed and is awaiting funding.
APPROVED- FUNDED	The application has been funded, and a check requisition has been created. If Customer Service form is being used, then an account is also created at this time.
REJECTED- BLANK	The application for whatever reason is being manually rejected regardless of its current status/sub status. Any cycle code definition with Next values of REJECTED-BLANK should have a lookup value of APP DECLINE EDITS to ensure that all of the required data has been gathered in making the decision to approve the application (unless the application is currently in a status/sub status that assures the APP DECLINE EDITS have run).
WITHDRAWN- BLANK	The applicants have indicated that they are no longer pursuing this loan.
CONDITIONED - <any></any>	These status/sub status pairs are analogous to the corresponding APPROVED- <any> pair and indicate that the application has had additional conditions placed on its approval.</any>
<any>-<any override&gt;</any </any>	Requires OVERRIDE approval. The meaning of the sub status is analogous to the corresponding OVERRIDE sub status, and may require that specific EDITS run before proceeding.
<any>-AGED APPLICATION</any>	These applications have been decisioned but no contract has been received after a period of time determined by setup. If not acted on, these applications will become VOID.
<any>-AGED CONTRACT</any>	Contracts have been received after a period of time determined by setup. If not acted on these applications will become VOID.
<any>-void</any>	Indicate application previously had a sub status of AGED CONTRACT or AGED APPLICATION. These applications have not been completed and were made VOID after another period of time had passed.

Using these status and sub status, let us re-examine the early workflow diagram in this section.



In the Cycles setup screen, you can also define how Status change of an application is to be permitted in the system i.e. you can configure the system to validate and allow a specific user / responsibility to perform the subsequent status change of the application.

It is like either same 'User/Responsibility' is 'Permitted' or 'Not Permitted' to perform subsequent cycle changes of an application. This can be achieved in Cycle Code Definition section in 'Validate Successive Change' field.

#### Note

It is extremely important that the APP CONTRACT EDITS run prior to an application being funded. All cycle code definitions should be reviewed to ensure that there are no paths through the origination cycle that bypass this EDIT type.

#### To set up the Cycles

On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
 Administration > User > Products > Cycles > Line



2. In the **Cycle Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Cycle Definitio	n					🕂 Add 🥖 Edit	View 🗸 Audit	ŧ
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Cycle	Туре						Product	
CN_LN_OE_ORG	ORGINATION CYCLE						ALL	
Cycle Code De		æ				Add 🖉 Edit	∑iew ⊘ A <u>u</u> di	
Current Code	Current Sub Code		Next Code	Next Sub Code	Origination Stage Code	Edit Type	Validate Successive Change	
APPROVED	ADDENDUM RECEIVED		APPROVED	BACK TO DEALER	CONTRACT	NO EDITS	NONE	
APPROVED	ADDENDUM RECEIVED		APPROVED	CONTRACT OWNE		APP CONTRACT E		
APPROVED	ADDENDUM RECEIVED		APPROVED	DOCUMENTS MIS		NO EDITS	NONE	
APPROVED	AGED APPLICATION		APPROVED	AGED APPLICATION		NO EDITS	NONE	
APPROVED	AGED APPLICATION		APPROVED	VERIFYING	CONTRACT	NO EDITS	NONE	
APPROVED	AGED APPLICATION		APPROVED	VOID	DECISIONED	NO EDITS	NONE	
APPROVED	AGED CONTRACT		APPROVED	AGED CONTRACT	CONTRACT	NO EDITS	NONE	
APPROVED	AGED CONTRACT		APPROVED	VERIFYING	CONTRACT	NO EDITS	NONE	
APPROVED	AGED CONTRACT AUTO APPROVED		APPROVED	VOID DEAL UPDATE	DECISIONED REVIEW	NO EDITS NO EDITS	NONE	-
AFFROVED	ACTO APPROVED		APPROVED	DEAL OFDATE	REVIEW.	NO EDITO	NONE	
Cycle Code De	finition				Save a	nd Stay	nd Return 🛛 <>	n
	Current Code APPROVED	Next Sub Code BAC	K TO DEALER		alidate Successive	Changes NONE		
	Current Sub Code ADDENDUM RECEIVED	* Origination Stage Code COM		~	alloate Successive	change worke		-
	Next Code APPROVED	* Edit Type NO		~				

A brief description of the fields is given below:

Field:	Do this:
Cycle	Specify the cycle code.
Туре	Displays the cycle type.
Product	Select the product from the drop-down list.

3. In the **Cycle Code Definition** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:							
Current Code	Select the current code to transition FROM, from the drop-down ist.							
Current Sub Code	Select the current sub code to transition FROM, from the drop- down list.							
Next Code	Select the current code to transition TO from the drop-down list.							
Next Sub Code	Select the next sub code to transition TO, from the drop-down list.							
Origination Stage Code	Select the origination stage code of the application from the adjoining drop-down list.							
Edit Type	Select the edit type to associate to the cycles, from the drop-down list.							



Field:	Do this:
Validate Succes- sive Change	Select the type of user / responsibility who is permitted to perform application status change. The following options are available in the drop-down list as maintained in the Lookup Type STA- TUS_CHANGE_VALIDATION_CD.
	NONE: (Default option) Here system does not validate for User / Responsibility while making status change.
	USER - SAME: Here system validates for same User while mak- ing the status change.
	USER - DIFFERENT: Here system validate for different User while making the status change.
	RESPONSIBILITY - SAME: Here system validates for same Responsibility of the Current User while making the status change.
	RESPONSIBILITY - DIFFERENT: Here system validates for differ- ent Responsibility of the Current User while making the status change.
	Note that, the application status change is further controlled by 'Sub Code' value defined in cycle setup for Lookup Type STA- TUS_CHANGE_VALIDATION_CD. For example, if Sub Code =2 for USER - SAME Lookup Code, then the previous 2 cycles of sta- tus change has to performed by the same user.
	When a wrong user/responsibility is trying to change the status of the application, system validates with above selection and dis- plays an error indicating 'User/Responsibility must be same or dif- ferent between current and previous status change'.
	During such cases, to know which User or Responsibility has per- formed the previous application status change, refer to appropriate columns in Underwriting / Funding > Verification tab > History sub tab.

- 4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 5. In the **Cycle Code Responsibility Definition** section, you can define the responsibilities that are authorized to change the code. If you have selected a specific user / responsibility in the 'Validate Successive Change' field in the above section, it is recommended to define the user responsibility in this section. Perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Responsibility	Select the responsibility that will be capable of executing this transition, from the drop-down list.
Allowed	Select 'Yes' to allow change to the status responsibility and 'No' to disallow.

6. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 4.10 Scoring Models

The Scoring screen allows you to setup individual and multiple scoring models. You can define different scoring models by company, branch, currency and product. Scoring models are used to automate the decisioning process during underwriting and grade applications.

When you complete the Application Entry process, the system determines which scoring model to use by finding a best match. The system searches the Company, Branch, Currency and Product fields of all enabled scoring models that contain either the exact value on the application or ALL. (Exact matches for each field are given a higher weight than matches to ALL.) The system then ranks the returned matches in descending order, based on the weighted values and the hierarchical position of the field and then by Start Date. The system recognizes the first row returned as the best match. This scoring model information is then used to determine the next status and sub status of the application.

If you use a standard bureau score as a scoring model, you can set up the system to use the adverse action reasons provided by the standard bureau score on the Stipulations sub screen.

#### To set up the Scoring

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Scoring Models > Line. You can set the following categories of scoring models:
  - Credit Score Models

## 4.10.1 Credit Score Models

You can either define new Credit Score Model or specify a new name in the **New Credit Model** field and click **Create Copy** to create a copy of selected score model with details.

1. Click Setup > Setup > Administration > User > Products > Scoring Models > Line > Credit Score Models.



• In the Score Models section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

DashBoard	Scoring Models X												8
Drigination	Loan Line Lease												
Servicing	Credit Score Models	Rohavi	oral Score M	ladak									
Collections	cicult store routes	Denuvi	orar score ri	ivici i									
NFP	Score Models											🕂 Add 🖉 Edit	🗌 View 🔗 Audit
Tools	View - Format -		Freeze	Detach	ط Wrap	0	New Behavioral Model		Create Copy				
up	Model	Desci	iption				Start Dt	End Dt	Enabled	Max Score Company	Branch	Product	Currency
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Fees Origination Fees Compensation Commission	View ▼ Format ▼ Parameter No data to display.		Freeze	Detach	الي Wrap Max Valu	ive Enabled	1						
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Spreads Statement Messages Letters Promotions Subvention	Value From No data to display.	Val	ue From									Percent /	Value Enabled



A brief description of the fields is given below:

Field:	Do this:
Model	Specify the code for the scoring model.
Description	Specify a description of the scoring model.
Start Dt	Specify the start date for the scoring model. You can even select the date from the adjoining Calendar icon.
End Dt	Specify the end date for the scoring model. You can even select the date from the adjoining Calendar icon.
Enabled	Check this box to enable the scoring model.
Results section	
Max Score	Specify the maximum score allowed. (This is normally the sum of the Max Value fields within the scoring parameters.).
Selection Criteri	a section
Company	Select the company for the scoring model, from the drop-down list. This may be ALL or a specific company.
Branch	Select branch within the company for the scoring model, from the drop-down list. (This may be ALL or a specific branch. However, if you have selected 'ALL' in Company field, then you must select 'ALL' for this field).
Product	Select the product for the scoring model, from the drop-down list. This may be ALL or a specific product.
Currency	Select the currency for the scoring model, from the drop-down list. This may be ALL or a specific currency.
Bureau Score Reasons	Check this box to use the score reasons supplied by the credit bureau. If unchecked, then automatically rejected applications scored using this scoring model display the Adverse Action Reasons from the Parameters sub screen.
Auto Decision	Check this box to assign an application, a status/sub status based on the grade associated with the score returned for this scoring model. If not selected, the system assigns applications scored using this scoring model a status/sub status of NEW-REVIEW REQUIRED.

2. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

## **Parameters**

The Parameters records the parameters used to determine the score calculated by the scoring model. You can define multiple parameters and adverse action reason associated with each parameter in a scoring model. Each scoring parameter can have maximum values set. The score range is based upon the information in the Range Definition section on the Parameters sub tab.



The system calculates a final score by adding the score for each parameter in the scoring model. A parameter weighted value is used to find the four adverse action reasons, if bureau reasons are not used.

#### Note

- A character parameter range definition should contain the exact value of the parameter.
- Each scoring parameter should have range definitions defined that encompass all of the values that might result.
- 1. Click Setup > Setup > Administration > User > Products > Scoring Models > Line > Credit Score Models > Parameters.
- 2. In the Parameters section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Parameter	Select the parameter from the field, from the drop-down list.
Max Value	Specify the maximum value allowed for the selected parameter.
Adverse Action Reason	Select the adverse action reason, from the drop-down list. (If, on the Scoring Models screen, the Bureau Screen check box is checked for the scoring model, you cannot update this field).
Weighted Value	Specify the adverse action weighted value. This indicates the priority of this parameter when determining which adverse action reasons to use on the application. The top ten adverse action reasons based on the weighted value of the parameter will be populated.
Enabled	Check this box to enable the parameter.

- 3. Perform any of the **Basic Actions** mentioned in Navigation chapter.
- 4. The Range Definition section allows you to translate the calculated value for a scoring parameter into the value to be used, depending on the returned value of the parameter
- 5. In the Range Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Value From	Specify the lowest calculated value to apply the specific translation. The ceiling of the range definition is based on the range definition with the next highest Value From or the Max Value of the scoring parameter (whichever is less).



Field:	Do this:
Value From	Select the following options to determine how values for a scoring parameters are translated:
	% Max Value – If selected, then the calculated values within the range definition receives a value based on a percentage of the Max Value of the scoring parameter.
	% Param – If selected, then the calculated values within the range definition receives a value based on a percentage of the calculated value of the scoring parameter.
	Value – If selected, then the calculated values with in the range definition receives a specific value.
Percent / Value	Specify the percent or value to be used in the translation of the calculated value of the scoring parameter.
Enabled	Check this box to consider this range definition while translating values for this scoring parameter.

## **Grades**

The Grades sub screen allows you to define how the system translates the scoring model scores into your organization's grade. The system uses these grades in the auto-decisioning process. Each grade has a specific status/sub status that informs the system what to do with the application of a particular grade as it continues through the origination cycle.

#### Note

Each scoring model should have grade definitions defined that encompass all of the values that might result.

- 1. Click Setup > Setup > Administration > User > Products > Scoring Models > Line > Credit Score Models > Grades.
- 2. In the Grade Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field:	Do this:
Score	Specify the score the application receives.
Credit Grade	Select the grade to assign to an application, from the drop- down list.
Application Status	Select the status to assign to applications with a score starting with the value of this grade definition, from the drop-down list.



Field:	Do this:
Sub Status	Select the sub status to assign to applications with a score starting with the value of this grade definition, from the drop-down list.
	Credit scoring allows you to select the following status/sub status pairs:
	APPROVED - AUTO APPROVED
	REJECTED - AUTO REJECTED
	NEW - REVIEW REQUIRED
	NEW - RECOMMEND APPROVAL
	NEW - RECOMMEND REJECTION.
Enabled	Check this box to indicate that this grade definition will be considered when grading an application using this scoring model.

## 4.11 Fees

The Fee screen allows you to define fees that may be automatically assessed by the system. The Fee Definition section records fees not defined within the Contract screen's Fees sub screen.

The following fee types are currently supported for automatic assessment:

- Late charge
- NSF
- Extension
- Advance
- Over Credit Limit
- Membership
- Prepayment penalty
- Phone Pay
- Payoff Quote
- Periodic Maintenance
- Rental Fee
- ACH Fee
- Delay Fee
- Other Fee and Tax

Fees can be calculated as either a flat amount or a percentage of payment due based on fee type.

You can specify minimums and maximums for fee amounts in the Min Amt and Max Amt fields. Different fee rules can be setup at the company/branch level.

When Fees are assessed, the system determines the best match using all enabled fee definitions that meet the following criteria:



- Exactly match the fee type being assessed.
- Have an effective date that is greater than or equal to the start date.
- Have a Txn Amt From that is greater than or equal to the outstanding amount related to the fee assessment.
- Match either the value or ALL for all other criteria (Exact matches for each field are given a higher weight than matches to ALL.)

The returned rows are then given a descending rank based on the weighted values and the hierarchical position of the following criteria:

- 1. Company
- 2. Branch
- 3. Product
- 4. Application state
- 5. Transaction amount
- 6. Start date
- 7. End date
- 8. Currency

On the ranked rows, the first row is returned as the best match.

#### Note

Certain fees, like late fees, can be set up at contract, as well as state level. In such cases, the contract fee, if present, is used first. Only if the contract fee is not present in the state fee used.

#### To set up the Fee

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Fees > Line.
- 2. In the Fee Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Line Lease										×
efinition								- A	udd 🥒 Edit 🔲 View	Audit
	Freeze	Detach 🛛	wrap 🚷							• maan
Rule	Fee Type	Start Dt	End Dt	Enabled Calc	Method	Threshold Amt	Min Amt	Max Amt	Percent Company	Bran
LE BASED COL	CYCLE BASED COL.	01/01/2001	12/31/4000	Y PERC	ENTAGE OF	4.00	5.00	999.00	5.0000 SG01	SGH
			12/31/4000			4.00	5.00	999.00	5.0000 SG01	SGH
	FEE ADVANCE	11/05/1900	12/31/4000			0.00	10.00	10.00	0.0000	ALL
LATE CHARGE 1	FEE LATE CHARGE	11/04/2000	12/31/4000	Y FLAT	AMOUNT	0.00	10.00	100.00	10.0000	ALL 🕨
Fee Rule CYCLE BASED COLLECTION LATE FE * fee Type CYCLE BASED COLLECTION LATE FI ~ * Start Dt 01/01/2001 00 * End Dt 1/2/31/4000 00		* Pero	ent 5.00	00		* Channel ALL * Product ALL * State ALL * Currency ALL		* * * *		
* Enabled 🗹				Selection Cri	teria		* Txn Amt From	0.00		
* Calc Method PERCENTAGE OF SUM OF TOTAL DI			* Compa	inv SG01	~		Credit Limit From	0.00		
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	* Min Amt 5.00			Di di	ion oong					
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A brief description of the fields is given below:

Field:	Do this:
Fee Rule	Specify the fee rule used to identify the particular fee definition.
Fee Type	Select the fee type from the drop-down list. The system computes these drop-down values from the TXN_TYPE_CD Lookup, with FEE as the sub type.
Start Dt	Specify the start date. You can even select the date from the adjoining Calendar icon.
End Dt	Specify the end date. You can even select the date from the adjoining Calendar icon.
Enabled	Check this box to enable the fee.
Calc Method	Select one of the following method of calculating the fee, from the drop-down list.
	If 'Flat Amount' is selected, then minimum fee will be charged.
	If 'Percentage' is selected, then the amount charged will be based on percentage defined subject to minimum and maximum amount (i.e. 'Txn Amt From').
Threshold Amt	This field is enabled only if the Contract Fee type is either CYCLE BASED COLLECTION LATE FEE or CYCLE BASED LATE FEE.
	Specify the threshold amount which is less than or equal to minimum fee amount to be assessed. Based on this amount, system calculates and posts the Cycle Based Collection Late Fee or Cycle Based Late Fee based on the account.
	If calculated fee amount is less than threshold amount, fee is posted with transaction amount = $0$ .
	If calculated fee amount is greater or equal to threshold amount, fee is posted based on existing min amt and max amt comparing logic.
Min Amt	Specify the minimum amount for the fee.
Max Amt	Specify the maximum amount for the fee. If you selected FLAT AMOUNT in the Calc Method field, then this field is not used and is normally populated as \$0.00.
Percent	Specify the percentage value of the outstanding transaction amount to be assessed as a fee. This amount will be adjusted to fall within the Min Amount and the Max Amount.
Selection Crit	eria section
Company	Select the portfolio company from the drop-down list. This may be ALL or a specific company.
Branch	Select the portfolio branch from the drop-down list. This may be $ALL$ or a specific branch. (This must be $ALL$ , if you have selected 'ALL' in the Company field).
Channel	Select the channel from the drop-down list, This can be ALL or a specific channel.



Field:	Do this:			
Product	Select the product from the drop-down list. This may be ALL or a specific product. The available values come from a validated field based on the selected Billing Cycle setup and the Product setup.			
State	Select the state for this fee, from the drop-down list. This may be ALL or a specific state.			
Currency	Select the currency for this fee, from the drop-down list. This may be ALL or a specific currency.			
Txn Amt From	Specify the transaction or balance amount. The fee is calculated using the specifications of this record only if the transaction amount is greater than the value specified in this field (and less than this field in another record for the same fee).			
	IMPORTANT:			
	When you select the fee to use, the system searches for a best match using the following attributes:			
	1 Company			
	2 Branch			
	3 Product			
	4 State			
	5 Amount (Txn Amt From)			
	6 Effective/start date (Start Dt)			
	Hence, Oracle Financial Services Software recommends creating a version of each fee, where ALL is the value in the these fields.			
	It is also recommended that you define a default printer for an Organization, Division and Department.			
Credit Limit From	Specify the minimum value of credit limit for the pricing.			

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.12 Asset Billing Rate

In Asset Billing Rate screen you can setup the various parameters associated with 'Home' collateral which serves as the input for 'Asset Billing' batch job to process and post the dues on to respective accounts in the system.

The chapter consists of following sections:

- Asset Billing Rate Definition
- Asset Billing Rate Details
- Asset billing Calculations
- Asset Billing Rate Setup File upload
- Asset Billing Batch Job



# 4.12.1 Asset Billing Rate Definition

In the Asset Billing Rate Definition tab you can create and maintain 'Timeshare' specific Home collateral and account details of an account which are used as a selection criteria.

#### To set up Asset Billing Rate Definition

1. On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Asset Billing Rate.

sset Billing Rate										<b>X</b> <u>C</u>
sset Billing Rat	e Definition							🕂 Add 🥖	/ Edit 📃 View	v 🛷 Audit
View • Format •	Freeze	🛃 Detach 🛛 🖕	🛛 Wrap 🛛 🚱							
Name	Description	Enabled	Company	Branch	Product	State	Channel	Asset	Type As	set Sub Type
ITR2_PPS3	ITR1	Y	SG01	SGHQ	LOAN HOME (VR)	ALL	ALL	ALL	AL	L
ITR2_PPS8	ITR1	Y	SG01	SGHQ	LINE HE (VR)	ALL	ALL	ALL	AL	L
SG_RATE	SG RATE	Y	SG01	SGHQ	ALL	ALL	ALL	ALL	AL	L
SG_FLAT_AMOUNT	SG FLAT AMOUNT	Y	SG01	SGHQ	ALL	ALL	ALL	ALL	AL	L
ITR2_UDX_TESTI	ITR2_UDX_TESTI	Y	SG01	SGHQ	ISTISNA HOME LO	ALL	ALL	ALL	AL	L
<										>
sset Billing Rat	Dotaile							👍 Add 🏑	🖊 Edit 🛛 🔲 View	v 🛷 Audit
-		Detert.						T Add 0	- Luit View	
View  Format		Needla 1	🛛 Wrap 🙀	Rate			Min Amt	Max A		
o data to display.	Transaction	Calc Method	Flat Amt	Rate	Frequency	% of Calc Amt	Min Amt	Max P	amt Ba	ise Points
o data to display.										

2. In the Asset Billing Rate Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of fields are given below:

In this field:	Do this:			
Name	Enter a unique name for Asset Billing Rate definition. This field is not editable after saving the record or during EDIT.			
Description	Enter the description for Asset Billing Rate definition.			
Enabled	Check this box to enable the record.			
Selection Criteria				
Company	Select the portfolio company from the drop-down list. This list is populated based on Enabled Company definitions main- tained in the system.			
Branch	Select the portfolio branch from the drop-down list.			
Product	Select the type of product associated with the collateral fit the drop-down list.			
State	Select the state to which the account operates from the drop- down list.			
Channel	Select the channel from the drop-down list.			
Asset Type	Select asset type from the drop-down list. The list is populated based on assets setup.			
Asset Sub Type	Select the asset sub type from the drop-down list.			
Club Name	Select the Club Name from the drop-down list.			



La data Catala	De this			
In this field:	Do this:			
Phase Number	Select the Phase Number from the drop-down list.			
Site of Inventory	Select the Site of Inventory from the drop-down list.			
Building	Select the Building from the drop-down list.			
Unit	Select the Unit from the drop-down list.			
Week	Select the Week from the drop-down list.			
Room/Unit Type	Select the Room/Unit Type from the drop-down list.			
Usage Type	Select the Usage Type from the drop-down list.			
Resort Identifier	Select the Resort Identifier from the drop-down list.			
Min Points	Specify the minimum points for the asset billing definition.			
Max Points	Specify the maximum points for the asset billing definition.			
Association Id	Select the Association Id from the drop-down list.			
Club Indicator	Check this box to indicate Club Indicator.			
Plus Membership TypeCheck this box to indicate Plus Membership Type.				
PR Marking	Check this box to indicate PR Marking.			
Signature Grand Father	Check this box to indicate Signature Grand Father.			
Additional Attributes - indicated below	This section consists of additional 15 configurable fields as			
5 check boxes - Member	ship 1-5 Opt			
5 drop-down lists - Other	Attribute 1-5			
5 Calendar fields - Other	Attribute 5-10			

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 4.12.2 Asset Billing Rate Details

In the Asset Billing Details sub tab, you can define Transactions, their Calculation Method, and other parameters which are posted by Billing Batch Job.

Note that once a record is created in this section, the same is available in Read-Only mode and you can only Enable or Disable the record in Edit mode.

# To set up Asset Billing Rate Details

 On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Asset Billing Rate.

In this field:	Do this:				
Start Date	Select the date of asset billing from adjoining calendar.				
Transaction	Select the transaction from the drop-down list.				
	This list is populated with transactions where the Transaction code = FOTH%.				
Calc Method	Select one of the following calculation method from drop- down list.				
	- Flat Amt				
	- Rate				
	- Flat Amt + Rate				
	- Tiered Rate				
	- Slab Formula				
	For more information on above calculation methods, refer to 'Asset billing Calculations' section.				
Flat Amt	Specify the flat amount or fixed amount to be charged during asset billing calculation.				
	This field is available if the Calc Method is Flat Amt, Flat Am + Rate, and Slab based Formula.				
Rate	Specify the rate for asset billing calculation. This field is avai able if the Calc Method is Rate and Flat Amt + Rate.				
Frequency	Select the frequency of asset billing calculation from the drop-down list. The list is populated based on frequency maintained in lookup code.				
% of Calc Amt	Specify the percentage of amount for calculation. By default this is set to 100.				
Base Points	Specify the base points for asset billing calculation. By default this is set to 1 since a value is required system does not allow to enter '0'.				
	This field is available if the Calc Method is Rate, Flat Amt + Rate, Tiered Rate, and Slab Formula.				
Slab Points	Specify the slab points for asset billing calculation. This field is available if the Calc Method is Slab Formula.				
% Increase	Specify the percentage increase in each slab for asset billing calculation. This field is available if the Calc Method is Slab Formula.				
Min Amt	Specify the base minimum amount to be configured for the resulted transaction amount.				
	If the resulted Transaction Calculation Amount is less than the Min Amt defined here, system posts the transaction with Min Amt.				

2. In the Asset Billing Rate Details section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of fields are given below:



In this field:	Do this:				
Max Amt	Specify the maximum amount to be configured for the resulted transaction amount.				
Billing Year	Specify the year in which the Rate is applicable.				
	The Billing Year is stamped in billing amount transaction description only for FOTH% transactions.				
Enabled	Check this box to enable the Asset Billing Rate.				

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

### 4.12.2.1 Tiered Rate Details sub tab

The Tiered Rate Details sub tab you can define 'points' specific tiers with different rates. This sub tab is enabled only if the transaction calculation method is selected as 'Tiered Rate' in Asset Billing Rate Details section. For calculation details, refer to 'Tiered Rate Calculation' section.

#### To set up Tiered Rate Details

- 1. On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Asset Billing Rate.
- 2. In the Tiered Rate Details section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter. A brief description of fields are given below:

In this field:	Do this:
From Points	Specify the points from where the respective rate is applicable.
Rate	Specify the rate for defined points range.
Enabled	Check this box to enable Tiered Rate detail

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.12.3 Asset billing Calculations

This section explains the following calculation methods based on which the Asset Billing is processed in the system:

- Flat Amount Calculation
- Rate Calculation
- Flat Amt + Rate Calculation
- Tiered Rate Calculation
- Slab Formula Calculation

# 4.12.3.1 Flat Amount Calculation

In 'Flat Amount' calculation, system calculates the Transaction Amount using below formula:

Frequency	Billing Cycle	Transaction Amount Calculation
Annual	Monthly	(Flat Amt/12)



Frequency	Billing Cycle	Transaction Amount Calculation
Monthly	Annual	(Flat Amt*12)
Annual	Quarterly	(Flat Amt/4)
Quarterly	Annual	(Flat Amt*4)
Annual	Semi Annual	(Flat Amt/2)
Semi Annual	Annual	(Flat Amt*2)
Annual	Annual	(Flat Amt /1)

Consider the above calculation as reference for other combinations of Rate Frequency and Billing cycle.

# 4.12.3.2 Rate Calculation

Frequency	Billing Cycle	Transaction Amount Calculation
Annual	Monthly	(Rate/12)*(Billing Points at collateral / Base Points)
Monthly	Annual	(Rate*12)*(Billing Points at collateral / Base Points)
Annual	Quarterly	(Rate/4)*(Billing Points at collateral / Base Points)
Quarterly	Annual	(Rate*4)*(Billing Points at collateral / Base Points)
Annual	Semi Annual	(Rate/2)*(Billing Points at collateral / Base Points)
Semi Annual	Annual	(Rate*2)*(Billing Points at collateral / Base Points)
Annual	Annual	(Rate/1)*(Billing Points at collateral / Base Points)

In 'Rate' calculation, system calculates the Transaction Amount using below formula:

Consider the above calculation as reference for other combinations of Rate Frequency and Billing cycle.

#### 4.12.3.3 Flat Amt + Rate Calculation

In 'Flat Amt + Rate' calculation, system calculates the Transaction Amount using below formula.

#### Transaction Amount = Flat Amt + Rate \* (Billing Points at Collateral/Base Points)

#### Note

The Rate and Flat amount are adjusted based on Frequency and Billing Cycle.

### 4.12.3.4 Tiered Rate Calculation

In 'Tiered Rate' calculation, system selects the 'Asset Billing Rate Details' using the Billing Points at Asset and other asset parameters and calculates the transaction amount by deriving the rate from Tiered Rate table.



# Transaction Amount = (Tiered Rate) \* (Tiered Points / Base Points)

For example, if an Asset has 1.5 million points and the range is maintained as - for first million points rate=0.66 with Base Points =1000 and for remaining points rate=0.60 with Base Points = 1000, the Transaction Amount = 1million \* (0.66/1000) + 0.5 million \* (0.6/1000) = 660 + 300 = 960.

Note the following:

• If the range for specific points are not maintained correctly, the same is considered as '0' rate and in-turn the Transaction Amount derived also becomes '0'.

For example, if Billing Points are 8000 but if range maintained points is from 10000 with Rate = 0.55 and Base Points = 1, the transaction amount results as  $(0^{*}(8000/1) = 0)$ .

• Rate is adjusted based on Frequency and Billing Cycle as mention in 'Rate' Method.

#### 4.12.3.5 Slab Formula Calculation

In 'Slab Formula' calculation, system calculates the Transaction Amount using below formula.

#### Transaction Amount = [Flat Amt] + Ceil[\{Billing Points - Base Points)/Slab Points}\*\{%Increase / 100)\*Flat Amt}]]

The resultant amount will always be rounded-up.

For example,

Transaction Amount = [491.32+[{(61000-5000)/2500}\*{(30.4/100)\*491.32}]]

= [491.32+ [Round-up {22.4}\*{149.36}]]

= [491.32+3435.28]

Transaction Amount = 3926.6

#### Note

The Rate and Flat amount are adjusted based on Frequency and Billing Cycle.

# 4.12.4 Asset Billing Rate Setup - File upload

The data in Asset Billing Rate screen can also be created and updated from an external file through SET-IFP input file upload process. While doing so, ensure that the file format of Header and Details record are maintained in required order and the input file is placed in upload area.

During the scheduled batch job run, the asset billing batch job picks-up the data in input file and loads on to the system to create Asset Billing Rate setup records.

However, before processing the details, system performs the following validations:

- If Name of the record is unique and duplicate record is not being updated.
- For Tiered Rate, the details are added only if the Calc Method = Tiered Rate. If not, system displays an error indicating 'Tiered Rate Details are not required for <Calc Method>' and the record is added in bad file.
- For update to existing record details, only Enable/Disable option is supported. If there is a mismatch in the name of the record, batch job errors out with message 'Record not found' and the record is added in bad file.
- For new records, all the fields are mandatory and default values are applicable.



- Values provided in fields which are of lookup type are validated with lookup code. In case of mismatch, batch job errors out with message 'Lookup value not matching' and the record is added in bad file.
- Negative values is not added for number fields.
- Base Point's field does not contain negative, '0', or decimal values.

# 4.12.5 Asset Billing Batch Job

The billing batch job TXNDDT\_BJ\_100\_01 (BILLING/DUE DATES PROCESSING) facilitates to process the asset billing dues on account for 'Home' collateral and posts the corresponding transactions.

Listed below is the sequence of processing steps:

- 1. Billing batch job picks-up the Vacation Ownership (VO) parameters from Servicing > Account > Collateral (Home) > Vacation Ownership tab.
  - The required accounts for Asset billing batch job processing is selected based on the type of account selected in 'Due Amt Account Type' field. I.e. in 'Vacation Ownership Details' section if the 'Billing' option is checked and the Due Amt Account Type is selected as Current or Linked or Master Account, then the billing batch job posts the transactions based on Asset Billing Rate setup in Current account or Linked Account of current Account or Master Account of current Account respectively.
  - In addition, system includes the asset billing points of Linked Account/Associated Account only if the status of those accounts are in any of the status defined in lookup code 'ACC\_STATUS\_BILLING\_CD' (ACCOUNT STATUS FOR ASSET BILLING CODES). Account statuses which are not maintained in the lookup code are excluded for asset billing calculation. However, If no statuses are maintained in the lookup, then system will consider all statuses for consolidation.
    - If billing flag is checked and Due Amt Account Type = Current Account, billing batch job posts the transactions based on Asset Billing Rate setup in 'Current' account.
    - If billing flag is checked and Due Amt Account Type = Linked Account, billing batch job post the transactions based on Asset Billing Rate setup in 'Linked Account of current Account'.
    - If billing flag is checked and Due Amt Account Type = Master Account, billing batch job post the transactions based on Asset Billing Rate setup in 'Master Account of current Account'.

Before the due calculation, batch job validates VO parameters with the following:

- If the selected Usage Type sub code is 'FULL', system considers Full points for rate derivation and 'Billing points' is considered for Transaction Amount calculation.
- If the selected Usage Type sub code is 'HALF', system considers 'Billing Points' for Transaction Amount calculation but rate is derived using full points.
- If the 'First Year Proration' check box is selected, then the rate is derived using full points and the Transaction Amount is calculated based on prorated points (not on full points).
- The prorated points are calculated based on Asset 'Usage Start Date'.
  - If the usage start date year is equal to first due year, then system prorates the points as indicated in example below:

If First Due Date = 01/01/2018, Usage Start Date = 01/10/2018,

Prorated Points = Billing Points \* (13-1)/12= Billing Points \*1

If First Due Date = 01/01/2018, Usage Start Date = 03/10/2018

Prorated Points = Billing Points \* (13-3)/12= Billing Points\*10/12



Note: Number '13' here is used as constant.

- If the usage start date year is before the due date year, system considers the full points for calculating the Transaction Amount and no proration is required here.
- 2. Batch job looks of best matching Asset Rate details and Asset Billing definition in Setup.
- Batch job checks for status (Y/N) of 'Multiple Billing Asset Rate' indicator at Account Details > Contract > Billing level to decide if multiple asset rates are applicable for one billing period or not.
  - If 'N', system picks the latest rate which is less than or equal to DUE DATE. In this case
    only one best match record is fetched to derive Transaction Amount and no multiple
    asset rates are applicable for one billing period.
  - If 'Y', system fetches multiple rates only when rate End Date (i.e. rate start date + rate frequency) ends with one or more cycle(s) before the next due date. This implies that current rate record does not cover the entire billing period.
  - However, if 'Multiple Billing Asset Rate' is set to Y but there is no 'Rate' available for Due period beyond the Rate End date, system applies the same rate that is picked for Due Period which is Less than or Equal to Due End Date.
- 4. Batch job posts the matched transactions at account level based on calculation method. The following Asset Billing Rate Details are stamped on the transaction posted:
  - Asset Id (Assets)
  - Asset Rate Id (Asset Billing Rate Definition)
  - Asset Rate Details Id (Asset Billing Rate Details)
  - Rate Start Date (Asset Billing Rate Details)
  - Rate Frequency (Asset Billing Rate Details)
  - Calculation Method (Asset Billing Rate Details)
  - Rate (Asset Billing Rate Details)
  - In case of Tiered Rate, Effective Rate is stamped
  - Base Points (Asset Billing Rate Details)
  - Slab Points (Asset Billing Rate Details)
  - % Increase (Asset Billing Rate Details)
  - Billing Year (Asset Billing Rate Details)

On posting the transactions, following validations and outcome are handled:

- If the respective balance for transaction is missing, batch job fails with an error message indicating 'Account #: Transaction posting failed Balance not available' in Batch > Request Results block and does not process the account due amount calculation.
  - This can be rectified by posting 'Add balance to Account' non-monetary transaction. For more information, refer to Appendix - Non-Monetary transactions section in Servicing User Guides.
- If the transaction posting failed due to an issue in Access grid configuration or Product configuration at transaction codes, batch job displays error indicating 'Account #: Transaction posting failed <Reason>' and does not process the account due amount calculation.
- If the Resulted transaction amount is less than Min Amount defined, batch job considers the Min amount and posts the transaction.
- If the Resulted transaction amount is greater than Max Amount defined, batch job considers the Max amount and posts the transaction.



# 4.13 Origination Fees

The system supports the auto computation of origination itemized fees. System administrators can define and maintain the itemization formula on the Origination Fees screen.

An itemization formula can be set up as a computation of other itemizations (such as adding or subtracting one itemization from another) and can consist of multiple itemizations. An itemization formula will have a minimum and maximum value. You can set up a formula value range to be used as the final value.

Itemizations are linked to a product with the Products screen's Product Itemizations subtab.

One itemization can be based on one formula, while the same formula can be attached to multiple itemizations. If a formula is attached to a contract itemization and that formula requires an itemization not present in Formula Definitions screen, then the system displays an error message.

The system will search for any "circular dependency" at the time the contract is enabled. An example of a circular dependency is when Itemization1 has Formula1 attached requiring Itemization2 for computation and Itemization2 has Formula2 attached requiring Itemization1 for computation.

#### To set up the Origination Fees

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
   Administration > User > Products > Origination Fees > Line.
- 2. In the Formula Definitions section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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3. A brief description of the fields is given below:

Field:	Do this:
Formula	Specify the formula code to define computation.
Description	Specify the description for the formula.
Min Amt	Specify the minimum value that should be considered to compute the final value of formula.
Max Amt	Specify the maximum value that should be considered to compute the final value of formula.
Enabled	Check this box to allow the origination fees.

- 4. Perform any of the Basic Actions mentioned in Navigation chapter.
- In the Formula Details section of Setup > Setup > Administration > User > Products > Origination Fees > Line > Detail, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Itemization	Select the itemization based on which the itemization formula will derive its computed value, from the drop-down list.
Percentage	Specify the percentage value that should be considered while computing value for itemization formula.
Sort	Specify the sort sequence for the itemization to be considered while computing the value of the itemization formula.
Sign	Select the +ve or -ve sign that needs to be considered between two itemizations for computing the value of the itemization formula.
Enabled	Check this box to allow the itemization details to be used by the system.

- 6. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- In the Range Details section of Setup > Setup > Administration > User > Products > Origination Fees > Line, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Amt From	Specify the value up to which the percentage of final value of the itemization formula to be considered for the final value of itemization formula.
Percent	Specify the percentage value that should be considered while computing the value for the final value of the itemization formula.
Enabled	Check this box to allow the range details to be used by the system.

8. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# 4.14 Insurance

Most financial institutes offer financing for insurance to the borrowers; examples include credit life, credit disability, and GAP. The insurance product offer permits the customer to cancel the insurance in mid term or automatically end when the product matures or is paid-off. The system supports financing of insurance products during origination and automatically end the insurance when the product is paid-off. The system also can compute the rebate premium based on "Rule of 78" or "Actuarial" method. As the customer might cancel the insurance in mid term of the loan, the system computes the premium rebate on a prorate basis. This also applies to additional insurance purchase during the life of the loan. Normally, mid term insurance cancellations have associated fees and grace period. In such cases, the customer may cancel the insurance during the grace period without accruing any fees. However, when a customer cancels after the grace period, the result is a predefined fees which the system deducts from the computed rebate.

The system supports mid term insurance cancellation with and without grace period and cancellation fees. With this enhancement of insurance processing, you can define the premium rebate computation with a prorate basis.

You can define financed insurance related itemizations in the Origination Fees screen, as you have in previous releases with the Insurance screen. You can also set the refund method to "Pro Rate Basis" in the Refund Method field in the Contract Itemization section on the Itemization sub screen during setup with the on the Contracts screen.

#### To set up the Insurances

You can either define new Insurance details or specify a new code in the **New Insurance** field and click **Create Copy** to create a copy of selected insurance with details.

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Products > Insurance > Line.
- 2. In the Insurance Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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A brief description of the fields is given below:

Field:	Do this:	
Code	Specify the code associated with the insurance product.	
Description	Specify a brief description of the insurance product.	
Start Dt	Specify the date from which you can start offering the product to customers. You can even select the date from the adjoining Calendar icon.	
End Dt	Specify the date from which to stop offering the product to customers. You can even select the date from the adjoining Calendar icon.	
Enabled	Check this box to allow the offering of this insurance product.	
Result section	n	
Insurance Type	Select the insurance types available for financing, from the drop-down list.	
Insurance Company	Specify the name of the company through which the insurance product is offered.	
Calculation Method	Select the insurance calculation method from the drop down list.	
Max Age	Enter the maximum age allowed by the insurance.	
Cancellation Allowed	Check this box to allow the insurance rebate or refund for cancellation or paid-off.	
Grace Days	Specify the number of grace days allowed for cancellation without charging a cancellation fee.	
Tier	Select the tier from the drop-down list.	
Base	Select the base from the drop-down list.	
Category	Select he category from the drop-down list.	
Days	Enter the number of category days.	
Selection Crit	eria Section	
Company	Select the portfolio company that can offer the insurance product, from the drop-down list. Select ALL if offered by all companies.	
Branch	Select the branch of the specified portfolio company that can offer the insurance product, from the drop-down list. Select ALL if offered by all the branches of the specified portfolio company.	
Product	Select the product for which you can offer the insurance product, from the drop-down list. Select ALL if offered for all the products.	
State	Select the state for which you can offer the insurance product, from the drop-down list. Select ALL if this is offered for all the states.	
Currency	Select the currency for which you can offer the insurance product, from the drop-down list. Select ALL if this is offered for all the states.	



- 3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 4. Click 'Create Copy' button in the Insurance Definition section to create copy of selected record with details.
- 5. In the Insurance Details section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Insurance Sub Type	Select the insurance sub type you want to define for the entry in the Insurance section, from the drop-down list. For example SINGLE.
Term From	Specify the minimum term for the insurance sub type.
Rate	Specify the rate for premium calculation per \$1,000.00 for the insurance sub type.
Max Coverage Amt	Specify the maximum coverage amount covered by the insurance sub type.
Enabled	Check this box to enable the insurance.

6. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.15 Checklists

A checklist is an optional set of steps to follow when completing a task in the system, such as the underwriting and funding processes.

Checklists can be used as guidelines to help ensure that the system users follow your business's standard operating procedures and enter all required data. Some checklists are optional, but others such as those related to application decisions or contract verification, may be required depending on the edit sets defined in your system. The Checklists screen allows you to specify the contents of the checklist.

You can define additional checklists for your organization. You can set up multiple checklists for a single type of checklist. These checklists can be differentiated by:

- Company
- Branch
- Product
- Account state

#### To set up the Checklists

You can either define new Checklist Type Definition details or specify a new code in the **New Checklist** field and click **Create Copy** to create a copy of selected checklist type definition with details.

On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
 Administration > User > Products > Checklists > Line.



2. In the Checklist Type Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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# 3. A brief description of the fields is given below:

Field:	Do this:
Checklist Code	Specify the checklist code that identifies checklist being defined.
Description	Specify the description for the checklist.
Checklist Type	Select the checklist type from the drop-down list, to define where the specific checklist will be available in the system.
Company	Select the portfolio company associated with the checklist from the drop-down list. This may be ALL or a specific company.
Branch	Select the portfolio branch associated with the checklist from the drop-down list. This may be ALL or a specific branch. This must be ALL if in the Company field you selected ALL).
Channel	Select the channel from the drop-down list, This can be ALL or a specific channel.
Product	Select the product associated with the checklist from the drop-down list. This may be ALL or a specific product. The available values come from a validated list based on the selected Billing Cycle setup and the Product setup.

Field:	Do this:
State	Select the state associated with the checklist type from the drop-down list. This may be ALL or a specific state.
	<b>IMPORTANT</b> : By selecting which edits type to use, the system searches for a best match using the following attributes:
	1 Company
	2 Branch
	3 Product
	4 State
	Hence, Oracle Financial Services Software recommends creating one version of each checklist type where ALL is the value in these fields.
Currency	Select the currency associated with the checklist from the drop-down list. This may be ALL or a specific currency.
Enabled	Check this box to enable the checklist.

4. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

Checklist actions are steps (a set of one or more tasks) related to the checklist you are creating. They are loaded on the Checklist Action Definition section.

5. In the Checklist Action Definition - **Regular** section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter

A brief description of the fields is given below:

Field:	Do this:
Action Code	Specify the action code for the checklist.
Description	Specify the description for the action type.
Sort	Specify the sort order to define the placement of the action type on the Checklist sub screen.
Enabled	Check this box to include this action in the checklist.

6. Perform any of the Basic Actions mentioned in Navigation chapter.

7. In the Checklist Action Definition - **Document** section, perform any of the <u>Basic</u> <u>Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Action Code	Specify the action code for the checklist.
Description	Specify the description for the action type.
Document Type	Select the document type from the drop-down list.



Field:	Do this:
Document Sub Type	Select the document sub type from the drop-down list.
Document Mandatory	Check this box to indicate that the document is mandatory.
Sort	Specify the sort order to define the placement of the action type on the Checklist sub screen.
Enabled	Check this box to include this action in the checklist.

8. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.16 Stipulations

The system supports the automatic generation of default stipulations for loans during origination on the Underwriting window's **Stipulation** sub screen (Decision link). The default stipulations can be maintained by company, branch, product, state, application status and application sub-status on the Stipulations screen.

### To set up the Stipulations

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
   Administration > User > Products > Stipulations > Line.
- 2. In the Stipulation Setup section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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A brief description of the fields is given below:

Field:	Do this:
Company	Select the portfolio company associated with the default stipulations, from the drop-down list.
Branch	Select the portfolio branch associated with the default stipulations, from the drop-down list.
Product	Select the product associated with the default stipulations, from the drop-down list.
State	Select the state associated with the default stipulations, from the drop- down list.
Currency	Select the currency associated with the default stipulations, from the drop-down list.
Application Status	Select the application status associated with the default stipulations, from the drop-down list.
Application Sub-Status	Select the application sub status associated with the default stipulations, from the drop-down list.
Enabled	Check this box to allow the default stipulations to be used.

- 3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.
- 4. In the Stipulation Details section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

A brief description of the fields is given below:

Field:	Do this:
Stipulations	Select the stipulation from the drop-down list.
Sort	Specify the sort sequence for the stipulation.
Enabled	Check this box to allow the stipulations details to be used by the system.

5. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.

# 4.17 Letters

The Letters screen allows you to define letters that the system automatically generates when the application or the account for a products meets certain conditions, or "trigger events." Each letter has its own trigger event. For example, you can configure the system to automatically send a welcome letter when an application becomes an account or send a collection letters when an account becomes delinquent.

The system supports the following types of letters:

Type of letter:	Definition:
ACCOUNT STATEMENT	Generated when account is to receive a billing statement (this time is defined in contract setup). Letter is sent to customer.



Type of letter:	Definition:
ADVERSE Action letter	Generated in nightly batch jobs for applications that were declined. This letter is sent to the consumer to indicate the reasons why the application was declined.
CONDITIONAL ADVERSE	Generated in nightly batch jobs for applications that were declined.
ACTION LETTER	This letter is sent to the consumer to indicate the reasons why the application was declined. This letter also indicates steps that the consumer may take to gain approval of the application.
COLLECTION LETTER 1	Generated when an account becomes delinquent. This is the first dunning letter sent to the customer.
COLLECTION LETTER 2	Generated when an account remains in delinquency for an extended period. This is the second dunning letter sent to the customer.
COLLECTION LETTER 3	Generated when an account remains in delinquency for an extended period, even after having received previous notices. This is the final dunning letter sent to the customer.
CONTRACT FUNDING fax/ email	Generated when an application is APPROVED: FUNDED or CONDITIONED: FUNDED. This letter is sent to the producer.
DECISION FAX/ EMAIL	Generated when an application is APPROVED, CONDITIONED, or REJECTED. This letter is sent to the consumer or producer, depending on whether the product is a direct or in-direct loan.
PAID IN FULL LETTER	Generated in nightly batch jobs when the account pays off. This letter is sent to the customer.
PAYOFF QUOTE LETTER	Generated when a payoff quote is created for an account. This letter is sent to the customer.
WELCOME LETTER	Generated when an application is APPROVED: FUNDED. This letter is sent to the consumer.
	STATEMENT PAST MATURITY Generated when an accounts are matured but unpaid.
	This letter is sent to the account holders as a reminder to make their payments.

When the system generates letters, it searches the Letters screen for letter definitions that meet the following criteria:

- Definition is enabled.
- Definition is an exact match of the letter code being generated.
- Definition is a match of either the application/account value or ALL for all other criteria.

Exact matches for each field are given a higher weight than matches to ALL.

The returned rows are then given a descending rank based on the weighted values and the hierarchical position of these fields:

1. Company



- 2. Branch
- 3. Product
- 4. State
- 5. Currency

On the ranked rows, the first row is returned as the best match.

#### To set up the Letters

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup > Administration > User > Products > Letters > Line.
- 2. In the Letter Definition section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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Administration	CNLNOE_COL_LTR2		COLLECTION LETTER 2	ALL	Y	ARCHIVE	BATCH USER	ALL	ALL	ALL	ALL	ALL
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A brief description of the fields is given below:

Field:	Do this:
Letter Code	Specify the code for the letter.
File Name	Specify the file name of the Oracle report used to generate the letter. The file should be named <file name="">.rep on your server.</file>
Letter Type	Select the type of letter you want to generate from the drop-down list.
Channel	Select the application source (channel) for the letter from the drop-down list. This may be ALL or a specific channel.
Enabled	Check this box to enable this letter definition.
Result section	n



Field:	Do this:
Batch Printer	Select the batch printer being used to generate the letter from the drop- down list.
Batch User	Select the user who will submit this letter from the drop-down list. This will normally be set to BATCH.
Selection Crit	eria section
Company	Select the portfolio company for which this letter will be used from the drop-down list. This may be ALL or a specific company.
Branch	Select the portfolio branch for which this letter will be used from the drop-down list. This may be ALL or a specific branch. This must be ALL if in the Company field you selected ALL).
Product	Select the product for which this letter will be used from the drop-down list. This may be ALL or a specific product.
State	Select the state for which this letter will be used from the drop-down list. This may be ALL or a specific state.
Currency	Select the currency for which this letter will be used from the drop-down list. This may be ALL or a specific currency.

3. Perform any of the Basic Actions mentioned in Navigation chapter.

# 4.18 Promotions

The Introductory tab of Promotions screen allows you to set up the promotions that a financial institution can offer its customers. Promotion details defined here can be selected during Application Entry and Application processing.

You can define multiple promotions for a product, then select the appropriate promotion at the time the application is processed. Promotions also serve as a selection criteria on the Pricing screen.

CAUTION: The system supports promotions selected only when a product is funded.

#### Same as Cash promotions

In the case of the same as cash promotion:

- If the outstanding amount at the end of the promotional period is within the tolerance amount, then the customer receives the full benefit of the promotion and the system will not charge any interest on the borrowers' account.
- If the outstanding amount is higher than the authorized tolerance amount, then the customer loses the benefit of the promotion and the system computes and charges the borrower interest from the date the product was funded.

#### Interest & Payments

Interest still continues to accrue for a account that is funded using the SAME AS CASH promotion. However, the interest accrued during the promotion period is not charged or collected on the account until the end of the promotion period.



Any repayment made by the customer during the promotion period is applied towards the Line receivables amount. The system then calculates the interest accrual using the reduced Line receivables amount, if applicable.

If the product remains unpaid after the end of the promotion period and the Line receivables balance is above any stated tolerance amount, then the system starts collecting interest earned and accrued during the promotion period.

# **Reduced Rate Introductory Promotions**

Oracle Financial Services Lending and Leasing's promotion method PROMOTIONAL RATE allows you to create and specify promotions where customers can be charged lower interest rates during a specific promotional period of time. You may define the length of the promotion in either terms or days. Also, you will be able to set the specific interest rate you want to attach to the promotion. During the promotional period, interest on an account is accrued at the promotional rate. When the promotional period expires, the system changes the interest rate of the product to the contractual interest rate to accrue interest. The promotion expires on the promotion end date defined by the length of the promotion. However, the system allows you to set a grace period for extending the automatic cancellation of the promotion due to delinquency, similar to the grace period associated with a payment date.

#### To set up the Line Introductory

- On the Oracle Financial Services Lending and Leasing home screen, click Setup > Setup
   Administration > User > Products > Promotions > Line Introductory.
- 2. In the Promotion Definitions section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

Field	Do this
Code	Specify the code identifying the promotion.
Description	Specify a description of the promotion being offered.
Туре	Select the promotion type from the drop-down list. Oracle Financial Services Lending and Leasing supports the following promotion types for lines of credit:
	NO PAYMENT DUE ANY INTEREST DUE (No payments are required and no interest is accrued on the outstanding accrual balances for "x" terms).
Term	Select the promotion term from the drop-down list.
Index	Select the promotion index from the drop-down list.
Margin	Specify the promotion margin rate.
Cancel Delq Days	Specify the promotion cancellation delinquency days.
Cancel Over- limit%	Specify the promotion cancellation over limit percentage.
Enabled	Check this box to enable the promotion.

A brief description of the fields is given below:

3. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



- 4. On the Oracle Financial Services Lending and Leasing home screen, click **Setup > Setup** > Administration > User > Products > Promotions > Line Incentive.
- 5. In the Promotion Definitions section, perform any of the <u>Basic Operations</u> mentioned in Navigation chapter.

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6. A brief description of the fields is given below.

Field:	Do this:
Code	Specify the code identifying the promotion.
Description	Specify a description of the promotion being offered.
Start Date	Select the start date from the drop-down list.
End Date	Select the end date from the drop-down list.
Enabled	Check this box to enable the promotion.
Result section	
Туре	Select the promotion type from the drop-down list.
Term	Specify the promotion term .
Index	Select the promotion index from the drop-down list.
Margin	Specify the promotion margin rate.
Cancel Delq Days	Specify the promotion cancellation delinquency days.
Cancel Over- limit%	Specify the promotion cancellation over limit percentage.
Selection Crite	ria section



Field:	Do this:
Company	Select the portfolio company from the drop-down list.
Branch	Select the portfolio branch from the drop-down list.
Product	Select the product from the drop-down list.
State	Select the state from the drop-down list.

7. Perform any of the <u>Basic Actions</u> mentioned in Navigation chapter.



# Appendix A: Summary of the Application Credit Scoring Parameters

# A.1 Glossary

Term	Description
DEROG / DEROGATORY	Account has had chargeoffs, collections, bankruptcy, or repossession.
MINOR DELINQUENCY	Less than or equal to 60 days delinquent.
MAJOR DELINQUENCY	Greater than 60 days delinquent.
DEBT RATIO	Debt / Available credit.
DEBT TO INCOME RATIO	Debt / Income.
"APPLICANT STATED"	Parameter is pulling information stated or in any other way provided by the applicant on the application on the Applica- tion Entry form in the system.
"APPLICANT CREDIT BUREAU"	Parameter is pulling information from the credit bureau, as opposed to another source, such as the Application Entry form.
LOAN FINANCE	Refers to companies that provide the loan but are not sell- ing the actual object financed, if any.
	<b>Example</b> : An independent auto finance company.
SALES FINANCE	Refers to companies that provide the object being financed in addition to the financing.
	Example: Marshall Fields card.

# A.2 <u>Credit Scoring Parameters by Category</u>

# A.2.1 Applicant Details / Debt Ratios

# A.2.1.1 Applicant Credit Bureau Auto Debt Ratio

This is the sum of all automobile type line of credit balances and the sum of all automobile type credit limits. For installment line of credit, the credit limit is normally equal to the original line of credit amount. This applies to open tradelines only.

# A.2.1.2 Applicant Credit Bureau Bank Debt Ratio

This is the sum of all bank type line of credit balances and the sum of all bank type credit limits. For installment line of credit, the credit limit is normally equal to the original line of credit amount. This applies to open tradelines only.

# A.2.1.3 Applicant Credit Bureau Card Debt Ratio

This is the sum of all travel card type line of credit balances and the sum of all travel card type credit limits. This applies to open tradelines only.



# A.2.1.4 Applicant Credit Bureau Debt Ratio

This parameter provides a value for all debt divided by all available credit as shown on the bureau.

#### A.2.1.5 Applicant Credit Bureau FICO Score

This is the FICO score provided for the applicant in the bureau pull. There are usually several different types of FICO scores available at the bureau. The different score models are set up to give certain attributes different, weighting based on if the person is buying a car, or a house, and so on. The type of FICO score pulled is based on credit bureau setup.

### A.2.1.6 Applicant Credit Bureau Inst Debt Ratio

This is the sum of all installment line of credit balances and the sum of all installment line of credit credit limits. For installment line of credit, the credit limit is normally equal to the original line of credit amount. This applies to open tradelines only.

### A.2.1.7 Applicant Credit Bureau credit Fin Debt Ratio

This is the sum of all line of credit finance type lease balances and the sum of all line of credit finance type credit amount limits. For installment credit amount lease, the credit limit is normally equal to the original line of credit amount. This applies to open tradelines only.

### A.2.1.8 Applicant Credit Bureau Mortgage Debt Ratio

This is the sum of all mortgage type line of credit balances and the sum of all mortgage type credit limits. For installment line of credit, the credit limit is normally equal to the original credit amount. This applies to open tradelines only.

#### A.2.1.9 Applicant Credit Bureau Open Public Records

This parameter indicates if there are any open public records in the credit bureau associated with the applicant. This is a numeric counter covering the full period of time available in the bureau.

#### A.2.1.10 Applicant Credit Bureau Public Records

This parameter indicates, if there are any public records, open or closed, in the credit bureau associated with the applicant. This is a numeric counter covering the full period of time available in the bureau.

#### A.2.1.11 Applicant Credit Bureau Retail Debt Ratio

This is the sum of all retail type line of credit balances divided by the sum of all retail type credit limits. For installment line of credit, the credit limit is normally equal to the original line of credit amount. This applies to open tradelines only. This is expressed as a percent: 50% shows as 50.

# A.2.1.12 Applicant Credit Bureau Rev Debt Ratio

This is the sum of all revolving type line of credit balances and the sum of all revolving type credit limits. This applies to open tradelines only. This is expressed as a percent: 50% shows as 50.

#### A.2.1.13 Applicant Credit Bureau Sales Fin Debt Ratio

This is the sum of all sales finance type line of credit balances and the sum of all sales finance type credit limits. For installment line of credit, the credit limit is normally equal to the original



line of credit amount. This applies to open tradelines only. This is expressed as a percent: 50% shows as 50.

#### A.2.1.14 Applicant Debt Ratio Stated After Requested credit Amount

This is the debt divided by available credit based on the values stated by the applicant after factoring in the requested credit amount- this information is not taken from the bureau. This is expressed as a percent: 50% shows as 50.

#### A.2.1.15 Applicant Debt Ratio Stated Before Requested credit Amount

This is the debt divided by available credit based on the values stated by the applicant before factoring in the requested credit amount- this information is not taken from the bureau. This is expressed as a percent: 50% shows as 50.

#### A.2.1.16 Applicant Debt To Income Ratio Stated After Requested credit Amount

This is the debt divided by income based on the values stated by the applicant after factoring in the requested credit amount- this information is not taken from the bureau. This is expressed as a percent: 50% shows as 50.

#### A.2.1.17 Applicant Debt To Income Ratio Stated Before Requested credit Amount

This is the debt divided by income based on the values stated by the applicant before factoring in the requested credit amount- this information is not taken from the bureau. This is expressed as a percent: 50% shows as 50.

#### A.2.1.18 Applicant Payment To Income Ratio Stated

This is the total amount of all monthly payments divided by monthly income. These values are stated by the applicant and not taken from the bureau. This is expressed as a percent: 50% shows as 50.

#### A.2.1.19 Applicant Prior Customer

This parameter indicates whether the applicant is a prior customer. It is populated when the application is passed to Underwriting for a decision. If the SSN given by the applicant already exists then the applicant is marked as a prior customer and the parameter value is Y (Yes).

#### A.2.1.20 Applicant Revolving Debt Ratio Stated

This is the sum of all revolving type line of credit amount balances / sum of all revolving type credit limits. This applies to open tradelines only. This is expressed as a percent: 50% shows as 50.

#### A.2.1.21 Applicant Stated Employment Period (In Months)

This parameter looks at the number of months of stated employment for the most recently entered current employment.

For example, the applicant states that she has been working at her current place of employment for 3 years and 5 months. This parameter would be populated with (3years \* 12 months/year) + 5 months which calculates to 41 stated months. If the applicant enters another current employment and enters 1 year and 2 months then this parameter will be populated with 14 months, even though the other employment is still current.



# A.2.1.22 Applicant Stated Monthly Income

This is the monthly income stated by the applicant on the application. It combines the income for all employment marked as "current" in the system. If the income is stated as anything other than monthly, the income will be converted to monthly for this parameter.

For example, the applicant states that he is paid \$50,000 with a frequency of ANNUALLY. This parameter is populated with \$50,000/12, which calculates to \$4166.67 stated monthly income.

### A.2.1.23 Applicant Stated Monthly Liability

This is the stated monthly liability as provided by the applicant on the Application Entry screen.

#### A.2.1.24 Applicant Stated Residence Period (In Months)

This parameter looks at the stated residence period for the most recent current address.

# A.2.2 Line of Credit Details

#### A.2.2.1 Approximate Cash Price

This is the Approximate Cash price taken from the "Approx Price" field on the Application Entry form's Line of Credit screen in the system.

### A.2.2.2 Requested Advance Amount

This is the Requested Advance Amount value taken from the Application Entry form's Line of Credit screen in the system.

# A.2.3 Auto Trades / Inquiries

#### A.2.3.1 Applicant Credit Bureau 6month Auto Trades

This is the number of auto trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.3.2 Applicant Credit Bureau 12month Auto Trades

This is the number of auto trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.3.3 Applicant Credit Bureau 24month Auto Trades

This is the number of auto trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.3.4 Applicant Credit Bureau Auto Inquries

This is the number of automobile-related credit inquiries the have been made to the bureau.

#### A.2.3.5 Applicant Credit Bureau Auto Trades

This is the number of auto trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.



### A.2.3.6 Applicant Credit Bureau Current Auto Trades

Total number of auto trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.3.7 Applicant Credit Bureau Open Auto Trades

This is the number of open auto trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.3.8 Applicant Credit Bureau Satisfactory Auto

Total number of auto trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.3.9 Applicant Credit Bureau Worst Auto Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure

9 = charge-off

# A.2.4 Bank Trades / Inquiries

#### A.2.4.1 Applicant Credit Bureau 12month Bank Trades

This is the number of bank trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.4.2 Applicant Credit Bureau 24month Bank Trades

This is the number of bank trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.4.3 Applicant Credit Bureau 6month Bank Trades

This is the number of bank trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.



### A.2.4.4 Applicant Credit Bureau Bank Inquiries

This is the number of bank inquiries against the bureau in the applicant's recorded bureau history.

#### A.2.4.5 Applicant Credit Bureau Bank Trades

This is the number of open bank trades on the account. Note that bank trades can be considered a sub type to installment, mortgage, and / or revolving line of credit.

#### A.2.4.6 Applicant Credit Bureau Bank Trades

Total number of bank trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.4.7 Applicant Credit Bureau Bank Trades

This is the number of bank trades that are open right now. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.4.8 Applicant Credit Bureau Bank Trades

This parameter shows the "current" revolving bank balance. If the revolving credit is owned by a bank, then it will show up here.

# A.2.4.9 Applicant Credit Bureau Bank Trades

This parameter shows the highest cumulative balance among all revolving bank credit over the bureau history.

#### NOTE

If the applicant had \$5,000 on one account 2 years ago and \$10,000 on another account 4 years ago, this parameter would return \$15,000. The parameter is of questionable utility in many situations.

#### A.2.4.10 Applicant Credit Bureau Bank Trades

Total number of bank trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.4.11 Applicant Credit Bureau Bank Trades

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late



- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure
- 9 = charge-off

# A.2.5 Card Trades / Inquiries

### A.2.5.1 Applicant Credit Bureau Bank Trades

This is the number of card trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.5.2 Applicant Credit Bureau Bank Trades

This is the number of card trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.5.3 Applicant Credit Bureau Bank Trades

This is the number of card trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.5.4 Applicant Credit Bureau Bank Trades

This is the number of card inquiries that have been made against the bureau for the applicant in the bureau's recorded history.

#### A.2.5.5 Applicant Credit Bureau Card Trades

This is the number of card trades, both open and closed, in the bureau history. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.5.6 Applicant Credit Bureau Current Card Trades

Total number of card trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.5.7 Applicant Credit Bureau Open Card Trades

This is the number of open card trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.5.8 Applicant Credit Bureau Satisfactory Card

Total number of card trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.5.9 Applicant Credit Bureau Worst Card Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current



- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure
- 9 = charge-off

# A.2.6 Installment Trades / Inquiries

#### A.2.6.1 Applicant Credit Bureau 12month Inst Trades

This is the number of installment trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.6.2 Applicant Credit Bureau 24month Inst Trades

This is the number of installment trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.6.3 Applicant Credit Bureau 6month Inst Trades

This is the number of installment trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.6.4 Applicant Credit Bureau Current Inst Trades

Total number of installment trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.6.5 Applicant Credit Bureau Inst Trades

This is the number of installment trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.6.6 Applicant Credit Bureau Open Inst Trades

This is the number of open installment trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.6.7 Applicant Credit Bureau Satisfactory Inst Trades

Total number of installment trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.



# A.2.6.8 Applicant Credit Bureau Worst Inst Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure

9 = charge-off

# A.2.7 Line of Credit Finance Trades / Inquiries

#### A.2.7.1 Applicant Credit Bureau 12month credit Amount Fin Trades

This is the number of credit finance trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.7.2 Applicant Credit Bureau 24month credit Amount Fin Trades

This is the number of credit finance trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.7.3 Applicant Credit Bureau 6month credit Amount Fin Trades

This is the number of credit finance trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.7.4 Applicant Credit Bureau Current credit Amount Fin Trades

Total number of credit finance trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.7.5 Applicant Credit Bureau credit Amount Fin Trades

This is the number of credit finance trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.7.6 Applicant Credit Bureau credit Amount Finance Inquiries

This is the number of credit finance inquires listed on the credit report. The bureaus have their own limits as to how long they keep an inquiry on the credit report, but this parameter will show whatever total is shown for that bureau.



# A.2.7.7 Applicant Credit Bureau Open credit Amount Finance Trades

This is the number of open credit finance trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

### A.2.7.8 Applicant Credit Bureau Satisfactory credit Amount Fin

Total number of credit finance trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.7.9 Applicant Credit Bureau Worst credit Amount Fin Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure

9 = charge-off

# A.2.8 Mortgage Trades / Inquiries

#### A.2.8.1 Applicant Credit Bureau 12month Mortgage Trades

This is the number of mortgage trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.8.2 Applicant Credit Bureau 24month Mortgage Trades

This is the number of mortgage trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.8.3 Applicant Credit Bureau 6month Mortgage Trades

This is the number of mortgage trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.8.4 Applicant Credit Bureau Current Mortgage Trades

Total number of mortgage trades that are paid on time right now. These trades may or may not have been delinquent in the past.



### A.2.8.5 Applicant Credit Bureau Mortgage Trades

This is the total number of mortgage trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.8.6 Applicant Credit Bureau Open Mortgage Trades

This is the number of open mortgage trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.8.7 Applicant Credit Bureau Satisfactory Mortgage

Total number of mortgage trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.8.8 Applicant Credit Bureau Worst Mortgage Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure

9 = charge-off

# A.2.9 <u>Retail Trades / Inquiries</u>

#### A.2.9.1 Applicant Credit Bureau 12month Retail Trades

This is the number of retail trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.9.2 Applicant Credit Bureau 24month Retail Trades

This is the number of retail trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.9.3 Applicant Credit Bureau 6month Retail Trades

This is the number of retail trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.



# A.2.9.4 Applicant Credit Bureau Current Retail Trades

Total number of retail trades that are paid on time right now. These trades may or may not have been delinquent in the past.

## A.2.9.5 Applicant Credit Bureau Open Retail Trades

This is the number of open retail trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

## A.2.9.6 Applicant Credit Bureau Retail Inquiries

This is the number of retail inquires listed on the credit report. The bureaus have their own limits as to how long they keep an inquiry on the credit report, but this parameter will show whatever total is shown for that bureau.

## A.2.9.7 Applicant Credit Bureau Retail Trades

This is the number of retail trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

## A.2.9.8 Applicant Credit Bureau Satisfactory Retail

Total number of retail trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

## A.2.9.9 Applicant Credit Bureau Worst Retail Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

- 1 = current
- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure
- 9 = charge-off

# A.2.10 <u>Revolving Trades</u>

## A.2.10.1 Applicant Credit Bureau 12month Rev Trades

This is the number of revolving trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.



# A.2.10.2 Applicant Credit Bureau 24month Rev Trades

This is the number of revolving trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.10.3 Applicant Credit Bureau 6month Rev Trades

This is the number of revolving trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.10.4 Applicant Credit Bureau Current Rev Trades

Total number of revolving trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.10.5 Applicant Credit Bureau Open Rev Trades

This is the number of open revolving trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.10.6 Applicant Credit Bureau Rev Balance

This is the total revolving credit balance shown on the applicant's credit bureau. This applies to all open revolving trades.

# A.2.10.7 Applicant Credit Bureau Rev High Balance

This parameter shows the highest cumulative balance among all revolving credit over the bureau history.

#### NOTE

If the applicant had \$5,000 on one account 2 years ago and \$10,000 on another account 4 years ago, this parameter would return \$15,000. The parameter is of questionable utility in many situations.

#### A.2.10.8 Applicant Credit Bureau Rev Retail Balance

This is the current revolving retail trade balance shown on the applicant's credit bureau. This applies to all open retail trades. It shows current, not historical, information.

#### A.2.10.9 Applicant Credit Bureau Rev Retail High Balance

This parameter shows the highest cumulative balance among all revolving retail credit over the bureau history.

#### Note

If the applicant had \$5,000 on one account 2 years ago and \$10,000 on another account 4 years ago, this parameter would return \$15,000. The parameter is of questionable utility in many situations.



# A.2.10.10 Applicant Credit Bureau Rev Trades

This is the number of revolving trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

## A.2.10.11 Applicant Credit Bureau Satisfactory Rev Trades

Total number of revolving trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

## A.2.10.12 Applicant Credit Bureau Worst Rev Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

1 = current

- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure

9 = charge-off

# A.2.11 Sales Finance Trades / Inquiries

#### A.2.11.1 Applicant Credit Bureau 12month Sales Fin Trades

This is the number of sales finance trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.11.2 Applicant Credit Bureau 24month Sales Fin Trades

This is the number of sales finance trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.11.3 Applicant Credit Bureau 6month Sales Fin Trades

This is the number of sales finance trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.11.4 Applicant Credit Bureau Current Sales Fin Trades

Total number of sales finance trades that are paid on time right now. These trades may or may not have been delinquent in the past.



# A.2.11.5 Applicant Credit Bureau Open Sales Finance Trades

This is the number of open sales finance trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.11.6 Applicant Credit Bureau Sales Fin Trades

This is the number of sales finance trades, both open and closed. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.11.7 Applicant Credit Bureau Sales Finance Inquiries

This is a count of the number of sales finance inquiries that have been made against the Applicant's bureau information in the bureau history.

## A.2.11.8 Applicant Credit Bureau Satisfactory Sales Fin

Total number of sales finance trades paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.

#### A.2.11.9 Applicant Credit Bureau Worst Sales Fin Trade

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

- 1 = current
- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure
- 9 = charge-off

# A.2.12 Other Trades

#### A.2.12.1 Applicant Credit Bureau 12month Trades

This is the number of all trades that have been opened in the last 12 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.12.2 Applicant Credit Bureau 24month Trades

This is the number of all trades that have been opened in the last 24 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.



# A.2.12.3 Applicant Credit Bureau 6month Trades

This is the number of all trades that have been opened in the last 6 months. Note that these trades may now be open or closed, paid as agreed, delinquent, or derogatory, and so on.

#### A.2.12.4 Applicant Credit Bureau Avg Open Trade Age

This is the average trade age in months as calculated using all open trades in the bureau. This is based on taking all of the open tradelines, then dividing by the age.

## A.2.12.5 Applicant Credit Bureau Avg Trade Age

This is the average trade age in months as calculated using all trades, open and closed, in the bureau.

## A.2.12.6 Applicant Credit Bureau Chargeoff Trades

This parameter is a count of the total number of charged off trades for that applicant in the bureau.

#### A.2.12.7 Applicant Credit Bureau Collections

This is the total number of trades in collections for that applicant in the credit bureau. This refers to accounts assigned to collections agencies.

#### A.2.12.8 Applicant Credit Bureau Current Trades

This is the total number of trades that are paid on time right now. These trades may or may not have been delinquent in the past.

#### A.2.12.9 Applicant Credit Bureau Inquiries

This is the number of inquires listed on the credit report. The bureaus have their own limits as to how long they keep an inquiry on the credit report, but this parameter will show whatever total is shown for that bureau.

#### A.2.12.10 Applicant Credit Bureau Inquiries 12m

This is the total number of inquiries that have been made against the credit bureau for that applicant in the last 12 months

#### A.2.12.11 Applicant Credit Bureau Inquiries 24m

This is the total number of inquiries that have been made against the credit bureau for that applicant in the last 24 months

#### A.2.12.12 Applicant Credit Bureau Inquiries 6m

This is the total number of inquiries that have been made against the credit bureau for that applicant in the last 6 months

#### A.2.12.13 Applicant Credit Bureau Judgments

This is a count of the number of judgments against the applicant in the credit bureau.

#### A.2.12.14 Applicant Credit Bureau Liens

This is the total number of liens shown for the applicant in the credit bureau for that applicant.



# A.2.12.15 Applicant Credit Bureau Newest Inquiry

This is the number of months since the most recent inquiry in the credit bureau for that applicant. This of course excludes the pull from the immediate past used to do the scoring in this particular situation in the system.

## A.2.12.16 Applicant Credit Bureau Newest Trade

This is the number of months between now and the newest trade in the bureau for that applicant.

#### A.2.12.17 Applicant Credit Bureau Oldest Inquiry

This is the number of months between now and the oldest inquiry in the bureau for that applicant.

## A.2.12.18 Applicant Credit Bureau Oldest Trade

This is the number of months between now and the oldest trade in the bureau for that applicant. Oldest is determined by looking at the oldest date on any tradeline, and then showing that.

#### A.2.12.19 Applicant Credit Bureau Open Collection Trades

This is the number of open trades in collections shown in the bureau for that applicant. This refers to any accounts assigned to in-house collections departments (as compared to 5.12.7).

## A.2.12.20 Applicant Credit Bureau Open Collections

This is the number of open collections in the bureau for that applicant.

#### A.2.12.21 Applicant Credit Bureau Open Judgments

This is the total number of open (unsatisfied) judgments against the applicant as indicated in the bureau for that applicant.

#### A.2.12.22 Applicant Credit Bureau Open Liens

This is the total number of open liens against the applicant as indicated in the bureau for that applicant.

#### A.2.12.23 Applicant Credit Bureau Open Trades

This is the number of all open auto trades on the account. Note that these trades may be paid as agreed, delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.12.24 Applicant Credit Bureau Past Due 30

This is the number of trades that have been 30 or more days past due at some point in the recorded history of the bureau. Note that these trades may be delinquent, derogatory, and so on. The parameter makes no distinction.

#### A.2.12.25 Applicant Credit Bureau Past Due 30 12m

This is the number of trades that have been more than 30 days past due in the last 12 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.



# A.2.12.26 Applicant Credit Bureau Past Due 30 24m

This is the number of times the applicant has been more than 30 days past due in the last 24 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

## A.2.12.27 Applicant Credit Bureau Past Due 60

This is the number of times the applicant has been more than 60 days past due in the recorded history of the bureau. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

## A.2.12.28 Applicant Credit Bureau Past Due 60 12m

This is the number of times the applicant has been more than 60 days past due in the last 12 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

#### A.2.12.29 Applicant Credit Bureau Past Due 60 24m

This is the number of times the applicant has been more than 60 days past due in the last 24 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

#### A.2.12.30 Applicant Credit Bureau Past Due 90

This is the number of trades that are 90 or more days past due in the recorded history of the bureau. Note that these trades may be delinquent, derogatory, and so on. The parameter makes no distinction that one trade has been late 3 times; this parameter would show 1 if there are no other trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

# A.2.12.31 Applicant Credit Bureau Past Due 90 12m

This is the number of times the applicant has been more than 90 days past due in the last 12 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

# A.2.12.32 Applicant Credit Bureau Past Due 90 24m

This is the number of times the applicant has been more than 90 days past due in the last 24 months. The past dues could be for the same or different trades. If one trade has been late 3 times, this parameter would show 1 if there are no other trades.

# A.2.12.33 Applicant Credit Bureau Past Due Now

This is the number of trades on which the applicant is currently past due, according to the bureau.

# A.2.12.34 Applicant Credit Bureau Repossessions

This is the number of repossessions shown on the bureau for the applicant in the history of the bureau.

#### A.2.12.35 Applicant Credit Bureau Satisfactory Trades

This is the total number of trades of all types, paid as agreed (no delinquencies) for the entire life of the trade. This could be a few months or several years- the parameter makes no distinction.



# A.2.12.36 Applicant Credit Bureau Too New Trades

This shows the number of trades that have been reported where a lender is reporting a brand new account, but has not even billed the applicant yet.

## A.2.12.37 Applicant Credit Bureau Trade Collections

This is the number of trades in collections assigned to collections agencies shown on the bureau for the applicant in the history of the bureau.

## A.2.12.38 Applicant Credit Bureau Trades

This is the number of trades in the history of the credit bureau for that applicant. Note that different bureaus store information for varying amounts of time.

#### A.2.12.39 Applicant Credit Bureau Worst Trades

The rating code used for this parameter is the same rating code system displayed for the tradelines. The different bureaus use different systems so Oracle Financial Services Lending and Leasing changes them to a common format that is used in the scoring:

- 1 = current
- 2 = 30-59 days late
- 3 = 60-89 days late
- 4 = 90-119 days late
- 5 = 120-149 days late
- 6 = 150- days late
- 7 = involved in a bankruptcy
- 8 = repossession, foreclosure
- 9 = charge-off

# A.2.13 Bankruptcy information

#### A.2.13.1 Applicant Credit Bureau 11 Bankruptcies

This parameter provides a count of the number of Chapter 11 Bankruptcies the applicant has filed in the stored history of the bureau.

## A.2.13.2 Applicant Credit Bureau 13 Bankruptcies

This parameter provides a count of the number of Chapter 13 Bankruptcies the applicant has filed in the stored history of the bureau.

#### A.2.13.3 Applicant Credit Bureau 7 Bankruptcies

This parameter provides a count of the number of Chapter 7 Bankruptcies the applicant has filed in the stored history of the bureau.



# A.2.13.4 Applicant Credit Bureau Bankruptcies

This parameter provides a count of the number of bankruptcies of any type the applicant has filed in the stored history of the bureau.

## A.2.13.5 Applicant Credit Bureau Bkrp Score

The bureaus offer two basic types of scores, a FICO type, and a bankruptcy type. The term FICO score is sometimes used as a generic term for a credit score, but it is supposed to mean that the score is based on an algorithm purchased or licensed from Fair Isaac Corp. In the system, if a score is listed as a FICO score, it is based on a Fair Isaac model. A bankruptcy score is a score that is used to predict the likelihood of a consumer to file bankruptcy. It is provided much like a FICO score.

#### A.2.13.6 Applicant Credit Bureau Open 11 Bankruptcies

This parameter provides a count of the number of open Chapter 11 Bankruptcies associated with the applicant in the bureau.

## A.2.13.7 Applicant Credit Bureau Open 13 Bankruptcies

This parameter provides a count of the number of open Chapter 13 Bankruptcies associated with the applicant in the bureau.

#### A.2.13.8 Applicant Credit Bureau Open 7 Bankruptcies

This parameter provides a count of the number of open Chapter 7 Bankruptcies associated with the applicant in the bureau.

#### A.2.13.9 Applicant Credit Bureau Open Bankruptcies

This parameter provides a count of the number of bankruptcies of any type the applicant X has open currently.

#### A.2.13.10 Applicant Credit Bureau Recent 11 Bankruptcy

For this parameter, "Recent" refers to the number of months since the subject's most recent bankruptcy filing. One would use this parameter to determine if the subject has filed for Chapter 11 bankruptcy in the last X months.

#### A.2.13.11 Applicant Credit Bureau Recent 13 Bankruptcy

For this parameter, "Recent" refers to the number of months since the subject's most recent bankruptcy filing. One would use this parameter to determine if the subject has filed for Chapter 13 bankruptcy in the last X months.

# A.2.13.12 Applicant Credit Bureau Recent 7 Bankruptcy

For this parameter, "Recent" refers to the number of months since the subject's most recent bankruptcy filing. One would use this parameter to determine if the subject has filed for Chapter 7 bankruptcy in the last X months.

# A.2.13.13 Applicant Credit Bureau Recent Bankruptcy

For this parameter, "Recent" refers to the number of months since the subject's most recent bankruptcy filing. One would use this parameter to determine if the subject has filed for any kind of bankruptcy in the last X months.



# A.2.13.14 Applicant Has A Prior Bankruptcy

This parameter tracks whether the applicant has indicated a prior bankruptcy based on the checkbox in the the system's Origination module. The prior bankruptcy is set to Y if the checkbox is checked otherwise it has a value of N.

# A.2.14 Delinquency Information

# A.2.14.1 Applicant Credit Bureau Longest Since Major

This parameter reflects the longest period (in months) a tradeline has been open since the last derog.

# A.2.14.2 Applicant Credit Bureau Longest Since Minor

This parameter reflects the longest period (in months) a tradeline has been open since the last minor delinquency.

# A.2.14.3 Applicant Credit Bureau Open Longest Since Major

This parameter considers the greatest amount of time (in months) between now and the corresponding major delinquency for all of the open parameters with major delinquencies, and reflects the greatest value returned.

# A.2.14.4 Applicant Credit Bureau Open Longest Since Minor

This parameter considers the greatest amount of time (in months) between now and the corresponding minor delinquency for all of the open parameters with minor delinquencies, and reflects the greatest value returned.

# A.2.14.5 Applicant Credit Bureau Open Shortest Since Major

This parameter considers the least amount of time (in months) between now and the corresponding major delinquency for all of the open parameters with major delinquencies, and reflects the least value returned.

# A.2.14.6 Applicant Credit Bureau Open Shortest Since Minor

This parameter considers the least amount of time (in months) between now and the corresponding minor delinquency for all of the open parameters with minor delinquencies, and reflects the least value returned.

# A.2.14.7 Applicant Credit Bureau Shortest Since Major

This parameter considers the least amount of time (in months) between now and the corresponding major delinquency for all of the parameters (open and closed) with major delinquencies, and reflects the least value returned.

# A.2.14.8 Applicant Credit Bureau Shortest Since Minor

This parameter considers the least amount of time (in months) between now and the corresponding minor delinquency for all of the parameters (open and closed) with minor delinquencies, and reflects the least value returned.



# A.2.15 Derogatory Trade Information

# A.2.15.1 Applicant Credit Bureau Derog 12m Trades

Provides the number of trades that were derogatory in the last 12 months. This includes open and closed trades. These trades may or may not be derogatory now.

# A.2.15.2 Applicant Credit Bureau Derog 24m Trades

Provides the number of trades that were derogatory in the last 24 months. This includes open and closed trades. These trades may or may not be derogatory now.

# A.2.15.3 Applicant Credit Bureau Derog Now Trades

Provides the number of trades that are derogatory right now. Does this include closed trades?

# A.2.15.4 Applicant Credit Bureau Derog Trades

This parameter addresses the number of derogatory trades associated with the applicant. This includes open and closed trades.

# A.2.15.5 Applicant Credit Bureau Longest Since Derog

This parameter covers the longest period (in months) since last derog.

# A.2.15.6 Applicant Credit Bureau Open Longest Since Derog

This parameter covers the longest period (in months) a tradeline has been open since the last derog.

# A.2.15.7 Applicant Credit Bureau Open Shortest Since Derog

This parameter considers the least amount of time (in months) between now and the corresponding derog for all of the open parameters with derogs, and reflects the least value returned.

# A.2.15.8 Applicant Credit Bureau Shortest Since Derog

This parameter considers the least amount of time (in months) between now and the corresponding derog for all of the parameters (open and closed) with derogs, and reflects the least value returned.



# **Appendix B: Rounding Amounts and Rate Attributes**

# **Rounding Amounts**

Generally in the lending industry, computed amounts (interest, fees, costs, and so on) are rounded to the second decimal place. However, there are occasions where the rounding of the computed amounts has to be carried out using different methods. Oracle Financial Services Lending and Leasing supports the rounding, raising, or cutting off of calculated amounts.

**Rounding** will increase the resulting amount to the next number up to the second decimal, based on the value of third decimal.

**Raising** will always increase the resulting amount to the next number up to the second decimal.

Cutting off will always cut the number after the second decimal.

You can choose the rounding method you want to use by setting the parameter value for the system parameter CMN\_AMOUNT\_ROUND\_METHOD in setup screen (Setup > Administration > System > System Parameters > System tab).

You can choose the rounding factor you want to use by setting the parameter value for the system parameter CMN\_AMOUNT\_ROUND\_FACTOR in setup screen (Setup > Administration > System > System Parameters > System tab).

# Examples of how resulting amounts differ by RAISE, ROUND, and CUTOFF:

# Example 1: Amount: 234.136

Method	Result
Round	234.14
Raise	234.14
Cutoff	234.13

# Example 2: Amount: 234.134

Method	Result
Round	234.13
Raise	234.14
Cutoff	234.13

#### Example 3: Amount: 234.1319999

Method	Result
Round	234.13
Raise	234.14
Cutoff	234.13



#### Note

The system rounds only calculated amounts (calculated fees, calculated payment, and so on) and not user-entered amounts.

# **Rate Attributes**

The system supports the rounding of the index rate to keep the rate calculation as simple as possible for the customers. The general practice is to round the rate to nearest eighth (1/8th) (to keep the index rate in the multiple of .125) or fourth (1/4th) (to keep the index rate in the multiple of 25). The system rounds only the index rate and not the margin or final rate. You can define the index rounding method on the Product tab's Product Definition screen for variable rate line of credits.

#### Note

Index rounding does not apply to fixed rate .

The system currently supports the following rounding of methods.

- 1. NO ROUNDING TO INDEX RATE
- 2. INDEX RATE ROUNDED TO NEAREST .25
- 3. INDEX RATE ROUNDED TO NEAREST .125

NO ROUNDING TO INDEX RATE: Select this method for no rounding.

INDEX RATE ROUNDED TO NEAREST .25: Select this method to round up to 1/4th (to keep the index rate in the multiple of .25).

#### Examples

Туре	Value
Current rate:	5.125
Round of rate:	5.25
Туре	Value
<b>Type</b> Current rate:	<b>Value</b> 5.124

INDEX RATE ROUNDED TO NEAREST 0.125: Select this method to round up to 1/8th (to keep the index rate in the multiple of 0.125).



# Examples:

Туре	Value
Current rate:	5.325
Rate rounded to:	5.375
Туре	Value
Type Current rate:	<b>Value</b> 5.312



# **Appendix C:System Parameters**

# C.1 Introduction

System defined parameters help in configuring system specific data, User-access, location of system files; reports related URLs and other administration controlled data. These are essential to be configured during installation and some of them by nature of application will have to be reviewed and maintained in a regular and periodic manner.

Following are the types of parameters are used in OFSLL system depending on the areas of the system that these would apply and impact:

- System Parameters
- Organization Parameters
- <u>Company Parameters</u>
- Other Parameters

#### Note

All the above parameters can be controlled (enabled/disabled) only by System Administrators, and users with Admin/Super User privileges who would be involved in setting-up OFSLL system.

# C.2 System Parameters

System parameters apply to the entire system. They relate to the overall processing of the system like application server file locations, data purging configurations and so on. Table below details the list of system parameters with their description and pre-defined values.

Parameter	Description
ACA_DLQ_AMT_EX- CLUDED	This parameter is used to exclude delinquency amount for account ACH
ACA_PAYMENT_AU- TO_LOAD	This parameter is used to control posting directly from the ACH file that has been created for customer payments. Input parameter value is Boolean (Yes/No). If the parameter is set to 'Y', the system automatically creates payment batches for the payments in the ACH file and posts them on the day of payment.
ACA_PRENOTE_DAYS	This parameter is used to define the number of days the prenote should be initiated for customer ACH (Automated Clearing House) accounts. Input parameter value is numeric.
ACA_PRE_PROCESS DAYS	This parameter is used to specify the number of days before draft day for Account ACH process. Input parameter value is numeric.
ACH_PAYEE_PRENOTE DAYS	This parameter is used to define the number of days for prenote to occur for Producer or Vendor ACH accounts. Input parameter value is numeric



Parameter	Description
ADMIN_SERVER_URL	This parameter is used to define the admin server URL
ADR_DIRECTORY	This parameter is used to define the Oracle Directory Object Name for ADR file location
ADR_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle Directory Object Name for ADR file location
AGE_APPROVED_CON- DITIONED_DAYS	This parameter is used to specify the number of days by which an application in 'Approved' or 'Conditioned' status is treated as Aged Application. Input parameter value is numeric with no upper limit.
AGE_CONTRACT_DAYS	This parameter is used to specify the number of days by which a contract is treated as Aged Contract. Input param- eter value is numeric with no upper limit.
ASC_COL_SER_ENA- BLED_IND	This parameter is used as the Collection Servicing Ena- bled Indicator
CAC_DIRECTORY	This parameter is used to define the Oracle Directory Object Name for CAC file location
CAC_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle Directory Object Name for CAC file location
CHECK_PRINT_PREVIEW	Using this parameter we can allow preview of application in pdf form before printing. Input parameter value is Boolean (Yes/No).
CMN_AMOUNT_ROUND_ FACTOR	This parameter is used to define the rounding factor for applicable fields (in this case calculated amounts). Input parameter value is 'ROUND AMOUNT TO 2 DECIMALS'. Currently system supports rounding factor 2 only.
CMN_AMOUNT_ROUND_ METHOD	This parameter is used to define the amount round method during system set-up and would be applicable for all calcu- lated amounts (calculated fees, payment etc.) across the application. Input values are ROUND, RAISE and CUT- OFF: <b>ROUND</b> : Rounded to nearest number higher or lower <b>RAISE</b> : Rounded to the nearest higher number <b>CUTOFF</b> : Truncate the digits without rounding or raising
CMN_APP_ACC_TI- TLE_FN_LN	This parameter is used to set the Application or Account title in one of the formats – First/Last Name or Last/First Name. Input parameter value is Boolean (Yes/No). If Yes is chosen, title would be in the format – First/Last Name, else the other option.
CMN_APP SERVER_HOME	This parameter is used to set the Application Server Home Directory. Input parameter value is user defined.
CMN_CURRENT_MOD- EL_YEAR	This parameter is used to default the Current Model Year.
CMN_DEBUG_LEVEL	This is the Common Debug Level



Parameter	Description
CMN_DEBUG_METHOD	This parameter allows to define the location to which generic debug logs (other than Alert/Warning and GRI) are to be written. If set to 'ADVANCE_QUEUE', system writes the logs in Logs table and if set to 'UTL_FILE', system gen- erates the alert log file.
CMN FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing files/documents are to be pro- cessed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.
	The same is used by the batch jobs available in SET-IFP (input file processing) Batch Job Set.
CMN_GL_POST_DT	This parameter is used to specify the General Ledger Post- ing date. If scheduler is enabled, it automatically updates this to current system date. Else Admin User would need to set this date manually to ensure correct posting dates in GL.
CMN_HTTP_PROX- Y_PORT	This parameter is enabled to specify the port to be used for outgoing HTTP connections. Input parameter value is user defined.
CMN_HTTP_PROXY SERVER	This parameter is enabled to specify the proxy server to be used for outgoing HTTP connections. Input parameter value is user defined. There exists an interdependency of this parameter with CMN_HTTP_PROXY_PORT men- tioned above.
CMN_INT_360_ACCRU- AL_DAYS_MTHD	This parameter is used to specify the interest accrual method for 360 days, to be used by the System for all cal- culations with interest. Currently two methods are sup- ported. Input parameter value is 'US' or 'EU' representing American and European method of interest accrual for 360 days.
CMN_TEST_TOOL_LOG- GING	This parameter is used to set testing tool logging parame- ter
CMN_SCHEMA_ID	This is used to specify the schema identifier for all users.
CMN_SCHEMA_NAME	This is used to specify the Oracle User Name for a specific schema. Input parameter value is user defined.
CMN_SCHEMA_PASS- WORD	This captures the password for Oracle, for the specific schema. Input parameter value is user defined. This parameter need not be enabled when in Oracle Network.
CMN_SERVER_HOME	This parameter captures the Server Home Directory. Input parameter value is user defined.
CMN SERVER_TEMP_DIR	This parameter is used to specify the temporary directory on the server along with the path. Input parameter value is user defined.



Parameter	Description
CMN_SER_ENVIRON- MENT_FILE	This parameter captures the environment file (and its path) for running the Operating System commands from Job Service. Input parameter value is user defined.
CMN_WALLET_PASS- WORD	This parameter is used to specify the common wallet pass- word. Input parameter value is user defined.
CMN_WALLET_PATH	This parameter is used to specify the common wallet path for oracle database. Input parameter value is user defined.
CPP_NO_OF_PROMISES	This parameter is used to define the maximum number of promises/chances allowed for a customer who is delin- quent and promises to pay. Input parameter value is numeric with no upper limit.
CPP_PROMISE_HELD DAYS	This parameter is used to define the maximum number of days after the promises made by the customer to pay are broken to initiate further actions. Input parameter value is numeric with no upper limit.
CRD_CHS_BIN	This parameter holds the value of the credit card BIN (Bank Identification Number for Credit Cards), for CHASE interface. Input parameter value is user defined. (P.S: OFSLL supports CHASE interface for credit card pay- ments processing)
CRD_CHS_CUR_CODE	This parameter is used to specify the currency code of the transacting currency for CHASE interface. Input parameter value is user defined.
CRD_CHS_DIR_PATH	This parameter is used to specify the directory path for CHASE payment interface for Credit Cards. Input parameter value is user defined.
CRD_CHS_IND_TYPE	This is used to specify the industry type for CHASE pay- ment interface for Credit Cards. Input parameter value is user defined.
CRD_CHS_MER- CHANT_ID	This captures the merchant ID number for CHASE pay- ment interface for Credit Cards. Input parameter value is user defined.
CRD_CHS_RE- MOTE_HOST_NAME	This captures the remote host name for seeking approvals for CHASE payment interface. Input parameter value is user defined.
CRD_CHS_SEC_RE- MOTE_HOST_NAME	Similar to the previous parameter this captures the sec- ondary remote host name of CHASE interface for seeking approvals for credit card payments. Input parameter value is user defined.
CRD_CHS_TIMEOUT	This parameter is used to define the timeout limit when polling the interface for processing credit card payments. Input parameter value is numeric.

Parameter	Description
CRD_CHS_USR_ID	This parameter captures the user id for CHASE interface which is required whenever the System needs to access/ seek authorizations/process payments for credit cards etc. Input parameter value is user defined.
CRD_PTB_RE- MOTE_HOST_NAME	This is the Protobase Remote Host Name
CRD_PTB_RE- MOTE_HOST_PORT	This is the Protobase Remote Host Port
CRD_PTB_TIMEOUT	This is the Protobase Timeout Value
CRD_SOURCE_TYPE_CD	This is the Source Type Code
DDT_CREATE_DUE DATE_HISTORY	This parameter must be enabled to create a due date his- tory for any account. Due date history sub tab under Trans- action history displays the delinquency history of an account in a tabular format detailing Due date, Due Amount, Last Payment date, Payment Amount, Balance Amount, Days past due and Payment received flag. The input parameter value for this parameter is Boolean (Yes/ No).
DECI- SION_BUY_RATE_TOL- ERANCE	This parameter is used to define the variance in buy rate
EDF_DIALER_ACCT TYPE	This parameter is used to set up the account number refer- ence for the dialer file to pick-up records for Auto dialer interface. Input parameter value is account number.
FLL_BPEL_PROCESS	This parameter is set to use BPEL process in OFSLL. Input parameter value is Boolean (Yes/No).
ICA_INPUT_FILE_FOR- MAT	This parameter is used to define the input call activity file format
IFD_DIRECTORY	This parameter is used to define the Oracle directory object name for IFD file location
IFD_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle directory object name for IFD file location
INCOM- ING_LOB_PURGE_DAYS	This parameter is used to define the incoming process file table purge days
INPUT_DIRECTORY	This parameter is used to define the Oracle directory object name for INPUT file location
ITU_DIRECTORY	This parameter is used to define the Oracle directory object name for ITU file location
ITU_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle directory object name for ITU file location
IVR_DIRECTORY	This parameter is used to define the Oracle directory object name for IVR file location



Parameter	Description
IVR_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle directory object name for IVR file location
JSC_TIMEOUT	This parameter is used to set the polling interval for job scheduler. Input parameter value is numeric. To check whether it represents minutes/seconds.
JSV_ARCHIVE SERVER_CONFIG	This parameter is used to set the configuration file for reports archive server. Input parameter value is user defined.
JSV_ARCHIVE SERVER_URL	This parameter is used to specify the archive server url. Input parameter value is user defined.
JSV_BI_PASSWORD	This parameter is used to define the BI Publisher Pass- word
JSV_BI_USER	This parameter is used to define the BI Publisher User ID
JSV_TEMPORARY_DI- RECTORY	This parameter is used to define Oracle directory object name for Job Service Temp file location
JSV_BI_PASSWORD- JSV_REPORTS_RUNT- IME	This parameter is to specify the reports runtime program. Input parameter value is user defined.
JSV_REPORTS_RUNT- IME_CMDFILE	This parameter is used to specify the reports runtime com- mand file. Input parameter value is user defined.
JSV_REPORTS SERVER_CONFIG	This parameter is used to specify the configuration file for reports server. Input parameter value is user defined.
JSV_REPORTS SERVER_URL	This is used to specify the URL for the reports server. Input parameter value is user defined.
JSV_REPORT_AR- CHIVE_DIRECTORY	This is used to specify the path and directory of Reports archive, input parameter value being numeric.
JSV_SMTP_SERVER	This parameter specifies the SMTP server used by job service for sending email messages. Input parameter value is user defined.
JSV_TIMEOUT	This is to specify the polling interval for the job service dur- ing time out. Input parameter value is numeric. To check whether it represents minutes/seconds.
JSV_USE_BI_PUBLISHER	This parameter defines whether BI publisher should be used to process reports are not. Input parameter value is Boolean (Yes/No).
JSV_USE_REPORTS SERVER	This parameter is used to specify whether reports server from job service should be used or not. Input parameter value is Boolean (Yes/No).
LBX_TXN_GROUP- ING_CNT	This parameter is used to specify the no. of records per batch for payment transactions and lock box batch records. Input parameter value is numeric.



Parameter	Description
LCO_COL_LET- TER1_GEN_DAYS	This parameter specifies the number of days post which first collection letter should be generated for accounts with dues unpaid. Input parameter value is numeric.
LCO_COL_LET- TER2_GEN_DAYS	This parameter specifies the number of days post which second collection letter should be generated for accounts with dues unpaid. Input parameter value is numeric.
LCO_COL_LET- TER3_GEN_DAYS	This parameter specifies the number of days post which third collection letter should be generated for accounts with dues unpaid. Input parameter value is numeric.
LIEN_RELEASE_DAYS	This parameter is used to define the Lien Release Days
LOCKBOX_DIRECTORY	This parameter is used to define the Oracle directory object name for Lockbox file location
LOCKBOX_PRO- CESSED_DIRECTORY	This parameter is used to define the Oracle directory object name for processed Lockbox file location
LOR_ADVERSE_AC- TION_GEN_DAYS	This parameter is used to specify the number of days after the third collection letter post which the adverse action let- ter is to be generated. Input parameter value is numeric.
LOG_LOB_PURGE_DAYS	This parameter is used to log files header table purge days
MAX_AGED_TXN_AU- THORIZE_DAYS	This parameter is used to specify the maximum number of days within which a transaction should be authorized. Input parameter value is numeric and represents the number of days.
MAX_VOID_TXN_AU- THORIZE_DAYS	This parameter is used to set the maximum days to author- ize transaction
OCP_CUSTOMER_P- MT_SITE_ID	This parameter is used to set the customer payment extract file site id
OCP_IN- CLUDE_ACH_ACC	This parameter is used to set the customer payment extract including ach accounts
OUTGO- ING_LOB_PURGE_DAYS	This parameter is used to define the outgoing process file table purge days
OUTPUT_DIRECTORY	This parameter is used to define Oracle directory object name for OUTPUT file location
PAC_ARCHIVE_DAYS	This parameter is used to define number of days for peri- odic archiving of account. Input parameter value is numeric.
PAC_OARCHIVE_DAYS	This parameter is used to define the number of days for archiving accounts from 'O' tables i.e. old tables. Input parameter value is numeric
PAP_ARCHIVE_DAYS	This parameter is used to define the number of days for archiving applications on a periodic basis. Input parameter value is numeric.



Parameter	Description
PAP_OARCHIVE_DAYS	This parameter is used to define the number of days for archiving applications from 'O' tables. Input parameter value is numeric.
PCU_CHECK_REFUND DAYS	This parameter is used to specify the maximum number of days within which an overpayment from the customer can be refunded. Input parameter value is numeric.
PDC_PRE_PROCESS DAYS	This parameter value will define the number of days prior to the due day, regular account PDC process should be ini- tiated. Input parameter value is numeric.
PENDING_PDC_DAYS	This parameter value will define the number of days before the initiation day for pending PDC accounts.
PGL_ARCHIVE_DAYS	This parameter defines the number of days, post which the transactions in GL would be archived. Input parameter value is numeric
PGL_OARCHIVE_DAYS	This parameter is used to define the number of days, post which the transactions in GL will be moved to the 'O' tables. Input parameter value is numeric.
PJR_PURGE_DAYS	This parameter is used to specify the days post which the job requests are to be purged. Input parameter value is numeric.
POD_PURGE_DAYS	This parameter is used to define the number of days after which the Output data file headers are to be purged. Input parameter value is numeric.
PPA_ARCHIVE_DAYS	This parameter is used to specify number of days after which pools and its transactions archiving is to be done to 'O' tables. Input parameter value is numeric.
PPA_OARCHIVE_DAYS	This parameter is used to specify number of days after which pools and its transactions archiving is to be done to 'OO' tables. Input parameter value is numeric
PPR_ARCHIVE_DAYS	This is used to specify the days for archival of producers details on a regular basis. Input parameter value is numeric.
PPR_OARCHIVE_DAYS	This is used to specify the days after which the producers details from 'O' tables need to be archived. Input parameter value is numeric.
PPX_ARCHIVE_DAYS	This is used to specify the days after which producer trans- actions are to be archived. Input parameter value is numeric.
PPX_OARCHIVE_DAYS	This is used to specify the days after which the producer transactions are to be moved from 'O' tables. Input parameter value is numeric.
PJR_COPY_PURGED DATA	This parameter is used to copy data into purge tables



Parameter	Description
PST_ARCHIVE_DAYS	This parameter specifies the number of days for which the statements are to be archived. Input parameter value is numeric.
PST_OARCHIVE_DAYS	This parameter specifies the number of days for which the statements are to be archived in the 'O' tables. Input parameter value is numeric.
PTT_PURGE_DAYS	This is used to specify the number of days after which the PTT table is to be purged. Input parameter value is numeric.
PTX_ARCHIVE_DAYS	This parameter is used to specify the number of days the transactions are to be archived. Input parameter value is numeric.
PTX_OARCHIVE_DAYS	This parameter is used to specify the number of days after which the archived transactions from 'O' tables are to be moved. Input parameter value is numeric.
PUL_PURGE_DAYS	This parameter is used to specify the number of days post which the User login details are to be purged. Input param- eter value is numeric.
PVA_ARCHIVE_DAYS	This parameter stores the number of days for archival of regular vendor assignments. Input parameter value is numeric.
PUP_ARCHIVE_DAYS	This parameter stores the number of days for archival of transaction upload. Input parameter value is numeric
PUP_OARCHIVE_DAYS	This parameter is used to specify the number of days after which the archived transactions from 'O' tables are to be moved. Input parameter value is numeric
PVA_OARCHIVE_DAYS	This parameter value specifies the number of days for archival of vendor assignments from 'O' tables to 'OO' tables. Input parameter value is numeric.
PVI_ARCHIVE_DAYS	This parameter is used to specify the number of days for which the regular vendor invoices are to be archived. Input parameter value is numeric.
PVI_OARCHIVE_DAYS	This parameter is used to specify the number of days post which the regular vendor invoices are to be moved from 'O' tables to 'OO' tables. Input parameter value is numeric.
RAC_LOAD_FREQUENCY	This parameter is used to specify Accounts RDH Load Fre- quency
RAP_LOAD_FREQUENCY	This parameter is used to specify Applications RDH Load Frequency
RAT_LOAD_FREQUENCY	This parameter is used to specify Asset Tracking RDH Load Frequency



Parameter	Description
RBK_LOAD_FREQUENCY	This parameter is used to specify Bankruptcy Details RDH Load Frequency
RCA_LOAD_FREQUENCY	This parameter is used to specify Call Activities RDH Load Frequency
RCH_LOAD_FRE- QUENCY	This parameter is used to specify Deficiency Details RDH Load Frequency
RCO_LOAD_FRE- QUENCY	This parameter is used to specify Contracts RDH Load Frequency
RFO_LOAD_FREQUENCY	This parameter is used to specify Repo-Foreclosure RDH Load Frequency
RPR_LOAD_FREQUENCY	This parameter is used to specify Producers Rdh Load Frequency
RST_LOAD_FREQUENCY	This parameter is used to specify Setup Data RDH Load Frequency
RTX_LOAD_FREQUENCY	This parameter is used to specify Txns RDH Load Fre- quency
SALESAGENT MAIL_SEND_IND	This parameter is used to specify whether decision fax needs to be sent to sales agent (yes/no)
SCORING_PARAME- TER_ALERT	This parameter is used to set the scoring parameter alert
SQL_DIRECTORY	This parameter is used to set the Oracle directory object name for SQL file location
TES_ANA_PRE_PROCES S_CYCLES	This parameter is used to specify the pre-process cycles required for Escrow analysis. Input parameter value is numeric.
TES_DSB_ANALY- SIS_PERCENT	This parameter is used to specify the percentage for escrow disbursements. Input parameter value is numeric.
TES_DS- B_PRE_PROCESS_DAYS	This is used to specify the number of days for pre-process for escrow disbursements. Input parameter value is numeric.
TPE_AMORTIZE_AC- CRUED_INT_ONLY	This parameter is used to specify that system has to amor- tize accrued interest at month end
TPE_APPLY_LTC FROM_CURR_DUE_DT	This parameter is used for pyramid law fee method to apply late charge from current due date
TPE_ESC_ANALY- SIS_DELQ_AMT	Parameter considers billed but uncollected amount for escrow analysis
TPE_EXCESS_PAY- MENT_TO_MEMO	Excess payment on the account will be moved to memo payment.



Parameter	Description
TPE_EXCLUDE_ESC_LTC	This parameter defines whether escrow should be included or excluded while calculating late charge. Input parameter value is Boolean (Yes/No).
TPE_EXT_CY- CLES_BACKDATED	This parameter is used to define the maximum extension cycles allowed for back dating. Input parameter value is numeric with no upper limit
TPE_FUTURE_PAYOFF DAYS	The value specified in this parameter validates the 'Valid Up to Date' with 'Payoff quote' during monetary transac- tions posting.
TPE_GL_RE- FUND_HOLD_DAYS	This parameter is used to define the number of days the non-refunded amount can be held in GL. Input parameter value is numeric.
TPE_MAX_CY- CLES_BACKDATED	This parameter is used to define the maximum cycles that are allowed for back dating in OFSLL. Input parameter value is numeric.
TPE_MIN_1098_INT_AMT _PAID	This parameter is used to specify the lower limit or mini- mum interest amount paid for 1098 i.e. Mortgage Interest Statement. In the US, FIs need to report mortgage interest of \$600 or more received from individuals, during the course of their business. Input parameter value is 600, the minimum value above which reporting by FI is required in form 1098 for each mortgage account.
TPE_OLDEST DUE_DT_NEW_MTHD	This parameter is enabled to specify whether new method for calculation of oldest due date based on given data should be used or not. Input parameter value is Boolean (Yes/No).
TPE_PAID_TO_CLOSE DAYS	This parameter is used to specify the number of days allowed post which a paid account would be closed. Input parameter value is numeric.
TPE_PAYMENT_TO MULTI_ACCOUNTS	This parameter is enabled to allow one payment for dues in multiple accounts. Input parameter value is Boolean (Yes/No).
TPE_PAYOFF_VAL- ID_THRU_DAYS	This parameter is used to specify the number days the pay-off quote is valid by default. i.e. if the parameter is set as 7, the payoff quote is valid for 7 days and customer can pay the quoted amount as final closure amount within those days. Input parameter value is numeric.
TPE_PMT_POST_EOD	This parameter is used to allow payments when the batch process for End of Day is running. Input parameter value is Boolean (Yes/No). If this is set to 'Y', payments can be allowed during EOD.
TPE_SCHGOFF_DLQ DAYS	This parameter is used to define the number of delinquent days to treat an account for SCHGOFF (charge – off). Input parameter value is numeric. (To verify)



Parameter	Description
TPE_SCHGOFF_RE- VIEW_DAYS	This parameter is used to define the number of days allowed for review of SCHGOFF accounts. Input parameter value is numeric.
TPE_SCRA_DEFAULT_IN- TEREST_RATE	This parameter is used to define the default interest rate that is to be applied for customers who are in military duty. OFSLL will apply the lower of the prevailing interest rate or SCRA default interest rate specified through this parame- ter. Input parameter value is numeric (in this case 6, which is interest rate to be applied for SCRA accounts.
TPE_SHOW_BACK- DATE_WARNING	This parameter is used to define whether a warning mes- sage is to be shown if monetary transaction is backdated
TPE_ST- M_INC_ALL_TXNS	This parameter is enabled to define whether all transac- tions should be included in the statements or otherwise. Input parameter value is Boolean (Yes/No).
TPE_STOP_COMP_DELQ _DAYS	This parameter is used to stop computation when delq days > 60
TPE_TXN_POST_DE- FAULT_GLDATE	This parameter is used to default GL date in date type parameters during txn posting (y/n)
TPE_VOID_TO_CLOSE DAYS	This parameter is used to define the number of days allowed for closing Void accounts. Input parameter value is numeric.
UIX_DEFAULT_IMAGE PATH	This parameter is used to define the default image direc- tory maintained for the purpose of online attachment of document images to an application using documents main- tenance section under Account documentation. Input parameter value is user defined.
UIX_DIRECT_LOAN COMBO_ULN_UFN	This parameter when set to yes allows underwriting and funding to be carried on by a single responsibility for direct loans only. Input parameter value is Boolean (Yes/No).
UIX_INCOMING_FILE PATH	This parameter is used to specify incoming file path of app server
UIX_LOCAL_COUN- TRY_CD	Through this parameter we can set the local country where an FI has multiple branches across different geographies. Input parameter value is user defined.
UIX_LOCK_UN- LOCK_AND_COPY	This parameter is used to enable the user interface lock / unlock and copy features. Input parameter value is Boolean (Yes/No).
UIX_MAX_ACC SEARCH_ROWS	This parameter is used to specify the maximum number of account rows to be returned for search functionality. Input parameter value is numeric.
UIX_MAX_APP SEARCH_ROWS	This parameter is used to specify the maximum number of application rows to be returned for search functionality. Input parameter value is numeric.



Parameter	Description
UIX_OUTGOING_FILE PATH	This parameter is used to specify outgoing file path of app server
UIX_REPORTS SERVER_CONFIG	This parameter can be used to specify the user interface reports server configuration file. This is not required for OFSLL.
UIX_REPORTS SERVER_URL	This parameter sets the URL for Reports server. Input parameter value is user defined.
UIX_SHOW_LN_VARIA- BLE_RATE_TABS	This parameter can be used to show loan variable rate tabs. Input parameter value is Boolean (Yes/No). This is not required for OFSLL.
UIX_UTILITIES_SERV- LET_URL	This parameter can be used to specify the User Interface utilities servlets URL. This is not required for OFSLL.
UPR_PRO_NBR_SYS- _GENERATED	This parameter can be used to specify whether producer number should be system generated or seek input from user. Input parameter value is Boolean (Yes/No). Generally this is set to yes for system generation.
VEV_NADA_TOKEN_URL	This parameter is used to set the token URL for vehicle evaluation interface NADA. Input parameter value is user defined.
VEV_NADA_UPDATE DAY	This parameter is used to specify the day of the month to update the vehicle evaluations every month. Input parame- ter value is numeric.
VEV_NADA_URL	This parameter is used to set the URL for vehicle evalua- tion interface NADA. Input parameter value is user defined.
VEV_NADA_USER_ID	This parameter is used to specify the User id for login to the NADA interface. Input parameter value is user defined.
VEV_NADA_USER_PASS- WORD	This parameter is used to specify the password for login to the NADA interface. Input parameter value is user defined.
VEV_VALUATION_RE- GION	This parameter is used to define the default region for vehi- cle evaluation. Input parameter value is the region name, and is user defined.



Parameter	Description
VEV_VALUATION SOURCE_CD	This parameter is used to specify the default vehicle evalu- ation source code. Input parameter value is user defined. A number of parameters are possible in OFSLL as below: 1.Appraisal Company 2.Broker 3.BUC GUIDE 4.DATA QUICK 5.NAMS/SAMS SURVEY – USED 6.REALTOR 7.NADA INTERFACE USED CARS 8.BLACKBOOK INTERFACE USED CARS 9.KELLY INTERFACE 10.NADA – NEW 11.NADA – USED 12.KELLY NEW BLUE BOOK 13.KELLY USED BLUE BOOK 14.INVOICE 15.BLACK BOOK 16.NADA INTERFACE COMMERCIAL TRUCKS 17.COMPANY INVOICE 18.GOLD BOOK 19.GALVS 20.OTHER 21.ALG
WFP_DIRECTORY	This parameter is used to specify the Oracle directory object name for WFP file location
WFP_MAX_CY- CLES_BACKDT	This parameter is used to specify the back dated cycles date for WFP.
WFP_PROCESSED_DI- RECTORY	This parameter is used to define oracle directory object name for wfp file location.
WFP_REVERSE_TX- N_IND	This parameter is enabled to define the WFP reversal indi- cator. Input parameter value is Boolean (Yes/No).
XAE_DEALUPD_MAX_AL- LOWED_DAYS	This parameter is used to define the max allowed days for Deal Update
XAE_DEALUPD_AL- LOWED_IND	This parameter is used to indicate whether deal update is allowed or not
OUTBOUND_CALL_Q	This parameter is used to generate reports (including emailing statements/letters) using Application Server instead of Database server.
ACA_PRE_PROCESS DAYS_FIRST	This parameter is used to configure the number of days before the debit day for ACH process in first time/ one-time case
IPR_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle directory object name for processed IPR file location
IPR_DIRECTORY	This parameter is used to define the Oracle directory object name for IPR file location



Parameter	Description
UIX_PWD_MGMT_EX- TERNAL_URL	This parameter is used to set external password manage- ment url, if applicable
UIX_PWD_MGMT_EX- TERNAL	This parameter is used to define the parameter if password management is external. (SET Y IF PASSWORD MAN-AGEMENT IS EXTERNAL (Y/N)).
ICU_PROCESSED_DI- RECTORY	This parameter is used to define the Oracle directory object name for processed ICU file location
ICU_DIRECTORY	This parameter is used to define the Oracle directory object name for ICU file location
UIX_BILL_CYCLE_AL- LOWED_IND	This parameter is used to indicate whether Billing cycle is allowed at the application level
CMN_EOD_SLEEP_MINS	This parameter is used to set in minutes the EOD sleep time
CMN_CORE_BANK_TX- N_CD	This parameter is used to set code for OFSLL and Core Banking integration
UIX_DIRECT_DISB_MAN- UAL_SELECT	This parameter will allow manual selection of disbursement mode for direct loans
ICC_DLQ_AMT_EX- CLUDED	This parameter enabling will exclude delinquency amount for CASA account
CMN_CORE_BANK_IND	This parameter is used to set whether OFSLL can inte- grate with Core Banking.
BKRP_FILE_REC_LIMIT	This parameter is used to set the limit of total number of records allowed to be added in the 'Input Data File' shared from external interface.
	<b>Note</b> : if the number of records exceeds the set limit, multiple 'Input Data Files' are to be created.
UVN_VEN_NBR_SYS- _GENERATED	This parameter is used to validate if 'Vendor Number' has to be auto generated (if set to Y) or to be specified manu- ally in the Vendor details screen.
METRO_WITHOUT_COL- L_IND	This parameter indicates whether Metro II reporting is han- dled without OFSLL Collections module being used. If the parameter value is set as 'Y' i.e. collection module is not used, system updates the collateral status directly as part of 'REPO' call activity.
	However when Collections module is being used, the Col- lateral status is tracked with the repossession details updated in 'Repo/Foreclosure' screen of Collections mod- ule.



Parameter	Description
METROII FIRST_DELQ_DT_ADD	This parameter is used to calculate the first delinquency date that needs to be reported in the Metro II reporting file.
DAY	By default the parameter is 'disabled' indicating that the ini- tial delinquency date calculated by the system is used for Metro II reporting. The same needs to be enabled to add the parametrized number of days to the system calculated first delinquency date for the Metro II reporting purpose.
DAYS_TO_PULL_CR- B_REPORT	This parameter is used to configure the number of days permitted to pull a Bureau report from the same company and for the same customer.
XWS_ACS_RESP MULTI_RECORD_IND	This parameter is used to indicate if multiple records exist in the response file received for account search.
	Accordingly, when there are multiple records found and this parameter is enabled and set to 'No' (default), system displays an error message "Too Many Records Found. Please Refine Search by Adding One More Parameter"
	However, when this parameter is set to 'Yes', system only indicates that there are multiple records/rows in response file.
GRI_DLQ_DAYS_AU- TO_STATUS_CHG	This parameter is used to define the delinquency days which inturn is used to automatically update the status of a work order to 'PENDING ON HOLD' status.
TPE_PMT_POSTING CLS_ACCOUNT	This parameter is used to define the payment posting crite- ria for Closed - Paid Off/ Charged-off accounts.
	Accordingly, OFSLL accepts payment posting on closed accounts only when the parameter is set to 'Y' and all the payments received through Payment Entry screen or 'Pay- ment Upload' file are posted to a 'Suspense' account.
TPE_BACKDT_P- MT_POSTING	This parameter is used to define the payment posting crite- ria for backdated payments for the following type of account conditions:
	- Paid off
	- Charged-off
	- Account under activation
	- Account under conversion
	- Non-performing Account
	- PC2 SI (Pre-computed to Simple Interest) Reschedule
	Accordingly, OFSLL accepts backdated payment posting only when the parameter is set to 'Y' and all the payments received through Payment Entry screen or 'Payment Upload' file are posted to a 'Suspense' account.



Parameter	Description
EXP_PA SOFT_PULL_IND	This parameter when enabled allows 'Soft Pull' Credit Bureau request, specifically for Experian Premier Attribute Consumer Report without impacting the consumer FICO score.
PMT_BATCH_POSTING	This parameter (PAYMENT BATCH POSTING PREFER- ENCE) is used to define the status of payment transactions which are uploaded in bulk through a batch process.
POOL_ACTIVE_AC- COUNTS_ONLY	This parameter controls the type of accounts that can be added to a Securitization Pool and allows adding only 'Active' status accounts since the same is enabled (value set to 'Y') by default. To add accounts with other status such as Active, Paid Off, Charged Off, Void, Terminate. and so on, set the value of system parameter to 'N'.
AUTO_GEN_ACC_NBR CONV	This parameter is used for conversion accounts to decide option of account number generation. If the value of parameter is set to 'Y' the account number is automatically generated in OFSLL during conversion and if the value is 'N', then external reference number (generated in third party system) itself is appended as the account number.
OUTBOUND_DL- R_TRACK_Q	This parameter defines the settings for batch job 'SET_XPR' to either use MDB (Message Driven Bean) flow (if value set to 'Y') or existing work flow (if value set to 'N') to dump producer details maintained in the system into Dealer Track.
	MDB flow generates outbound JMS message though the configured MDB interface and can avoid current database outbound calls and session timeout.
	In the existing workflow, the database makes synchronous outbound calls to producer data dump web service, to dump the data and acknowledge the database with the sta- tus (success or failure).
OUTBOUND_ROUTE- ONE_Q	This parameter defines the settings for batch job 'SET_XPR' to either use MDB (Message Driven Bean) flow (if value set to 'Y') or existing work flow (if value set to 'N') to dump producer details maintained in the system into ROUTEONE.
	MDB flow generates outbound JMS message though the configured MDB interface and can avoid current database outbound calls and session timeout.
	In the existing workflow, the database makes synchronous outbound calls to producer data dump web service, to dump the data and acknowledge the database with the sta- tus (success or failure).

Parameter	Description
GRI_WEBSER- VICE_LOG_IND	This parameter is used to decide on logging GRI (Generic Recovery Interface) communications. If enabled, system logs all the GRI related web service communications between OFSLL and external interfaced system.
	The recorded logs can be viewed in Dashboard > System Monitor > Database Server Log Files tab by selecting 'Interfaces' view option.
PVE_ARCHIVE_DAYS	This parameter stores the number of days for archival of regular vendors. Input parameter value is numeric.
PVE_OARCHIVE_DAYS	This parameter is used to specify the number of days post which the regular vendors are to be moved from 'O' tables to 'OO' tables. Input parameter value is numeric.
LBX_DR_CR_VALI- DATE_AMT_IND	This parameter (VALIDATE LOCKBOX DR/CR BATCH TOTALS) is used to facilitate NACHA file validation. Based on the status of the parameter, system is either allowed to validate the file or process without validation.
PAP_PURGE_DAYS	This parameter allows to define the number of days after which the application data from archival folders are to be deleted permanently. Purging happens based on elapsed number of days i.e. if value is set to 60 days, only those records which are older by 60 days in archival folder are deleted.
PAC_PURGE_DAYS	This parameter allows to define the number of days after which the accounts data from archival folders are to be deleted permanently. Purging happens based on elapsed number of days i.e. if value is set to 60 days, only those records which are older by 60 days in archival folder are deleted.
CMN_SED FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing seed data is to be processed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.
CMN_EDF FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing data from Dialer Interface is to be processed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.
	The same is used by the batch jobs EDFADR_BJ_100_01 and EDFIVR_BJ_100_01 which are available in SET-EDF Batch Job Set.
CMN_FAX FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing Fax data is to be processed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.

Parameter	Description
CMN_RED FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the outgoing details of Data Masking Policy (i.e. Redaction policy output file) is to be processed. If set to 'Y', system processes the data from LOB and if set to 'N', system pro- cesses the data from FILE.
	The same is used by the batch job REDPRC_BJ_100_01 available in SET-RED Batch Job Set.
CMN_WFP FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing WFP Unit details are to be pro- cessed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.
	The same is used by the batch job WUPPRC_BJ_132_01 available in SET-WFP Batch Job Set.
CMN_AUD FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the outgoing Audit scripts are to be processed. If set to 'Y', system processes the data from LOB and if set to 'N', sys- tem processes the data from FILE.
CMN_LBT FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the incoming or outgoing Lockbox files are to be pro- cessed. If set to 'Y', system processes the data to/from LOB and if set to 'N', system processes the data to/from FILE.
	The same is used by the batch jobs LBXPRC_BJ_100_01 and LBXSEP_BJ_100_01 available in SET-LBT Batch Job Set.
CMN_ODD FILE_PROCESS_TO_LOB	This parameter allows to define the location from where the outgoing ODD or Output Data Dump files are to be pro- cessed. If set to 'Y', system processes the data from LOB and if set to 'N', system processes the data from FILE.
	The same is used by the batch job ODDPRC_BJ_000_01 available in SET-ODD3 Batch Job Set.
CMN_ALERT_DE- BUG_METHOD	This parameter allows to define the location to which Alert and Warning logs are to be written. If set to 'ADVANCE QUEUE', system writes the logs in Logs table and if set to 'UTL_FILE', system generates the alert log file.
CMN_GRI_WS_DE- BUG_METHOD	This parameter allows to define the location to which GRI (Generic Recovery Interface) web service logs are to be written. If set to 'ADVANCE_QUEUE', system writes the logs in Logs table and if set to 'UTL_FILE', system gener- ates the log file.

Parameter	Description
UIX_CUSTOM- ER_BASED_PMT_IND	If this parameter is set to 'Y' and is 'Enabled', system accepts posting direct payment to an account and also accepts customer based payments to all linked accounts.
	To facilitate customer based payments, 'Customer/Busi- ness #' and 'Payment Hierarchy' fields along with 'Popu- late Accounts' button are enabled in 'Payment Entry' screen to specify required values.
PMT_HIERARCHY_CODE	In this parameter, you can specify a payment hierarchy which is populated by default in Customer Details and Business Details (if applicable) screen after account acti- vation.
	However, the specified value is selected by default only if there is a matching hierarchy definition enabled record maintained in Setup > Administration > User > Payment Hierarchy screen. Else, 'Equal Amount' value is selected which in-turn adjusts the payment equally to all customer/ business linked accounts.
	<b>Note</b> : System does not consider this parameter value while 'creating account using existing customer/business details' since the default selection is done during the creation of existing customer / business account.
EVI_MAX_RE- TRY_COUNT	This parameter records and controls the maximum attempts to re-trigger FAILED Webhook requests which cannot exceed more than 5 times. However, this parame- ter can be modified if the maximum re-trigger attempts is to be less than 5 times.
UIX_CUSTOM_LA- BEL_ENABLED_IND	This parameter indicates if the field label customizations are allowed i.e. ability to change label and provide access to fields in Label Configuration and Security User Access Definition Details screens.
	If set to 'Y', system refers data from database
	If set to 'N', system refers data from XLIB file.
UIX_MASTER_AC- C_BASED_PMT_IND	If this parameter is set to 'Y' and is 'Enabled', system accepts posting direct payment to a master account and also accepts master account based payments to all linked accounts.
	To facilitate master account based payments, 'Master Account #' field is enabled in 'Payment Entry' screen.
TPE_PMT_RE- FUND_CURRENCY_S- RC_CD	This parameter indicates the currency in which payment refund has to be processed in the system as either 'Pay- ment Currency' or 'Account Currency'. The same is consid- ered during payment refund operation in Payment Maintenance screen.



Parameter	Description
AUTO_GEN_ACTIVE_TX- N_CONV	This parameter if enabled, auto posts a dummy ACTIVE transaction on all 'migrated accounts' during the schedule batch job run. This in-turn allows to post RESCISSION / VOID transaction specifically for migrated accounts by selecting the dummy transaction from Customer Service > Maintenance screen or Transaction History transactions tab, For more information, refer 'Voiding an Account' section Servicing user guides.
FLL_CMN_JET_JWT_EN- ABLED_IND (JET JWT TOKEN ENA- BLE INDICATOR)	This parameter if set to 'Y', enables the 'Account Dash- board' screen in Servicing LHS menu. This screen is based on Oracle JET framework and facilitates to view Account summary details maintained in the system. For information on screen functionality, refer to Servicing User Manuals and for details on deployment and configuration, refer to Installation Manuals.
FLL_CMN_JET_JWT_TO- KEN_URL (JET JWT TOKEN GENER- ATION URL)	Define the value of the O-JET URL (app-shell application URL) in the format https:// <hostname>:<port no="">/ofsll-app-shell/<token></token></port></hostname>
FLL_SER_JET_AC- C_CREATE_URL (JET SIMPLE ACCOUNT CREATE URL)	Define the value of the O-JET URL (app-shell application URL) in the format https:// <hostname>:<port no="">/ofsll-app-shell?root=accountonboarding</port></hostname>
FLL_SER_JET_ACC DASHBOARD_URL (JET ACCOUNT DASH- BOARD URL)	Define the value of the O-JET URL (app-shell application URL) in the format https:// <hostname>:<port no="">/ofsll-app-shell?root=accountdetailsdashboard</port></hostname>
FLL_SET_JET_INTELLI- GENTSEG_URL (JET INTELLIGENT SEG- MENTATION URL)	Define the value of the O-JET URL (app-shell application URL) in the format https:// <hostname>:<port no="">/ofsll-app-shell?root=queuecreation</port></hostname>
ACCOUNT_PROCESS- ING_THRESHOLD (ACCOUNT ON-BOARD- ING ASYNCHRONOUS PROCESSING THRESH- OLD)	This parameter allows to restrict the number of accounts that can be created 'synchronously' using Account on- boarding WebService. However, creating accounts asynchronously in the system is further processed by the below batch jobs based on val- ued defined in this parameter. SET-API2 (ASYNCHRONOUS ACCOUNT CREATION) ACXVAL_BJ_100_01 (VALIDATE IAPP TABS) ACXAAI_BJ_100_01 (ASYNCHRONOUS ACCOUNT CREATION)
VTX_OUTBOUND_URL (OUTBOUND CALL URL FOR VERTEX)	This parameter defines the URL of the external adapter (Vertex) that is used to integrate with OFSLL.



Parameter	Description
VTX_VERSION (VERTEX VERSION)	This parameter defines the version of Vertex adapter that is required to be configured by the system.
AUTO_GEN_AGREE- MENT_NBR (AUTO GEN- ERATE AGREEMENT NUMBER FOR ACCOUNT ONBOARDING)	This parameter defines the mode by which agreement number is generated to an account. If set to 'Y', system generates the agreement number. If set to 'N', system accepts the external agreement number provided in Account on-boarding payload.
	<b>Note</b> : When system parameter is set to 'Y', the agreement number is also used as an identifier to validate the contract details and decide on which accounts should get same Agreement number.

# C.3 Organization Parameters

Organization parameters control the functions related to User login, password expirations, responsibilities and accessibility limits in the OFSLL system. Individual parameters can be created with different values for uniquely defined organizations, divisions, and responsibility combinations.

There are three more dimensions other than parameter name, description and enabling (similar to system parameters) as indicated below:

- 1. Organization
- 2. Division
- 3. Responsibility

These dimensions help to define the applicability of the responsibility for specific User in an Organization across selected Divisions/departments.

When determining which parameter to use, OFSLL system selects the best match based on a hierarchical sort by the Organization, Division, and Responsibility fields, with values of 'ALL' being a lower order match than an exact match.

While the system allows for Organization parameters to be defined at all three hierarchical levels (organization, division, and responsibility), not all will be applicable to each parameter.

Parameter	Description
MAX_PASSWORD_HISTO- RY_CHECK	This is used to set limit for number of times a password has been repeated during password change. This can be set for specific branches of the Organization, Divisions and Users based on responsibilities. Numeric value to be input to specify the limit.
UCS_GROUP_FOL- LOWUP_DAYS	This parameter is used to set up the number of days range for Group follow-up field in customer service screen which displays the set of accounts that share same account con- dition as the selected account and bear the same cus- tomer ID. The pre-requisite for this is Group Follow-up indicator should be enabled in queue setup. Input value is numeric.



Parameter	Description			
UCS_REVIEW QUEUE_ALLOWED	This is used to specify whether review can be done by the specific responsibility (user group) without entering details in call activities/activities. Parameter value to be input is Boolean (Yes/No).			
UIX_AP- P_VIEW_ALL_APPS	The system uses this parameter to determine which users have the ability to view all applications. The system selects the best match based on a hierarchical sort by Organiza- tion, Division and Responsibility fields, with values of 'ALL' being a lower order match than an exact match. Input parameter value is Boolean (Yes/No).			
UIX_HIDE_RESTRICT- ED_DATA	This is used to hide sensitive data relating to the Contract / Applicant to a specific group/responsibility etc. Suppose there is a need to hide data relating to SSN, Bank account details etc. to a specific user responsibility who will not need such data, this parameter can be enabled with input value Boolean (Yes/No). If this parameter is set to 'Y', the details appear in a masked format (for e.g. SSN – XXX- XX-456)			
UIX_SMTP_SERVER	This parameter is used to set up the email server for user interface. The input value would be 'SETME' and check the 'Enable' flag.			
UIX_VIEW_SE- CURED_ACCOUNTS	This is used to specify whether an account can be viewed by a specific responsibility (users). Parameter value is Boolean (Yes/No) and when flagged as Yes, such accounts would be viewable only by users defined in the Organization, Division hierarchy with the specified respon- sibilities. For example, all employee accounts may not be viewable by all users and should be made available only to the HR department with specific responsibility levels. <b>Note</b> : While creating application, selecting appropriate applicant's classification would be essential for this param- eter to be effective.			
UIX_VIEW_SE- CURED_APPLICATION	This is used to specify whether an application can be viewed by a specific responsibility (users). Parameter value is Boolean (Yes/No) and when flagged as Yes, such applications would be viewable only by users defined in the Organization, Division hierarchy with the specified responsibilities. For example, all employee accounts may not be viewable by all users and should be made available only to the HR department with specific responsibility lev- els. <b>Note</b> : While creating application, selecting appropriate applicant's classification would be essential for this param- eter to be effective.			
ULG_DAY_END	This is used to specify the upper limit time in day for a user to be able to work in the System. Parameter value is numeric and range is 1-24, else system will throw error.			



Parameter	Description			
ULG_DAY_START	This is used to specify the lower limit time in day for a user to be able to work in the System. Parameter value is numeric and range is 0-24, else system will throw error			
ULG_FAILED_LOGIN_TRI- ALS_MAX	This parameter is used to specify the maximum number of login trials allowed before disabling the User ID due to security reasons. Input parameter value is numeric with upper limit of 9999999999999.			
ULG_INACTIVITY_DAYS MAX	This parameter is used to specify the maximum number of days the User ID can be without utilization before disabling the User ID due to security reasons. Within the specified number of days the User Id must be utilized for sign in at least once. Input parameter value is numeric with upper limit of 999999999999.			
ULG_PWD_CASE_SENSI- TIVE_REQ	This is used to allow all passwords to be case sensitive or otherwise. Input parameter value is Boolean (Yes/No). When this parameter is set as 'NO', password would be stored in Upper case. If this parameter is set to N. then the ULG_PWD_LOWER_CHAR_REQ parameter should also be set to N.			
ULG_PWD_CHANGE DAYS_ACTUAL	This is used to set the maximum number of days after which system will force a password change, in cases where the User has not changed the password. Input parameter value is numeric with upper limit of 99999999999999.			
ULG_PWD_CHANGE DAYS_PROMPT	This is used to set the maximum number of days after which system will prompt the User for password change, in cases where password has not been changed within the set period. Input parameter value is numeric.			
ULG_PWD_LENGTH_MIN	This is used to set the minimum length of password string that is required. If this criterion is not met, system would throw an alert specifying minimum character length required to be input.			
ULG_PWD_LOW- ER_CHAR_REQ	This is used to allow at least one lower case character in password strings. Input value is Boolean (Yes/No). Setting this as 'NO' would mean passwords would be allowed in uppercase only.			
ULG_PWD_NBR_REQ	This parameter allows setting password with at least one numeric character. Input value is Boolean (Yes/No) and setting this as 'YES' would require passwords to have at least one numeric character.			
ULG_PWD_SPE- CIAL_CHAR_REQ	This parameter is used to allow special characters like '\$', '#', '@', in passwords. Input value is Boolean (Yes/No) and setting this as 'YES' would require passwords to have at least one special character.			



Parameter	Description	
ULG_PWD_UP- PER_CHAR_REQ	This is used to allow at least one upper case character in password strings. Input value is Boolean (Yes/No). Setting this as 'NO' would mean passwords would be allowed in lowercase only.	
ULG_WEEK_END	This parameter enables to set the last day of the week when a user can have access to the system. Input param- eter value is numeric ranging from 1 to 7. This is useful in business requirements where the Organization does not need a specific set of responsibilities (users) to not access the system on a weekend / week-off day etc.	
ULG_WEEK_START	This parameter is used to set the start day of the week when a user is allowed to access the system. Input param- eter value is numeric.	
CRB_ERROR_VALIDA- TION_IND	This parameter is used to validate the Credit Bureau report generation request depending on the number of days per- mitted to pull a Bureau report from the same company and for the same customer and report as either warning/error.	
	When the number of days is less than or equal to the per- mitted days (as defined in parameter DAYS_TO_PULL_CRB_REPORT), system displays an 'Error' message stating 'Bureau Report exists for the same Customer from the same Bureau for Account# XYZ' along with list of account number(s) and/or application num- ber(s). If not, a 'Warning' message is display and request is accepted for processing.	
	<b>Note</b> : Both 'CRB_ERROR_VALIDATION_IND' and 'DAYS_TO_PULL_CRB_REPORT' are to be enabled for Credit Bureau report processing.	
OCP_CUST_PMT_PREF	This parameter MASTER ACCOUNT ROLLUP FOR PMT EXTRACT FILE is used to decide the basis of dues con- solidation at master account level based on the parameter values selected. For more information, refer to 'Outbound Customer Extracts To Payment Agencies Batch' section.	

# C.4 Company Parameters

Company parameters control the processes associated with functions that vary for different companies and branches. These parameters address credit scoring, credit bureau interfaces, fax services, and fax generation.



Individual parameters may be set up with different values for uniquely defined company and branch combinations (i.e. these can be defined to the level of branches in each company or a group of companies in terms of applicability).

Parameter	Description	
AUD_ADV_REASON MODEL	This parameter is used to set-up default adverse action reasons for scoring models during set-up in the Parame- ters sub page. Whenever the flag 'Bureau Score Reasons' is unchecked during credit bureau scoring model set-up, then automatically rejected applications scored using this scoring model picks up the Adverse Action Reasons from the Parameters sub page.	
AUD_SCORING_METHOD	This parameter is used to set when/where the application scoring method has to be applied within the company. So when the parameter value is chosen as 'primary applicant only', the system will perform the application scoring for the primary applicant only and according to other applica- ble parameters specified. Other parameter input values are Minimum Score, Maximum Score, Minimum Tier (Grade), Maximum Tier (Grade).	
AUD_SCORING METHOD_IN_BUREAU	This parameter is used to define what value to be picked up for application scoring from the scores returned from the various bureaus. The input parameter values are Max- imum Score and Minimum Score. If Maximum score is set- up in company parameters, then for all applications where a bureau report is pulled, the system will pick-up the Maxi- mum score from the different bureaus.	
CBU_DATA_SET_SIZE	Parameter to define the metro 2 file data selection criteria, option values are monthly, Daily, weekly, semi monthly.	
CBU_FILE_FORMAT	Metro 2 file format definition, user need to select from the parameter value drop down.	
CMN_ASE_VALIDATE MAKE_MODEL	This parameter is set up to specify to the system whether it needs to validate the asset make and model at the time of data entry. In parameter value is Boolean (Yes/No).	
CMN_CMB_DE- FAULT_PRINTER	This is used to define the default printer for printing. The input parameter value is the printer name. There is no LOV for this field. If no default printer is defined and the parameter enabled, the system would display 'Undefined'.	
CMN_WEEKLY_NONBUSI- NESS_DAYS	<ul> <li>This parameter is used to set-up the weekly holidays at the company level. The input parameter value is character string; if no details specified and parameter is enabled, system would display 'UNDEFINED'.</li> </ul>	
COR_STORAGE_DIREC- TORY	This parameter is used to specify the path/location for Ora- cle directory object template for correspondence docu- ments. Input parameter value is 'SETME'; if none is specified and parameter enabled, 'UNDEFINED'.	



Parameter	Description		
DBR JOINT_INC_DEBT_WITH_ 2NDRY	This parameter defines whether system should consider income and debt details of the Spouse and Secondary Applicant along with that Primary Applicant. Input parame- ter value is Boolean (Yes/No).		
DBR JOINT_INC_DEBT_WITH_ SPOUSE	This parameter is used to define whether system should consider the income and debt details of Spouse alone along with that of Primary applicant details. Input parame- ter value is Boolean (Yes/No).		
DDP_CRB_EXPIRATION DAYS	This parameter is used to define the credit bureau report expiration days. So if this is set as 30, system will use all available credit bureau reports pulled which are not older than 30 days from current day, during de-dupe. Input value is numeric with no upper limit.		
DDP_DE- DUP_DEBT_WITH_2NDRY	This parameter defines whether the system should de- dupe credit bureau liabilities for Spouse and Secondary Applicants, in addition to de-duping Primary applicant's lia- bilities. Input parameter value is Boolean (Yes/No).		
DDP_DE- DUP_DEBT_WITH_SPOU SE	This parameter defines whether the system should de- dupe credit bureau liabilities for Spouse, in addition to de- duping Primary applicant's liabilities. Input parameter value is Boolean (Yes/No).		
DOT_STORAGE_DIREC- TORY	This parameter is used to define the location/path of the Oracle Directory Object name for Account Document Loading. Input parameter value is 'SETME'.		
ECB_EDIT FAIL_ANY_APL	This parameter is used to set the credit bureau edit to fail in case the bureau report for any of the applicant fails. Input parameter value is Boolean (Yes/No). So if this parameter is set to 'YES', the edit will fail even if one of the applicant's bureau score fails to qualify.		
ECB_USE_APL_CUR- RENT_SCORE_CRH	This parameter is used to define whether the system should run the credit bureau edits only on the current scored applicant bureau. Input parameter value is Boolean (Yes/No).		
LOR_AUTOMATIC_CON FUND_FAX	This is used to define the decision fax generation when an application is funded. The input parameter value is Boolean (Yes/No), and when this is set as 'YES', system automatically generates the fax approval in the predefined template whenever an application is approved.		
LOG_STORAGE_DIREC- TORY	This parameter is used to define the Oracle storage direc- tory. Input parameter value is user (System Administrator) defined.		

Parameter	Description			
LOR_AUTOMATIC_AP- PROVAL_FAX	This is used to define the decision fax generation when an application is approved. The input parameter value is Boolean (Yes/No), and when this is set as 'YES', system automatically generates the fax approval in the predefined template whenever an application is approved.			
LOR_AUTOMATIC_RE- JECTION_FAX	This is used to define the decision fax generation when an application is rejected. The input parameter value is Boolean (Yes/No), and when this is set as 'YES', system automatically generates the rejection fax in the pre-defined template whenever an application is declined.			
MAX_LEAD_DAY_AGE	This parameter is used to define the maximum no. of days, post which the sales lead would be considered cold. Input parameter value is numeric with no upper limit.			
MULTI_OFFER	Through this parameter the multiple offers (sub-tab) in pricing can be enabled or disabled for a Company/Branch. Input parameter value is Boolean (Yes/No). If the flag is set as 'Y', the underwriter can view multiple offers and select one of them to be applied for the specific applica- tion.			
MULTI_OFFER_MAX- _NUMBER	This parameter is used to specify the maximum number of multiple offers that can be permitted for an application. Input parameter value is numeric with no upper limit. If MULTI_OFFER company parameter is set as 'N', this parameter can be ignored as there is no use specifying a value.			
MULTI_OFFER_MAX- _TERM	This company parameter sets the maximum term (as in no. of instalments, whichever billing cycle is selected) for which multiple offers are calculated and displayed during pricing. Input parameter value is numeric.			
MULTI_OF- FER_MIN_TERM	This company parameter sets the minimum term (as in no. of instalments, whichever billing cycle is selected) for which multiple offers are calculated and displayed during pricing. Input parameter value is numeric.			
MULTI_OFFER_PMT_TOL- ERANCE	For Multi offer variance in payment is defined in this parameter.			
MULTI_OFFER_TERM VAR	For multi offer Term variance will be defined in the parame- ter.			
PRESENT_VALUE_COM- PUTE_RATE	This parameter will perform Present Value Computation Rate (Inflation/Discounting Rate).			
RATE_CHG_L- TR_PRE_PROCESS DAYS	This parameter is used to set up the number of days prior to rate change effective date to generate rate change let- ters in order to provide advance intimation to customers. Input parameter value is numeric with no upper limit.			

Parameter	Description
STM_GEN_AFTER_MATU- RITY_IND	This parameter is used to enable the statement generation for an account after the maturity date but Account remains unpaid. Input parameter value is Boolean (Yes/No). If this is set to 'Y', statements will get generated for accounts that remain unpaid even after maturity.
UIX_RUN_AAI_ACT	This parameter is used by the system to determine whether to create and activate an account online. Input parameter value is Boolean (Yes/No).
UIX_UCS_CAC_MAX FOLLOWUP_DAYS	This parameter is used to set up the maximum number of days for follow up when the account is in delinquent state. Input parameter value is numeric with no upper limit.
UIX_UCS_CAC_MAX- _PROMISE_DAYS	This parameter is used to set up the maximum number of days allowed for customers who promise to pay when fol- lowing up for delinquent accounts. Input parameter value is numeric.
AUD_QUEUE_INI- TIAL_CRB_FAILED	This parameter enabling will Queue the application if any bureau failed.
UIX_UCS_CUA_MAX FOLLOWUP_DAYS	This parameter will allow the user to maintain the Collec- tions maximum follow-up days that are allowed in the sys- tem.
XSL_TAX_INTERFACE	This parameter is used to specify the sales tax interface in OFSLL. Input parameter value is user defined. In this case it is held as 'Manual'.
CMN_SYSTEM_UNDER MAINTENANCE	This parameter specifies whether the system is under maintenance or not. Input parameter value is Boolean (Yes/No).
CMN_GL_POST_DT	This parameter is used to define the GL Post Date of Com- pany in MM/DD/YYYY format. The same is also updated by Scheduler if ENABLED.
PTX_TX- N_LAST_PURGE_DT	This parameter stores the date when transactions were purged last in the OFSLL system. Input parameter value is date.
PUP_TUP_LAST_PURGE_ DT	This parameter stores the date when transactions upload were purged last in the OFSLL system. Input parameter value is date.
JSC_START_OF_BUSI- NESS_TIME	This parameter is used to set the start of business time. Input parameter value is time in 24 hour format.

Parameter	Description
CMN_PROMISE_FU- TURE_MTHD	This parameter helps to define the future promise handling method in the system.
	When multiple 'Promise to Pay' records are defined on an account and if any one of the promise is not satisfied i.e. if there is no credit / Payment transaction of the correspond- ing amount on the promise date, then system uses any of the following method defined in this parameter to update the future promises.
	- No Action on future promises (default)
	- Mark current and future promises as broken
	- Mark current as broken but future promise as cancelled

## C.5 Other Parameters

The following additional set of parameters are also available to control system specific data and other administration process.

Parameter	Description
CRB_MAX_BU- REAU_PULL	This parameter is used to determine the number of credit reports automatically per applicant. Input parameter value is numeric.
CRB_ALL_APL_BU- REAU_PULL	This parameter is used to set up whether credit bureau reports should be pulled for the primary applicant only or to all other applicants also (for joint applications), regardless of their relationship with the primary applicant. Input parameter value is Boolean (Y/N).
CBU_FILE_FREQUENCY	This parameter is used to set the Metro II File Frequency and determine whether output file is to be generated daily or monthly. If this is monthly, then output file is written with daily data but generated monthly.
JOINT_DE- DUP_SPOUSE_LIABILI- TIES	This parameter is used to determine duplicate liabilities in the Spouse's liabilities in de-duping logic. Input parameter value is Boolean (Yes/No).
JOINT_DEDUP_ALLAP- L_LIABILITIES	This parameter is used to determine duplicate liabilities of all applicants' liabilities in de-duping logic, irrespective of whether they are related to each other. Input parameter value is Boolean (Yes/No).
ASC_COL_SER_ENA- BLED_IND	This parameter is used for enabling the Collection Servic- ing Indicator. Input parameter value is Boolean (Y/N).
CMN_TEST_TOOL_LOG- GING	This parameter is used to set the testing tool logging to enable or disable testing tool log in. Input parameter value is Boolean (Yes/No).

Parameter	Description	
ICA_INPUT_FILE_FOR- MAT	This parameter is used to specify the Input format for call activity file. Two Parameter values are possible – US format and OFSLL format.	
JSV_BI_USER	This parameter is used to define the BI publisher User ID. Input parameter value is user defined (Admin user).	
JSV_BI_PASSWORD	This parameter is used to define the BI publisher User password. Input parameter value is user defined (Admin user).	
PJR_COPY_PURGED DATA	This parameter is used to specify whether data should be copied into the purge tables or not. Input parameter value is Boolean (Yes/No).	
PUP_ARCHIVE_DAYS	This parameter is used to specify the number of days after which the transactions upload details are to be archived. Input parameter value is numeric.	
PUP_OARCHIVE_DAYS	This parameter is used to specify the number of days after which the transactions upload details are to be moved from 'O' tables. Input parameter value is numeric.	
TPE_APPLY_LTC FROM_CURR_DUE_DT	This parameter is used to specify whether late charge should be applied from current due date for Pyramid Law fee method. Input parameter value is Boolean (Yes/No).	
TPE_EXCESS_PAY- MENT_TO_MEMO	This parameter will make excess payment to the memo payment by marking this Parameter as YES.	
TPE_STOP_COMP_DELQ _DAYS	This parameter is enabled to stop computation if the account is delinquent for more than 60 days.	



# Appendix D:Configuration at Company Level

## D.1 Introduction

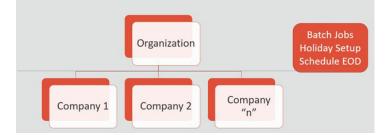
OFSLL supports defining multiple Portfolio Companies in an Organization and facilitates to configure these Portfolio Companies to operate in different time zones. The nightly batch jobs for processing can also be configured to run as per the operating hours of the Portfolio Companies.

Using this, system can be configured in Setup to either process at Organization level or at Company level. To process at Organization level, no specific change is required since it is the default setup.

The below details in this section is intended to give an overview of the changes required to setup the system to process at Company level.

## D.2 Existing Configuration

In the default setup, there is no definition of GL date at company level and this implies that organization can define the independent companies to which accounts belongs. But the EOD scheduling and job run happens at organization level and 'not' at each company level. Also the GL date is defined at 'System Parameters' Level.



## D.3 <u>Configuration at Company Level</u>

In the configuration at Company level (not Branch level), the following options are supported:

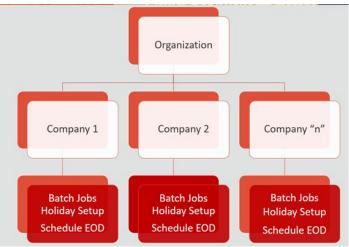
- To configure only one EOD schedule for one or all companies Configure batch jobs at ALL level with or without having multiple company definitions. If OFSLL is upgraded from earlier to current release version, this helps to continue with existing ALL company level scheduling of batch job run.
- To configure EOD for each company independently Define GL date at each Company level to schedule and run batch jobs at each company level. The scheduler changes the GL date of specific company, after successful completion of batch job run.

However in this setup, note that:

- It is advised to 'Enable' flag at ALL GL date level, but disable batch jobs at ALL level so that scheduler does the rollover of date but does not pick-up batch jobs for EOD run.
- After EOD run, system rollovers the GL date or ALL company entry, after completion of run of other specific company GL date rollover.
- Ensure the Company parameter 'System Under Maintenance' is also set to Y for corresponding company during EOD run of same company.
- Company Start of Business Time can be configured at company level. If the parameter value is set to '0500', it implies that scheduler rollovers the GL date based on this time.



• System refers the 'Company Time Zone' (new field at company definition page) to identify the time zone in company parameter.



## D.4 <u>Setup Company Definition</u>

In this setup, define the company and company parameters.

- 1. Define Company and date format
  - Define the company in 'Companies Definition' screen and ensure to maintain 'Company Time Zone'.
  - Define company code with 'Alphanumeric' characters only.
  - Ensure to define the 'Display Format' organization Definition ' Division Definition ' Display Formats.

#### Note

Fixed simple date format definition is one time setup for each company and Admin user is not expected to change it again in life time. Currently it is allowed to select only MM/DD/ YYYY format.

2. Define the following company parameters:

The default shipped seed data of Company level GL date is set to All.

- GL POST DATE COMPANY IN MM/DD/YYYY FORMAT (UPDATED BY SCHEDULER IF ENABLED)
- CMN\_SYSTEM\_UNDER\_MAINTENANCE SYSTEM UNDER MAINTENANCE
- JSC\_START\_OF\_BUSINESS\_TIME (COMPANY START OF BUSINESS TIME (24HR FORMAT)
- PTX\_TXN\_LAST\_PURGE\_DT LAST PURGE DATE OF TXNS
- PUP\_TUP\_LAST\_PURGE\_DT LAST PURGE DATE OF TXNS UPLOAD

Example: The following is an illustration on how 3 companies are defined with 3 different time Zones in USA, UK and Australia.

Parameter	USA	UK	AUS
GL Post Date	31 Dec 2019	02 Jan 2020	02 Jan 2020



Parameter	USA	UK	AUS
CMN_SYSTEM_UNDER_MAINTENANCE	Y	Ν	Ν
JSC_START_OF_BUSINESS_TIME	0500	0500	0500
PTX_TXN_LAST_PURGE_DT	01/01/2019	01/01/2019	01/01/2019
PUP_TUP_LAST_PURGE_DT	01/01/2019	01/01/2019	01/01/2019

## D.4.1 Holiday Setup and Processing

The holiday defined in setup is processed as indicated below:

- Scheduler picks up the jobs for EOD run based on 'Next Date and time' set at each batch job level.
- After successful completion of job run for the individual company, system rollovers the date for respective company.
- Once the EOD run and date rollover is completed for individual company, system verifies the 'Enabled' indicator for 'All' company. If none of batch jobs are enabled rollovers the ALL GL date.
- If '01 Jan 2020' is recorded as holiday in setup, scheduler will/will not execute the batch jobs based on the Batch job holiday maintenance and subsequently rollovers the next date to 02 Jan 2020, at proper start of business time for the company.

## D.4.2 Batch Jobs Processing

The default shipped seed data of Batch Jobs is set to All. Define the company and copy the batch jobs. Note that the 'Copy' option copies all the batch jobs at one go.

## D.5 <u>Setup Multiple Companies in Same/Different Time</u> <u>Zone</u>

- Define company level time zone using the field 'Company Time Zone at Companies Definition screen.
- This parameter is used to consider the Company level and Start of Business Time. The same can be configured to the same time zone or different time zone for scheduler to process EOD / BOD.
- Company wise file upload facility is supported as follows:

As part of creating company, following are automated:

- Directory objects in db is created
- System parameter is created for directories
- External table is created for selected uploads collateral and txn upload automatically
- Physical directories are not created
- Directory permissions is to be defined manual
- If Company specific file upload jobs are used, the file upload process happens from company specific folders.



## D.5.1 Setup for New Company Added Subsequently

For New Company Added Subsequently (not on Day zero), follow the same steps to be followed on Day zero setup. Raise SR to execute script of directory creation of new company for file upload.

## D.6 Impact on Defining Configuration at Company Level

System displays the following details at each configured Company level.

## D.6.1 Company Level Configuration Settings

Company level LOV selection is available at following screens to configure:

- System Monitor > Batch Jobs
- System Monitor > Jobs > Batch
- System Monitor > Jobs > Background
- System Monitor > Jobs > Credit Request
- System Monitor > JMS Queues > Messages
- System Monitor > Events
- Data Files > Input folder

### D.6.2 Scheduler

Once the batch jobs are completed for that specific company, scheduler picks-up the company specific scheduled batch jobs and updates the GL Post Date of that specific company.

#### Note

- No two companies should be configured to run jobs by scheduler at the same time.
- Ensure to setup the Parent and child batch jobs with marginal difference in time setup to get picked-up by the scheduler.

## D.6.3 Debug Logs

- Batch level Debug logs are maintained at system parameter level and allowed to enable / disable debug batch job logging at system parameter level only.
- System allows to enable batch job level debug jobs by enabling in User Defined Table.
- The debug log file generated is appended with 'Company Name'.
- The date format in debug logs is MM/DD/YYYY standard format only, irrespective of logs generated for any company.

#### D.6.4 <u>Setup Screens</u>

All setup screens refers to system date for validation. Example: Start and End Date.

## D.6.5 File Uploads

If only ALL Company Definition is used, the file upload process continues to use the existing folder and infrastructure.

• As part of creating company, following are automated:



- Directory objects in db is created
- System parameter is created for directories
- External table is created for selected uploads collateral and txn upload automatically
- Physical directories are not created
- Directory permissions is to be defined manual
- If Company specific file upload jobs are used, the file upload process happens from company specific folders.

#### D.6.5.1 Input File

- Changes are accepted in same file structure and input file has to be placed under input/ directory/company specific folder.
- In case certain file does not have company definition like 'Asset Upload', the same can be placed in any company folder to process and upload records.
- Some input files are not programmed to refer Data Files > Input file definitions and hence any date in the file will follow MM/DD/YYYY format. For example, Call activity posting, promise date are to be given in the same format.
- Some input files are programmed to refer Data Files > Input file definitions and hence system expects the date in the file as defined as date format in definition.

#### D.6.5.2 Output File

Output file name is appended with 'Company Name' and is generated in one folder.

#### Note

A script 'crt\_company\_directories.sh' is provided with installer in the path 'core\_db\ofslldb.zip\dba\_utils\' to create directories and to create folders for each defined Company. The same is to be run during installation. Also, the CLOB indicator is retained at system parameter level.

#### D.6.6 <u>Transactions</u>

- Monetary transaction refers to the company specific GL date.
- Non-Monetary transactions refers to system date.
- Transactions data in the account continues to show the dates with reference to 'Fixed simple date format' maintained at company level.

## D.6.7 Web Services

- GL date of service refers to company level GL date.
- 'Company' has to be passed for certain web services to take reference of corresponding company GL date.

#### D.6.8 Letters, Correspondence

- Letters are generated based on company level batch job run.
- Date format in letter is not controlled by company level display format and refers to the letter template.

#### D.6.9 Reports

• Changes are done to report template and reports are generated with 'Company Name' appended to file and generated data for specific company, where the job is run.



• Date format in report is not controlled by company level display format and refers to the report template.

## D.6.10 Credit Bureau & Metro II

- Bureau pull does not have any impact to handle because user has to select the specific company and then bureau triggers the pull from UI.
- Metro II No impact. System generates file for all companies; but based on product level flag and with configured setup.

## D.6.11 <u>GL</u>

Current GL Setup (Attributes, Translations and Transaction Links and so on) is at Company level and hence there is no impact.

## D.6.12 <u>ODD1, ODD2, ODD3</u>

If job is run at company level,

- ODD1 (Producer ACH, Adverse Action letters, Adverse Action Condition Letter file) job generates the data at company level.
- ODD2 (Account ACH, Vendor ACH, Statement, Letter File and so on) job generates the data at company level.
- ODD3 job generates the data at company level.

## D.6.13 Migration

For all screens where company has been added, the default value ALL is provided and user is expected to enable this in seed data screen.

## D.6.14 Conversion

No specific impact since API tables have definition of company. User can upload the conversion files based on company.

### D.6.15 Archive

Parameter to specify the archive days are defined at system level but user can run the Archive batch jobs at each company level and the same archives data for that specific company.

## D.6.16 Purge

Parameter to specify the purge days and following parameters are moved to company level.

- PTX\_TXN\_LAST\_PURGE\_DT LAST PURGE DATE OF TXNS
- PUP\_TUP\_LAST\_PURGE\_DT LAST PURGE DATE OF TXNS UPLOAD

#### D.6.17 Standard Payees

- User would be able to define payee bank account for each company / branch combination.
- AP Requisition batch job generates the requisition considering the account number defined at company level.

#### D.6.18 Data Masking

Not handled and hence data masking can be configured at organization level only.



## D.6.19 WFP Module

Not handled.

## D.6.20 Batch Jobs and File uploads

For list of batch jobs and File uploads handled to run at company level, refer to product release notes.

## D.6.21 Assumptions

System considers the criteria defined for company in Queues > Criteria Based Condition screen and ignores the branch level differentiation across application. Hence, even if user defines multiple records (as indicated below), system considers the combination as same and executes records are company level.

Company = AUS and Branch = ALL

Company = AUS and Branch = Sydney

